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MILITARY CONSTRUCTION APPROPRIATIONS FOR 2001

HEARINGS

BEFORE A

SUBCOMMITTEE OF THE

COMMITTEE ON APPROPRIATIONS

HOUSE OF REPRESENTATIVES

ONE HUNDRED SIXTH CONGRESS

SECOND SESSION

SUBCOMMITTEE ON MILITARY CONSTRUCTION APPROPRIATIONS

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ELIZABETH C. DAWSON, BRIAN L. POTTS, and MARY C. ARNOLD, *Subcommittee Staff*

PART 2

JUSTIFICATION OF THE BUDGET ESTIMATES

NAVY AND MARINE CORPS

	Page
Military Construction	1
Family Housing	369

RESERVE COMPONENTS

Naval Reserve	501

DEFENSE AGENCIES

Military Construction	553
Family Housing	791
North Atlantic Treaty Organization Security Investment Program	813

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DEPARTMENT OF THE NAVY

FY 2001

BUDGET ESTIMATES



MILITARY CONSTRUCTION AND FAMILY HOUSING PROGRAMS

JUSTIFICATION DATA
Submitted to Congress
February 2000



DEPARTMENT OF THE NAVY
FY 2001 MILITARY CONSTRUCTION AND FAMILY HOUSING PROGRAM

Table of Contents

STATE LIST	1
INDEX OF LOCATIONS	3
INDEX OF LOCATIONS (NAVY)	11
INDEX OF LOCATIONS (MARINES)	17
MISSION STATUS LIST	19
INSTALLATION INDEX	23
APPROPRIATION LANGUAGE	a-d
SPECIAL PROGRAM CONSIDERATIONS	e-o
PROJECT JUSTIFICATIONS – INSIDE THE UNITED STATES	25
PROJECT JUSTIFICATIONS - OUTSIDE THE UNITED STATES	377
PLANNING AND DESIGN	407
UNSPECIFIED MINOR CONSTRUCTION	409
FAMILY HOUSING	411

Department of the Navy
FY 2001 Military Construction and Family Housing Program
Summary of Locations

State/Country		Auth. Request ($000)	Appr. Request ($000)
Inside The United States			
ARIZONA		11,140	11,140
CALIFORNIA		155,501	150,801
CONNECTICUT		3,100	3,100
DIST OF COLUMBIA		32,037	19,647
FLORIDA		8,700	8,700
GEORGIA		6,300	6,300
HAWAII		145,231	180,831
ILLINOIS		121,400	121,400
MAINE		21,172	21,172
MARYLAND		6,430	6,430
MISSISSIPPI		4,700	4,700
NEW JERSEY		2,420	2,420
NORTH CAROLINA		65,290	61,290
RHODE ISLAND		4,150	4,150
SOUTH CAROLINA		5,800	5,800
TEXAS		2,670	0
VIRGINIA		83,520	83,520
WASHINGTON		96,733	72,273
	Subtotal	**776,294**	**763,674**
Outside The United States			
ITALY		47,969	47,029
SOUTH WEST ASIA		19,400	19,400
	Subtotal	**67,369**	**66,429**
Various Locations			
Various Locations		11,642	11,642
Various Locations		83,293	83,293
Various Locations		191,206	191,206
	Subtotal	**286,141**	**286,141**
	Total - FY 2001 Military Construction & Family Housing Program	**1,129,804**	**1,116,244**
	Less Family Housing	**362,822**	**362,822**
	Total - FY 2001 Military Construction Program	**766,982**	**753,422**

Department of the Navy
FY 2001 Military Construction and Family Housing Program
Index Of Locations For Navy and Marines

State/Country	Proj No.	Location	Auth. Request ($000)	Appr. Request ($000)	% Design As Of Jan 00	Page No.
		Inside The United States				
ARIZONA						
		NAVY DETACHMENT				
		CAMP NAVAJO, ARIZONA				
	114	MAGAZINE MODERNIZATION	2,940	2,940	65	27
		Subtotal	2,940	2,940		
		MARINE CORPS AIR STATION				
		YUMA, ARIZONA				
	482	COMBAT AIRCRAFT LOADING APRON (CALA)	8,200	8,200	65	33
		Subtotal	8,200	8,200		
		Total - ARIZONA	**11,140**	**11,140**		
CALIFORNIA						
		MARINE CORPS BASE				
		CAMP PENDLETON CALIFORNIA				
	633	INFANTRY SQUAD BATTLE COURSE	4,000	4,000	65	39
	634	ARMOR/ANTI-ARMOR TRACKING RANGE	4,100	4,100	65	43
		Subtotal	8,100	8,100		
		NAVAL AIR STATION				
		LEMOORE CALIFORNIA				
	201	BACHELOR ENLISTED QUARTERS	8,260	8,260	45	49
	H-594	160 Replacement Homes	27,768	27,768	N/A	
		Subtotal	36,028	36,028		
		MARINE CORPS AIR STATION				
		MIRAMAR, CALIFORNIA				
	050	GROUND COMBAT TRAINING RANGE	7,350	7,350	60	55
		Subtotal	7,350	7,350		
		NAVAL AVIATION DEPOT				
		NORTH ISLAND, CALIFORNIA				
	728	COMPONENT REPAIR CLEAN ROOM FACILITY	4,340	4,340	5	61
		Subtotal	4,340	4,340		
		NAVAL AIR STATION				
		NORTH ISLAND, SAN DIEGO, CA				
	577	AIRCRAFT OPERATIONS BLDG (SAN CLEMENTE)	8,860	8,860	5	67
	700B	BERTHING WHARF (INCREMENT II)	0	12,800	100	71
		Subtotal	8,860	21,660		
		NAVAL AIR WARFARE CENTER, WEAPONS DIV				
		POINT MUGU, CALIFORNIA				
	031	RANGE OPERATIONS CENTER ADDITION/ALTS	11,400	11,400	65	77
		Subtotal	11,400	11,400		
		PT HUENEME DIV, NAV SURFACE WARFARE CTR				
		PORT HUENEME, CALIFORNIA				
	016	WEAPON/COMBAT SYSTEMS INTEGRATION LAB	10,200	10,200	65	83
		Subtotal	10,200	10,200		

Department of the Navy
FY 2001 Military Construction and Family Housing Program
Index Of Locations For Navy and Marines

State/Country	Proj No.	Location	Auth. Request ($000)	Appr. Request ($000)	% Design As Of Jan 00	Page No.
		NAVAL STATION				
		SAN DIEGO, CALIFORNIA				
	326	BERTHING PIER (INCREMENT I)	53,200	35,700	25	89
		Subtotal	53,200	35,700		
		MARINE CORP AIR-GROUND COMBAT CTR				
		TWENTYNINE PALMS, CALIFORNIA				
	542	URBAN ASSAULT COURSE	2,100	2,100	65	95
	H-370	79 Replacement Homes	13,923	13,923	N/A	
		Subtotal	16,023	16,023		
		Total - CALIFORNIA	**155,501**	**150,801**		
CONNECTICUT						
		NAVAL SUBMARINE BASE				
		NEW LONDON, CONNECTICUT				
	429	DRYDOCK SUPPORT FACILITY	3,100	3,100	60	101
		Subtotal	3,100	3,100		
		Total - CONNECTICUT	**3,100**	**3,100**		
DIST OF COLUMBIA						
		COMMANDANT NAVAL DISTRICT WASHINGTON				
		WASHINGTON, D. C.				
	339	NAVY MUSEUM ANNEX	2,450	2,450	75	107
		Subtotal	2,450	2,450		
		WASHINGTON MARINE BARRACKS, 8TH & I ST				
		WASHINGTON, DC				
	990	BACHELOR ENLISTED QUARTERS	17,197	17,197	15	113
		Subtotal	17,197	17,197		
		NAVAL RESEARCH LABORATORY,				
		WASHINGTON, DISTRICT OF COLUMBIA				
	050	NANO-SCIENCE RESEARCH LABORATORY	12,390	0	60	121
		Subtotal	12,390	0		
		Total - DIST OF COLUMBIA	**32,037**	**19,647**		
FLORIDA						
		NAVAL SURFACE WARFARE CENTER				
		DETACHMENT				
		FORT LAUDERDALE, FLORIDA				
	893	SEAWALL AND SHIP BERTHING FACILITY	3,570	3,570	20	129
		Subtotal	3,570	3,570		
		NAVAL AIR STATION				
		WHITING FIELD, FLORIDA				
	232	JPATS T-6A OPERATIONS/ MAINTENANCE FAC	1,230	1,230	20	135
	240	JPATS T-6A GSE SUPPORT/ PAINT FACILITY	3,900	3,900	20	139
		Subtotal	5,130	5,130		
		Total - FLORIDA	**8,700**	**8,700**		

Department of the Navy
FY 2001 Military Construction and Family Housing Program
Index Of Locations For Navy and Marines

State/Country	Proj No.	Location	Auth. Request ($000)	Appr. Request ($000)	% Design As Of Jan 00	Page No.
GEORGIA						
		MARINE CORPS LOGISTICS BASE				
		ALBANY, GEORGIA				
	920	RENOVATE VEHICLE STORAGE FACILITY	1,100	1,100	20	145
		Subtotal	1,100	1,100		
		TRIDENT REFIT FACILITY				
		KINGS BAY, GEORGIA				
	568	CONSOLIDATED SANDBLAST/PAINT FACILITY	5,200	5,200	20	151
		Subtotal	5,200	5,200		
		Total - GEORGIA	6,300	6,300		
HAWAII						
		COMMANDER IN CHIEF, PACIFIC				
		CAMP H.M. SMITH, HAWAII				
	112A	CINCPAC HEADQUARTERS (INCREMENT II)	0	35,600	100	157
		Subtotal	0	35,600		
		MARINE CORPS BASE				
		KANEOHE BAY, HAWAII				
	741	BACHELOR ENLISTED QUARTERS	18,400	18,400	30	165
	H-570	84 Replacement Homes	21,910	21,910	N/A	
		Subtotal	40,310	40,310		
		NAVAL UNDERSEA WARFARE DETACHMENT				
		LUALUALEI, HAWAII				
	313	CONSOLIDATED FLEET TEST SUPPORT FACILITY	2,100	2,100	95	171
		Subtotal	2,100	2,100		
		FLEET INDUSTRIAL SUPPLY CENTER				
		PEARL HARBOR, HAWAII				
	138	WHARF UPGRADE	12,000	12,000	65	177
		Subtotal	12,000	12,000		
		NAVAL STATION				
		PEARL HARBOR, HAWAII				
	533	RELOCATE SEAL DELIVERY VEHICLE TEAM	14,200	14,200	60	183
	593	BACHELOR ENLISTED QUARTERS	16,500	16,500	30	187
	H-381	98 Replacement Homes (Hale Moku)	22,230	22,230	N/A	
	H-591	112 Replacement Homes (Radford Terrace)	23,654	23,654	N/A	
	H-597	62 Replacement Homes (Pearl City)	14,237	14,237	N/A	
		Subtotal	90,821	90,821		
		Total - HAWAII	145,231	160,631		
ILLINOIS						
		NAVAL TRAINING CENTER				
		GREAT LAKES, ILLINOIS				
	640	RECRUIT TRAINING DRILL HALL	11,700	11,700	20	193
	710	PHYSICAL TRAINING FACILITY	35,000	35,000	20	197
	730	RECRUIT BARRACKS	37,000	37,000	20	201
	731	RECRUIT BARRACKS	37,700	37,700	20	205
		Subtotal	121,400	121,400		
		Total - ILLINOIS	121,400	121,400		

Department of the Navy
FY 2001 Military Construction and Family Housing Program
Index Of Locations For Navy and Marines

State/Country	Proj No.	Location	Auth. Request ($000)	Appr. Request ($000)	% Design As Of Jan 00	Page No.
MAINE						
		NAVAL AIR STATION BRUNSWICK				
		BRUNSWICK ME				
	115	AIRCRAFT DE-ICE/RINSE FACILITY	2,450	2,450	60	211
	H-535	168 (16 new/152 replacement) Homes	18,722	18,722	N/A	
		Subtotal	21,172	21,172		
		Total - MAINE	**21,172**	**21,172**		
MARYLAND						
		NAV EXPLOSIVE ORDNANCE DISPOSAL TECH DIV				
		INDIAN HEAD, MARYLAND				
	110	JOINT SERVICE, EOD EQUIPMENT SUPPORT FAC	6,430	6,430	35	217
		Subtotal	6,430	6,430		
		Total - MARYLAND	**6,430**	**6,430**		
MISSISSIPPI						
		NAVAL AIR STATION				
		MERIDIAN MISSISSIPPI				
	289	T-45 AIRCRAFT SUPPORT FACILITIES	4,700	4,700	35	223
		Subtotal	4,700	4,700		
		Total - MISSISSIPPI	**4,700**	**4,700**		
:W JERSEY						
		NAVAL WEAPONS STATION				
		EARLE, NEW JERSEY				
	999	RECREATION CENTER	2,420	2,420	50	229
		Subtotal	2,420	2,420		
		Total - NEW JERSEY	**2,420**	**2,420**		
NORTH CAROLINA						
		MARINE CORPS BASE				
		CAMP LEJEUNE, NORTH CAROLINA				
	019	AMPHIBIOUS OPS/MAINT/STORAGE COMPLEX	9,500	9,500	35	235
	118	OPERATIONS/ MAINTENANCE/STORAGE FACILITY	3,650	3,650	35	239
	124	CHILD DEVELOPMENT CENTER	4,420	4,420	20	243
	150	ARMORIES	14,000	10,000	50	251
	159A	BACHELOR ENLISTED QUARTERS (COURTHOUSE)	14,300	14,300	60	247
		Subtotal	45,870	41,870		
		MARINE CORPS AIR STATION				
		CHERRY POINT, NORTH CAROLINA				
	568	AIRCRAFT HANGAR IMPROVEMENTS	8,480	8,480	35	257
		Subtotal	8,480	8,480		
		NAVAL AVIATION DEPOT				
		CHERRY POINT, NORTH CAROLINA				
	979	AIRCRAFT STRIPPING FACILITY ADDITION	7,540	7,540	15	263
		Subtotal	7,540	7,540		

Department of the Navy
FY 2001 Military Construction and Family Housing Program
Index Of Locations For Navy and Marines

State/Country	Proj No.	Location	Auth. Request ($000)	Appr. Request ($000)	% Design As Of Jan 00	Page No.
		MARINE CORPS AIR STATION				
		NEW RIVER, NORTH CAROLINA				
	528	AIRCRAFT RINSE FACILITY	800	800	50	269
	629	AIR TRAFFIC CONTROL TOWER	2,600	2,600	15	273
		Subtotal	3,400	3,400		
		Total - NORTH CAROLINA	65,290	61,290		
RHODE ISLAND						
		NEWPORT DIV, NAVAL UNDERSEA WARFARE CTR				
		NEWPORT, RHODE ISLAND				
	077	SHORE BASED LAUNCH FACILITY	4,150	4,150	75	279
		Subtotal	4,150	4,150		
		Total - RHODE ISLAND	4,150	4,150		
SOUTH CAROLINA						
		MARINE CORPS AIR STATION				
		BEAUFORT, SOUTH CAROLINA				
	401	FLIGHTLINE FIRE SAFETY IMPROVEMENTS	3,140	3,140	20	285
		Subtotal	3,140	3,140		
		MARINE CORPS RECRUIT DEPOT				
		PARRIS ISLAND, SOUTH CAROLINA				
	327	FIELD TRAINING COMPLEX	2,660	2,660	20	291
		Subtotal	2,660	2,660		
		Total - SOUTH CAROLINA	5,800	5,800		
TEXAS						
		NAVAL AIR STATION				
		KINGSVILLE, TEXAS				
	238	AIRCRAFT PARKING APRON	2,670	0	20	297
		Subtotal	2,670	0		
		Total - TEXAS	2,670	0		
VIRGINIA						
		DAHLGREN DIV, NAVAL SURFACE WARFARE CTR				
		DAHLGREN VIRGINIA				
	285	INNOVATION TECHNOLOGY AND INFRASTRUCTURE	11,300	11,300	55	303
		Subtotal	11,300	11,300		
		NAVAL AMPHIBIOUS BASE				
		LITTLE CREEK, VIRGINIA				
	371	WATERFRONT OPERATIONS BUILDING	2,830	2,830	15	309
		Subtotal	2,830	2,830		
		NAVAL AIR STATION				
		NORFOLK, VIRGINIA				
	113	TAXIWAY EXTENSION AND LIGHTS	6,350	6,350	35	315
	522	AIRCRAFT MAINTENANCE HANGAR	11,800	11,800	35	319
	524	AIRCRAFT MAINTENANCE HANGAR	13,300	13,300	30	323
		Subtotal	31,450	31,450		

Department of the Navy
FY 2001 Military Construction and Family Housing Program
Index Of Locations For Navy and Marines

State/Country	Proj No.	Location	Auth. Request ($000)	Appr. Request ($000)	% Design As Of Jan 00	Page No.
		NAVAL STATION				
		NORFOLK, VIRGINIA				
	099A	PIER ENHANCEMENTS	4,700	4,700	100	329
		Subtotal	4,700	4,700		
		NAVAL AIR STATION				
		OCEANA, VIRGINIA				
	758	AIRFIELD IMPROVEMENTS	5,250	5,250	35	335
		Subtotal	5,250	5,250		
		NORFOLK NAVAL SHIPYARD				
		PORTSMOUTH, VIRGINIA				
	504	BACHELOR ENLISTED QUARTERS	16,100	16,100	35	341
		Subtotal	16,100	16,100		
		MARINE CORPS COMBAT DEV COMMAND				
		QUANTICO, VIRGINIA				
	058	PHYSICAL TRAINING FACILITY	8,590	8,590	60	347
		Subtotal	8,590	8,590		
		AEGIS COMBAT SYSTEMS CENTER				
		WALLOPS ISLAND, VIRGINIA				
	002	SPY-1D TEST AND EVALUATION FAC ADDITION	3,300	3,300	15	353
		Subtotal	3,300	3,300		
		Total - VIRGINIA	**83,520**	**83,520**		
ASHINGTON						
		STRATEGIC WEAPONS FACILITY PAC				
		BREMERTON, WASHINGTON				
	945	EXPLOSIVES HANDLING WHARF MODIFICATIONS	1,400	1,400	35	373
		Subtotal	1,400	1,400		
		PUGET SOUND NAVAL SHIPYARD				
		BREMERTON, WASHINGTON				
	341	PIER REPLACEMENT (INCREMENT I)	62,460	38,000	35	359
	343	OILY WASTEWATER COLLECTION	6,600	6,600	30	363
	416	CHEMICAL METALLURGICAL LABORATORY	9,400	9,400	30	367
		Subtotal	78,460	54,000		
		NAVAL AIR STATION				
		WHIDBEY ISLAND				
	H-424	98 (2 new/96 replacement) Homes	16,873	16,873	N/A	
		Subtotal	16,873	16,873		
		Total - WASHINGTON	**95,733**	**72,273**		
		Total - Inside The United States	**776,294**	**763,674**		
		Outside The United States				

Department of the Navy
FY 2001 Military Construction and Family Housing Program
Index Of Locations For Navy and Marines

State/Country	Proj No.	Location	Auth. Request ($000)	Appr. Request ($000)	% Design As Of Jan 00	Page No.
ITALY						
		NAVAL SUPPORT ACTIVITY				
		NAPLES, ITALY				
	201	BACHELOR ENLISTED QUARTERS	15,000	15,000	35	379
		Subtotal	15,000	15,000		
		NAVAL AIR STATION				
		SIGONELLA, ITALY				
	820	COMMUNITY FACILITIES	32,969	32,029	95	385
		Subtotal	32,969	32,029		
		Total - ITALY	**47,969**	**47,029**		
SOUTH WEST ASIA						
		NAVAL ADMIN SUPPORT UNIT				
		SOUTHWEST ASIA				
	904	OPERATIONS CENTER	19,400	19,400	60	391
		Subtotal	19,400	19,400		
		Total - SOUTH WEST ASIA	**19,400**	**19,400**		
		Total - Outside The United States	**67,369**	**66,429**		
		Various Locations				
	201	HOST NATION INFRASTRUCTURE	142	142	100	397
	608	BACHELOR ENLISTED QUARTERS & DINING FAC	11,500	11,500	30	403
	201	PLANNING AND DESIGN	63,335	63,335	0	407
	H-201	Planning and Design (Family Housing)	19,958	19,958	N/A	
	201	UNSPECIFIED MINOR CONSTRUCTION	7,659	7,659	0	409
	H-201	Construction Improvements (Family Housing)	183,547	183,547	N/A	
		Total - Various Locations	**286,141**	**286,141**		
		Total - FY 2001 Military Construction Program	**766,982**	**753,422**		
		Total - FY 2001 Military Construction Family Housing Program	**362,822**	**362,822**		
		Grand Total	**1,129,804**	**1,116,244**		

Department of the Navy
FY 2001 Military Construction and Family Housing Program
Index Of Locations For Navy Only

State/Country	Proj No.	Location	Auth. Request ($000)	Appr. Request ($000)	% Design As Of Jan 00	Page No.
		Inside The United States				
ARIZONA						
		NAVY DETACHMENT				
		CAMP NAVAJO, ARIZONA				
	114	MAGAZINE MODERNIZATION	2,940	2,940	65	27
		Subtotal	2,940	2,940		
		Total - ARIZONA	**2,940**	**2,940**		
CALIFORNIA						
		NAVAL AIR STATION				
		LEMOORE CALIFORNIA				
	201	BACHELOR ENLISTED QUARTERS	8,260	8,260	45	49
	H-594	160 Replacement Homes	27,768	27,768	N/A	
		Subtotal	36,028	36,028		
		NAVAL AVIATION DEPOT				
		NORTH ISLAND, CALIFORNIA				
	728	COMPONENT REPAIR CLEAN ROOM FACILITY	4,340	4,340	5	61
		Subtotal	4,340	4,340		
		NAVAL AIR STATION				
		NORTH ISLAND, SAN DIEGO, CA				
	577	AIRCRAFT OPERATIONS BLDG (SAN CLEMENTE)	8,860	8,860	5	67
	700B	BERTHING WHARF (INCREMENT II)	0	12,800	100	71
		Subtotal	8,860	21,660		
		NAVAL AIR WARFARE CENTER, WEAPONS DIV				
		POINT MUGU, CALIFORNIA				
	031	RANGE OPERATIONS CENTER ADDITION/ALTS	11,400	11,400	65	77
		Subtotal	11,400	11,400		
		PT HUENEME DIV, NAV SURFACE WARFARE CTR				
		PORT HUENEME, CALIFORNIA				
	016	WEAPON/COMBAT SYSTEMS INTEGRATION LAB	10,200	10,200	65	83
		Subtotal	10,200	10,200		
		NAVAL STATION				
		SAN DIEGO, CALIFORNIA				
	326	BERTHING PIER (INCREMENT I)	53,200	35,700	25	89
		Subtotal	53,200	35,700		
		Total - CALIFORNIA	**124,028**	**119,328**		
CONNECTICUT						
		NAVAL SUBMARINE BASE				
		NEW LONDON, CONNECTICUT				
	429	DRYDOCK SUPPORT FACILITY	3,100	3,100	60	101
		Subtotal	3,100	3,100		
		Total - CONNECTICUT	**3,100**	**3,100**		

Department of the Navy
FY 2001 Military Construction and Family Housing Program
Index Of Locations For Navy Only

State/Country	Proj No.	Location	Auth. Request ($000)	Appr. Request ($000)	% Design As Of Jan 00	Page No.
DIST OF COLUMBIA						
		COMMANDANT NAVAL DISTRICT WASHINGTON				
		WASHINGTON, D. C.				
	339	NAVY MUSEUM ANNEX	2,450	2,450	75	107
		Subtotal	2,450	2,450		
		NAVAL RESEARCH LABORATORY,				
		WASHINGTON, DISTRICT OF COLUMBIA				
	050	NANO-SCIENCE RESEARCH LABORATORY	12,390	0	60	121
		Subtotal	12,390	0		
		Total - DIST OF COLUMBIA	**14,840**	**2,450**		
FLORIDA						
		NAVAL SURFACE WARFARE CENTER				
		DETACHMENT				
		FORT LAUDERDALE, FLORIDA				
	893	SEAWALL AND SHIP BERTHING FACILITY	3,570	3,570	20	129
		Subtotal	3,570	3,570		
		NAVAL AIR STATION				
		WHITING FIELD, FLORIDA				
	232	JPATS T-6A OPERATIONS/ MAINTENANCE FAC	1,230	1,230	20	135
	240	JPATS T-6A GSE SUPPORT/ PAINT FACILITY	3,900	3,900	20	139
		Subtotal	5,130	5,130		
		Total - FLORIDA	**8,700**	**8,700**		
GEORGIA						
		TRIDENT REFIT FACILITY				
		KINGS BAY, GEORGIA				
	568	CONSOLIDATED SANDBLAST/PAINT FACILITY	5,200	5,200	20	151
		Subtotal	5,200	5,200		
		Total - GEORGIA	**5,200**	**5,200**		
HAWAII						
		COMMANDER IN CHIEF, PACIFIC				
		CAMP H.M. SMITH, HAWAII				
	112A	CINCPAC HEADQUARTERS (INCREMENT II)	0	35,600	100	157
		Subtotal	0	35,600		
		NAVAL UNDERSEA WARFARE DETACHMENT				
		LUALUALEI, HAWAII				
	313	CONSOLIDATED FLEET TEST SUPPORT FACILITY	2,100	2,100	95	171
		Subtotal	2,100	2,100		
		FLEET INDUSTRIAL SUPPLY CENTER				
		PEARL HARBOR, HAWAII				
	138	WHARF UPGRADE	12,000	12,000	65	177
		Subtotal	12,000	12,000		
		NAVAL STATION				
		PEARL HARBOR, HAWAII				
	533	RELOCATE SEAL DELIVERY VEHICLE TEAM	14,200	14,200	60	183
	593	BACHELOR ENLISTED QUARTERS	16,500	16,500	30	187

Department of the Navy
FY 2001 Military Construction and Family Housing Program
Index Of Locations For Navy Only

State/Country	Proj No.	Location	Auth. Request ($000)	Appr. Request ($000)	% Design As Of Jan 00	Page No.
	H-381	98 Replacement Homes (Hale Moku)	22,230	22,230	N/A	
	H-591	112 Replacement Homes (Radford Terrace)	23,654	23,654	N/A	
	H-597	62 Replacement Homes (Pearl City)	14,237	14,237	N/A	
		Subtotal	90,821	90,821		
		Total - HAWAII	**104,921**	**140,521**		
ILLINOIS						
		NAVAL TRAINING CENTER				
		GREAT LAKES, ILLINOIS				
	640	RECRUIT TRAINING DRILL HALL	11,700	11,700	20	193
	710	PHYSICAL TRAINING FACILITY	35,000	35,000	20	197
	730	RECRUIT BARRACKS	37,000	37,000	20	201
	731	RECRUIT BARRACKS	37,700	37,700	20	205
		Subtotal	121,400	121,400		
		Total - ILLINOIS	**121,400**	**121,400**		
MAINE						
		NAVAL AIR STATION BRUNSWICK				
		BRUNSWICK ME				
	115	AIRCRAFT DE-ICE/RINSE FACILITY	2,450	2,450	60	211
	H-535	168 (16 new/152 replacement) Homes	18,722	18,722	N/A	
		Subtotal	21,172	21,172		
		Total - MAINE	**21,172**	**21,172**		
ARYLAND						
		NAV EXPLOSIVE ORDNANCE DISPOSAL TECH DIV				
		INDIAN HEAD, MARYLAND				
	110	JOINT SERVICE, EOD EQUIPMENT SUPPORT FAC	6,430	6,430	35	217
		Subtotal	6,430	6,430		
		Total - MARYLAND	**6,430**	**6,430**		
MISSISSIPPI						
		NAVAL AIR STATION				
		MERIDIAN MISSISSIPPI				
	289	T-45 AIRCRAFT SUPPORT FACILITIES	4,700	4,700	35	223
		Subtotal	4,700	4,700		
		Total - MISSISSIPPI	**4,700**	**4,700**		
NEW JERSEY						
		NAVAL WEAPONS STATION				
		EARLE, NEW JERSEY				
	999	RECREATION CENTER	2,420	2,420	50	229
		Subtotal	2,420	2,420		
		Total - NEW JERSEY	**2,420**	**2,420**		

Department of the Navy
FY 2001 Military Construction and Family Housing Program
Index Of Locations For Navy Only

State/Country	Proj No.	Location	Auth. Request ($000)	Appr. Request ($000)	% Design As Of Jan 00	Page No.
NORTH CAROLINA						
		NAVAL AVIATION DEPOT				
		CHERRY POINT, NORTH CAROLINA				
	979	AIRCRAFT STRIPPING FACILITY ADDITION	7,540	7,540	15	263
		Subtotal	7,540	7,540		
		Total - NORTH CAROLINA	**7,540**	**7,540**		
RHODE ISLAND						
		NEWPORT DIV, NAVAL UNDERSEA WARFARE CTR				
		NEWPORT, RHODE ISLAND				
	077	SHORE BASED LAUNCH FACILITY	4,150	4,150	75	279
		Subtotal	4,150	4,150		
		Total - RHODE ISLAND	**4,150**	**4,150**		
TEXAS						
		NAVAL AIR STATION				
		KINGSVILLE, TEXAS				
	238	AIRCRAFT PARKING APRON	2,670	0	20	297
		Subtotal	2,670	0		
		Total - TEXAS	**2,670**	**0**		
VIRGINIA						
		DAHLGREN DIV, NAVAL SURFACE WARFARE CTR				
		DAHLGREN VIRGINIA				
	285	INNOVATION TECHNOLOGY AND INFRASTRUCTURE	11,300	11,300	55	303
		Subtotal	11,300	11,300		
		NAVAL AMPHIBIOUS BASE				
		LITTLE CREEK, VIRGINIA				
	371	WATERFRONT OPERATIONS BUILDING	2,830	2,830	15	309
		Subtotal	2,830	2,830		
		NAVAL AIR STATION				
		NORFOLK, VIRGINIA				
	113	TAXIWAY EXTENSION AND LIGHTS	6,350	6,350	35	315
	522	AIRCRAFT MAINTENANCE HANGAR	11,800	11,800	35	319
	524	AIRCRAFT MAINTENANCE HANGAR	13,300	13,300	30	323
		Subtotal	31,450	31,450		
		NAVAL STATION				
		NORFOLK, VIRGINIA				
	099A	PIER ENHANCEMENTS	4,700	4,700	100	329
		Subtotal	4,700	4,700		
		NAVAL AIR STATION				
		OCEANA, VIRGINIA				
	758	AIRFIELD IMPROVEMENTS	5,250	5,250	35	335
		Subtotal	5,250	5,250		

Department of the Navy
FY 2001 Military Construction and Family Housing Program
Index Of Locations For Navy Only

State/Country	Proj No.	Location	Auth. Request ($000)	Appr. Request ($000)	% Design As Of Jan 00	Page No.
		NORFOLK NAVAL SHIPYARD				
		PORTSMOUTH, VIRGINIA				
	504	BACHELOR ENLISTED QUARTERS	16,100	16,100	35	341
		Subtotal	16,100	16,100		
		AEGIS COMBAT SYSTEMS CENTER				
		WALLOPS ISLAND, VIRGINIA				
	002	SPY-1D TEST AND EVALUATION FAC ADDITION	3,300	3,300	15	353
		Subtotal	3,300	3,300		
		Total - VIRGINIA	**74,930**	**74,930**		
WASHINGTON						
		STRATEGIC WEAPONS FACILITY PAC				
		BREMERTON, WASHINGTON				
	945	EXPLOSIVES HANDLING WHARF MODIFICATIONS	1,400	1,400	35	373
		Subtotal	1,400	1,400		
		PUGET SOUND NAVAL SHIPYARD				
		BREMERTON, WASHINGTON				
	341	PIER REPLACEMENT (INCREMENT I)	62,460	38,000	35	359
	343	OILY WASTEWATER COLLECTION	6,600	6,600	30	363
	416	CHEMICAL METALLURGICAL LABORATORY	9,400	9,400	30	367
		Subtotal	78,460	54,000		
		NAVAL AIR STATION				
		WHIDBEY ISLAND				
	H-424	98 (2 new/96 replacement) Homes	16,873	16,873	N/A	
		Subtotal	16,873	16,873		
		Total - WASHINGTON	**96,733**	**72,273**		
		Total - Inside The United States	**605,874**	**597,254**		
		Outside The United States				
ITALY						
		NAVAL SUPPORT ACTIVITY				
		NAPLES, ITALY				
	201	BACHELOR ENLISTED QUARTERS	15,000	15,000	35	379
		Subtotal	15,000	15,000		
		NAVAL AIR STATION				
		SIGONELLA, ITALY				
	620	COMMUNITY FACILITIES	32,969	32,029	95	385
		Subtotal	32,969	32,029		
		Total - ITALY	**47,969**	**47,029**		
SOUTH WEST ASIA						
		NAVAL ADMIN SUPPORT UNIT				
		SOUTHWEST ASIA				
	904	OPERATIONS CENTER	19,400	19,400	60	391
		Subtotal	19,400	19,400		
		Total - SOUTH WEST ASIA	**19,400**	**19,400**		
		Total - Outside The United States	**67,369**	**66,429**		

Department of the Navy
FY 2001 Military Construction and Family Housing Program
Index Of Locations For Navy Only

State/Country	Proj No.	Location	Auth. Request ($000)	Appr. Request ($000)	% Design As Of Jan 00	Page No.
		Various Locations				
	201	HOST NATION INFRASTRUCTURE	142	142	100	397
	608	BACHELOR ENLISTED QUARTERS & DINING FAC	11,500	11,500	30	403
	201	PLANNING AND DESIGN	63,335	63,335	0	407
	H-201	Planning and Design (Family Housing)	19,858	19,858	N/A	
	201	UNSPECIFIED MINOR CONSTRUCTION	7,659	7,659	0	409
	H-201	Construction Improvements (Family Housing)	183,547	183,547	N/A	
		Total - Various Locations	286,141	286,141		

Department of the Navy
FY 2001 Military Construction and Family Housing Program
Index Of Locations For Marines Only

State/Country	Proj No.	Location	Auth. Request ($000)	Appr. Request ($000)	% Design As Of Jan 00	Page No.
		Inside The United States				
ARIZONA						
		MARINE CORPS AIR STATION				
		YUMA, ARIZONA				
	482	COMBAT AIRCRAFT LOADING APRON (CALA)	8,200	8,200	65	33
		Subtotal	8,200	8,200		
		Total - ARIZONA	8,200	8,200		
CALIFORNIA						
		MARINE CORPS BASE				
		CAMP PENDLETON CALIFORNIA				
	633	INFANTRY SQUAD BATTLE COURSE	4,000	4,000	65	39
	634	ARMOR/ANTI-ARMOR TRACKING RANGE	4,100	4,100	65	43
		Subtotal	8,100	8,100		
		MARINE CORPS AIR STATION				
		MIRAMAR, CALIFORNIA				
	050	GROUND COMBAT TRAINING RANGE	7,350	7,350	60	55
		Subtotal	7,350	7,350		
		MARINE CORP AIR-GROUND COMBAT CTR				
		TWENTYNINE PALMS, CALIFORNIA				
	542	URBAN ASSAULT COURSE	2,100	2,100	65	95
	H-370	79 Replacement Homes	13,923	13,923	N/A	
		Subtotal	16,023	16,023		
		Total - CALIFORNIA	31,473	31,473		
DIST OF COLUMBIA						
		WASHINGTON MARINE BARRACKS, 8TH & I ST				
		WASHINGTON, DC				
	990	BACHELOR ENLISTED QUARTERS	17,197	17,197	15	113
		Subtotal	17,197	17,197		
		Total - DIST OF COLUMBIA	17,197	17,197		
GEORGIA						
		MARINE CORPS LOGISTICS BASE				
		ALBANY, GEORGIA				
	920	RENOVATE VEHICLE STORAGE FACILITY	1,100	1,100	20	145
		Subtotal	1,100	1,100		
		Total - GEORGIA	1,100	1,100		
HAWAII						
		MARINE CORPS BASE				
		KANEOHE BAY, HAWAII				
	741	BACHELOR ENLISTED QUARTERS	18,400	18,400	30	165
	H-570	84 Replacement Homes	21,910	21,910	N/A	
		Subtotal	40,310	40,310		
		Total - HAWAII	40,310	40,310		

Department of the Navy
FY 2001 Military Construction and Family Housing Program
Index Of Locations For Marines Only

State/Country	Proj No.	Location	Auth. Request ($000)	Appr. Request ($000)	% Design As Of Jan 00	Page No.
NORTH CAROLINA						
		MARINE CORPS BASE				
		CAMP LEJEUNE, NORTH CAROLINA				
	019	AMPHIBIOUS OPS/MAINT/STORAGE COMPLEX	9,500	9,500	35	235
	118	OPERATIONS/ MAINTENANCE/STORAGE FACILITY	3,650	3,650	35	239
	124	CHILD DEVELOPMENT CENTER	4,420	4,420	20	243
	150	ARMORIES	14,000	10,000	50	251
	159A	BACHELOR ENLISTED QUARTERS (COURTHOUSE)	14,300	14,300	60	247
		Subtotal	45,870	41,870		
		MARINE CORPS AIR STATION				
		CHERRY POINT, NORTH CAROLINA				
	568	AIRCRAFT HANGAR IMPROVEMENTS	8,480	8,480	35	257
		Subtotal	8,480	8,480		
		MARINE CORPS AIR STATION				
		NEW RIVER, NORTH CAROLINA				
	528	AIRCRAFT RINSE FACILITY	800	800	50	269
	629	AIR TRAFFIC CONTROL TOWER	2,600	2,600	15	273
		Subtotal	3,400	3,400		
		Total - NORTH CAROLINA	**57,750**	**53,750**		
)UTH CAROLINA						
		MARINE CORPS AIR STATION				
		BEAUFORT, SOUTH CAROLINA				
	401	FLIGHTLINE FIRE SAFETY IMPROVEMENTS	3,140	3,140	20	285
		Subtotal	3,140	3,140		
		MARINE CORPS RECRUIT DEPOT				
		PARRIS ISLAND, SOUTH CAROLINA				
	327	FIELD TRAINING COMPLEX	2,660	2,660	20	291
		Subtotal	2,660	2,660		
		Total - SOUTH CAROLINA	**5,800**	**5,800**		
VIRGINIA						
		MARINE CORPS COMBAT DEV COMMAND				
		QUANTICO, VIRGINIA				
	058	PHYSICAL TRAINING FACILITY	8,590	8,590	60	347
		Subtotal	8,590	8,590		
		Total - VIRGINIA	**8,590**	**8,590**		
		Total - Inside The United States	**170,420**	**166,420**		

Department of the Navy
FY 2001 Military Construction and Family Housing Program
Mission Status Index

Installation/Location	Proj No.	Project Title	Cost ($000)	Mission Status
		Inside The United States		
ARIZONA				
NAVY DETACHMENT CAMP NAVAJO, ARIZONA	114	MAGAZINE MODERNIZATION	2,940	New
MARINE CORPS AIR STATION YUMA, ARIZONA	482	COMBAT AIRCRAFT LOADING APRON (CALA)	8,200	Current
CALIFORNIA				
PT HUENEME DIV, NAV SURFACE WARFARE CTR PORT HUENEME, CALIFORNIA	016	WEAPON/COMBAT SYSTEMS INTEGRATION LAB	10,200	Current
NAVAL AIR WARFARE CENTER, WEAPONS DIV POINT MUGU, CALIFORNIA	031	RANGE OPERATIONS CENTER ADDITION/ALTS	11,400	Current
MARINE CORPS AIR STATION MIRAMAR, CALIFORNIA	050	GROUND COMBAT TRAINING RANGE	7,350	Current
NAVAL AIR STATION LEMOORE CALIFORNIA	201	BACHELOR ENLISTED QUARTERS	8,260	Current
NAVAL STATION SAN DIEGO, CALIFORNIA	326	BERTHING PIER (INCREMENT I)	35,700	Current
MARINE CORP AIR-GROUND COMBAT CTR TWENTYNINE PALMS, CALIFORNIA	542	URBAN ASSAULT COURSE	2,100	Current
NAVAL AIR STATION NORTH ISLAND, SAN DIEGO, CA	577	AIRCRAFT OPERATIONS BLDG (SAN CLEMENTE)	8,860	Current
MARINE CORPS BASE CAMP PENDLETON CALIFORNIA	633	INFANTRY SQUAD BATTLE COURSE	4,000	Current
MARINE CORPS BASE CAMP PENDLETON CALIFORNIA	634	ARMOR/ANTI-ARMOR TRACKING RANGE	4,100	Current
NAVAL AIR STATION NORTH ISLAND, SAN DIEGO, CA	700B	BERTHING WHARF (INCREMENT II)	12,800	New
NAVAL AVIATION DEPOT NORTH ISLAND, CALIFORNIA	728	COMPONENT REPAIR CLEAN ROOM FACILITY	4,340	Current
CONNECTICUT				
NAVAL SUBMARINE BASE NEW LONDON, CONNECTICUT	429	DRYDOCK SUPPORT FACILITY	3,100	Current
DIST OF COLUMBIA				
NAVAL RESEARCH LABORATORY, WASHINGTON, DISTRICT OF COLUMBIA	050	NANO-SCIENCE RESEARCH LABORATORY	0	Current
COMMANDANT NAVAL DISTRICT WASHINGTON WASHINGTON, D. C.	339	NAVY MUSEUM ANNEX	2,450	Current
WASHINGTON MARINE BARRACKS, 8TH & I ST WASHINGTON, DC	990	BACHELOR ENLISTED QUARTERS	17,197	Current

Department of the Navy
FY 2001 Military Construction and Family Housing Program
Mission Status Index

Installation/Location	Proj No.	Project Title	Cost ($000)	Mission Status
FLORIDA				
NAVAL AIR STATION WHITING FIELD, FLORIDA	232	JPATS T-6A OPERATIONS/ MAINTENANCE FAC	1,230	New
NAVAL AIR STATION WHITING FIELD, FLORIDA	240	JPATS T-6A GSE SUPPORT/ PAINT FACILITY	3,900	New
NAVAL SURFACE WARFARE CENTER DETACHMENT FORT LAUDERDALE, FLORIDA	893	SEAWALL AND SHIP BERTHING FACILITY	3,570	Current
GEORGIA				
TRIDENT REFIT FACILITY KINGS BAY, GEORGIA	568	CONSOLIDATED SANDBLAST/PAINT FACILITY	5,200	Current
MARINE CORPS LOGISTICS BASE ALBANY, GEORGIA	920	RENOVATE VEHICLE STORAGE FACILITY	1,100	Current
HAWAII				
COMMANDER IN CHIEF, PACIFIC CAMP H.M. SMITH, HAWAII	112A	CINCPAC HEADQUARTERS (INCREMENT II)	35,600	Current
FLEET INDUSTRIAL SUPPLY CENTER PEARL HARBOR, HAWAII	138	WHARF UPGRADE	12,000	Current
NAVAL UNDERSEA WARFARE DETACHMENT JALUALEI, HAWAII	313	CONSOLIDATED FLEET TEST SUPPORT FACILITY	2,100	Current
NAVAL STATION PEARL HARBOR, HAWAII	533	RELOCATE SEAL DELIVERY VEHICLE TEAM	14,200	Current
NAVAL STATION PEARL HARBOR, HAWAII	593	BACHELOR ENLISTED QUARTERS	16,500	Current
MARINE CORPS BASE KANEOHE BAY, HAWAII	741	BACHELOR ENLISTED QUARTERS	18,400	Current
ILLINOIS				
NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS	640	RECRUIT TRAINING DRILL HALL	11,700	Current
NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS	710	PHYSICAL TRAINING FACILITY	35,000	Current
NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS	730	RECRUIT BARRACKS	37,000	Current
NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS	731	RECRUIT BARRACKS	37,700	Current
MAINE				
NAVAL AIR STATION BRUNSWICK BRUNSWICK ME	115	AIRCRAFT DE-ICE/RINSE FACILITY	2,450	Current
MARYLAND				
NAV EXPLOSIVE ORDNANCE DISPOSAL TECH DIV IDIAN HEAD, MARYLAND	110	JOINT SERVICE, EOD EQUIPMENT SUPPORT FAC	6,430	Current

Department of the Navy
FY 2001 Military Construction and Family Housing Program
Mission Status Index

Installation/Location	Proj No.	Project Title	Cost ($000)	Mission Status
MISSISSIPPI				
NAVAL AIR STATION MERIDIAN MISSISSIPPI	289	T-45 AIRCRAFT SUPPORT FACILITIES	4,700	Current
NEW JERSEY				
NAVAL WEAPONS STATION EARLE, NEW JERSEY	999	RECREATION CENTER	2,420	Current
NORTH CAROLINA				
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA	019	AMPHIBIOUS OPS/MAINT/STORAGE COMPLEX	9,500	Current
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA	118	OPERATIONS/ MAINTENANCE/STORAGE FACILITY	3,650	Current
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA	124	CHILD DEVELOPMENT CENTER	4,420	Current
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA	150	ARMORIES	10,000	Current
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA	159A	BACHELOR ENLISTED QUARTERS (COURTHOUSE)	14,300	Current
MARINE CORPS AIR STATION NEW RIVER, NORTH CAROLINA	528	AIRCRAFT RINSE FACILITY	800	Current
MARINE CORPS AIR STATION HERRY POINT, NORTH CAROLINA	568	AIRCRAFT HANGAR IMPROVEMENTS	8,480	Current
ARINE CORPS AIR STATION NEW RIVER, NORTH CAROLINA	629	AIR TRAFFIC CONTROL TOWER	2,600	Current
NAVAL AVIATION DEPOT CHERRY POINT, NORTH CAROLINA	979	AIRCRAFT STRIPPING FACILITY ADDITION	7,540	Current
RHODE ISLAND				
NEWPORT DIV, NAVAL UNDERSEA WARFARE CTR NEWPORT, RHODE ISLAND	077	SHORE BASED LAUNCH FACILITY	4,150	Current
SOUTH CAROLINA				
MARINE CORPS RECRUIT DEPOT PARRIS ISLAND, SOUTH CAROLINA	327	FIELD TRAINING COMPLEX	2,660	Current
MARINE CORPS AIR STATION BEAUFORT, SOUTH CAROLINA	401	FLIGHTLINE FIRE SAFETY IMPROVEMENTS	3,140	Current
TEXAS				
NAVAL AIR STATION KINGSVILLE, TEXAS	238	AIRCRAFT PARKING APRON	0	Current
VIRGINIA				
AEGIS COMBAT SYSTEMS CENTER WALLOPS ISLAND, VIRGINIA	002	SPY-1D TEST AND EVALUATION FAC ADDITION	3,300	New
MARINE CORPS COMBAT DEV COMMAND IANTICO, VIRGINIA	058	PHYSICAL TRAINING FACILITY	8,690	Current
AVAL STATION	099A	PIER ENHANCEMENTS	4,700	Current

Department of the Navy
FY 2001 Military Construction and Family Housing Program
Mission Status Index

Installation/Location	Proj No.	Project Title	Cost ($000)	Mission Status
NORFOLK, VIRGINIA				
NAVAL AIR STATION NORFOLK, VIRGINIA	113	TAXIWAY EXTENSION AND LIGHTS	6,350	Current
DAHLGREN DIV, NAVAL SURFACE WARFARE CTR DAHLGREN VIRGINIA	285	INNOVATION TECHNOLOGY AND INFRASTRUCTURE	11,300	New
NAVAL AMPHIBIOUS BASE LITTLE CREEK, VIRGINIA	371	WATERFRONT OPERATIONS BUILDING	2,830	Current
NORFOLK NAVAL SHIPYARD PORTSMOUTH, VIRGINIA	504	BACHELOR ENLISTED QUARTERS	16,100	Current
NAVAL AIR STATION NORFOLK, VIRGINIA	522	AIRCRAFT MAINTENANCE HANGAR	11,800	Current
NAVAL AIR STATION NORFOLK, VIRGINIA	524	AIRCRAFT MAINTENANCE HANGAR	13,300	Current
NAVAL AIR STATION OCEANA, VIRGINIA	758	AIRFIELD IMPROVEMENTS	5,250	Current
WASHINGTON				
PUGET SOUND NAVAL SHIPYARD BREMERTON, WASHINGTON	341	PIER REPLACEMENT (INCREMENT I)	38,000	Current
PUGET SOUND NAVAL SHIPYARD BREMERTON, WASHINGTON	343	OILY WASTEWATER COLLECTION	6,600	Current
STRATEGIC WEAPONS FACILITY PAC BREMERTON, WASHINGTON	945	EXPLOSIVES HANDLING WHARF MODIFICATIONS	1,400	Current
		Outside The United States		
ITALY				
NAVAL SUPPORT ACTIVITY NAPLES, ITALY	201	BACHELOR ENLISTED QUARTERS	15,000	Current
NAVAL AIR STATION SIGONELLA, ITALY	620	COMMUNITY FACILITIES	32,029	Current
SOUTH WEST ASIA				
NAVAL ADMIN SUPPORT UNIT SOUTHWEST ASIA	904	OPERATIONS CENTER	19,400	Current
		Various Locations		
Various Locations				
VARIOUS LOCATIONS	608	BACHELOR ENLISTED QUARTERS & DINING FAC	11,500	Current

Department of the Navy
FY 2001 Military Construction and Family Housing Program
Installation Index

Installation	Location	DD1390 PageNo.
	A	
MARINE CORPS LOGISTICS BASE	ALBANY, GEORGIA	143
	B	
MARINE CORPS AIR STATION	BEAUFORT, SOUTH CAROLINA	283
PUGET SOUND NAVAL SHIPYARD	BREMERTON, WASHINGTON	357
STRATEGIC WEAPONS FACILITY PAC	BREMERTON, WASHINGTON	371
NAVAL AIR STATION BRUNSWICK	BRUNSWICK ME	209
	C	
COMMANDER IN CHIEF, PACIFIC	CAMP H.M. SMITH, HAWAII	155
MARINE CORPS BASE	CAMP LEJEUNE, NORTH CAROLINA	233
NAVY DETACHMENT	CAMP NAVAJO, ARIZONA	25
MARINE CORPS BASE	CAMP PENDLETON CALIFORNIA	37
MARINE CORPS AIR STATION	CHERRY POINT, NORTH CAROLINA	255
NAVAL AVIATION DEPOT	CHERRY POINT, NORTH CAROLINA	261
	D	
DAHLGREN DIV, NAVAL SURFACE WARFARE CTR	DAHLGREN VIRGINIA	301
	E	
NAVAL WEAPONS STATION	EARLE, NEW JERSEY	227
	F	
NAVAL SURFACE WARFARE CENTER DETACHMENT	FORT LAUDERDALE, FLORIDA	127
	G	
NAVAL TRAINING CENTER	GREAT LAKES, ILLINOIS	191
	I	
NAV EXPLOSIVE ORDNANCE DISPOSAL TECH DIV	INDIAN HEAD, MARYLAND	215
	K	
MARINE CORPS BASE	KANEOHE BAY, HAWAII	163
TRIDENT REFIT FACILITY	KINGS BAY, GEORGIA	149
NAVAL AIR STATION	KINGSVILLE, TEXAS	295
	L	
NAVAL AIR STATION	LEMOORE CALIFORNIA	47
NAVAL AMPHIBIOUS BASE	LITTLE CREEK, VIRGINIA	307
NAVAL UNDERSEA WARFARE DETACHMENT	LUALUALEI, HAWAII	169
	M	
NAVAL AIR STATION	MERIDIAN MISSISSIPPI	221
MARINE CORPS AIR STATION	MIRAMAR, CALIFORNIA	53
	N	
NAVAL SUBMARINE BASE	NEW LONDON, CONNECTICUT	99

Department of the Navy
FY 2001 Military Construction and Family Housing Program
Installation Index

Installation	Location	DD1390 PageNo.
MARINE CORPS AIR STATION	NEW RIVER, NORTH CAROLINA	
NEWPORT DIV, NAVAL UNDERSEA WARFARE CTR	NEWPORT, RHODE ISLAND	277
NAVAL AIR STATION	NORFOLK, VIRGINIA	313
NAVAL STATION	NORFOLK, VIRGINIA	327
NAVAL AVIATION DEPOT	NORTH ISLAND, CALIFORNIA	59
NAVAL AIR STATION	NORTH ISLAND, SAN DIEGO, CA	65
	O	
NAVAL AIR STATION	OCEANA, VIRGINIA	333
	P	
MARINE CORPS RECRUIT DEPOT	PARRIS ISLAND, SOUTH CAROLINA	289
FLEET INDUSTRIAL SUPPLY CENTER	PEARL HARBOR, HAWAII	175
NAVAL STATION	PEARL HARBOR, HAWAII	181
NAVAL AIR WARFARE CENTER, WEAPONS DIV	POINT MUGU, CALIFORNIA	75
PT HUENEME DIV, NAV SURFACE WARFARE CTR	PORT HUENEME, CALIFORNIA	81
NORFOLK NAVAL SHIPYARD	PORTSMOUTH, VIRGINIA	339
	Q	
MARINE CORPS COMBAT DEV COMMAND	QUANTICO, VIRGINIA	345
	S	
NAVAL STATION	SAN DIEGO, CALIFORNIA	87
	T	
MARINE CORP AIR-GROUND COMBAT CTR	TWENTYNINE PALMS, CALIFORNIA	93
	W	
AEGIS COMBAT SYSTEMS CENTER	WALLOPS ISLAND, VIRGINIA	351
COMMANDANT NAVAL DISTRICT WASHINGTON	WASHINGTON, D. C.	105
WASHINGTON MARINE BARRACKS, 8TH & I ST	WASHINGTON, DC	111
NAVAL RESEARCH LABORATORY,	WASHINGTON, DISTRICT OF COLUMBIA	119
NAVAL AIR STATION	WHITING FIELD, FLORIDA	133
	Y	
MARINE CORPS AIR STATION	YUMA, ARIZONA	31

MILITARY CONSTRUCTION, NAVY

For acquisition, construction, installation, and equipment of temporary or permanent public works, naval installations, facilities, and real property for the Navy as currently authorized by law, including personnel in the Naval Facilities Engineering Command and other personal services necessary for the purposes of this appropriation, [$896,869,000] $753,422,000 to remain available until September 30, [2004] 2005. Provided, that of this amount, not to exceed [$72,298,000] $63,335,000 shall be available for study, planning, design, architect and engineer services, as authorized by law, unless the Secretary of Defense determines that additional obligations are necessary for such purposes and notifies the Committees on Appropriations of both Houses of Congress of his determination and the reasons therefor.

Military Construction, Navy
Program and Financing (in Thousands of dollars)

Identification code 17-1205-0-1-051	Budget Plan (amounts for MILITARY CONSTRUCTION actions programed)			Obligations		
	1999 actual	2000 est.	2001 est.	1999 actual	2000 est.	2001 est.
Program by activities:						
Direct program:						
00.0101 Major construction	538,613	849,183	682,428	584,714	614,646	657,147
00.0201 Minor construction	9,900	8,426	7,659	17,446	7,051	7,356
00.0301 Planning	59,836	72,390	63,335	55,679	61,152	60,490
00.9101 Total direct program	608,349	929,999	753,422	657,839	682,849	724,993
01.0101 Reimbursable program	219,699	354,000	354,000	364,338	354,000	354,000
10.0001 Total	828,048	1,283,999	1,107,422	1,022,177	1,036,849	1,078,993
Financing:						
Offsetting collections from:						
11.0001 Federal funds(-)	-219,699	-354,000	-354,000	-361,188	-354,000	-354,000
17.0001 Recovery of prior year obligations				-5,205		
Unobligated balance available, start of year:						
21.4002 For completion of prior year budget plans				-222,602	-148,262	-395,412
21.4009 Reprograming from/to prior year budget plan	-26,905					
22.2001 Unobligated balance transferred from other ac	-1,010	-33,130		-1,010	-33,130	
Unobligated balance available, end of year:						
24.4002 For completion of prior year budget plans				148,262	395,412	423,841
25.0001 Unobligated balance expiring	28,019			28,019		
39.0001 Budget authority	608,453	896,869	753,422	608,453	896,869	753,422
Budget authority:						
40.0001 Appropriation	604,593	901,531	753,422	604,593	901,531	753,422
40.1501 Appropriation (emergency)	5,860			5,860		
40.3501 Appropriation rescinded (-)	-2,000			-2,000		
40.7601 Reduction pursuant to P.L. 106-113(-), Titl		-4,662			-4,662	
43.0001 Appropriation (adjusted)	608,453	896,869	753,422	608,453	896,869	753,422
Relation of obligations to outlays:						
71.0001 Obligations incurred				660,989	682,849	724,993
72.1001 From Federal sources: Receivables and unpaid, unfilled orders, SOY				-419,249	-408,035	-408,035
72.4001 Obligated balance, start of year				1,274,848	1,234,854	1,279,097
74.1001 From Federal sources: Receivables and unpaid, unfilled orders, EOY				408,035	408,035	408,035
74.4001 Obligated balance, end of year				-1,234,854	-1,279,097	-1,216,633
77.0001 Adjustments in expired accounts (net)				-10,103		
78.0001 Adjustments in unexpired accounts				-5,205		
90.0001 Outlays (net)				674,461	638,606	787,457

Military Construction, Navy
Object Classification (in Thousands of dollars)

Identification code 17-1205-0-1-051		1999 actual	2000 est.	2001 est.
	Direct obligations:			
	Personnel compensation:			
111.101	Full-time permanent	96,670	112,776	114,829
111.301	Other than full-time permanent	4,299	3,951	4,096
111.501	Other personnel compensation	3,895	4,478	3,849
111.801	Special personal services payments	254		
111.901	Total personnel compensation	105,118	121,205	122,774
112.101	Civilian personnel benefits	22,455	28,710	30,322
113.001	Benefits for former personnel	3,209	2,808	14,033
121.001	Travel and transportation of persons	5,714	7,005	7,520
122.001	Transportation of things	1,401	1,677	1,800
123.201	Rental payments to others	1,171	1,767	1,897
123.301	Communications, utilities, and miscellaneous charges	2,704	3,698	3,970
124.001	Printing and reproduction	1,334	2,006	2,153
	Purchases goods/services from Government accounts			
125.302	Payments to foreign national indirect hire personnel	344	352	405
125.701	Operation and maintenance of equipment	605	1,002	1,076
126.001	Supplies and materials	2,986	3,167	3,400
131.001	Equipment	6,045	3,147	3,378
132.001	Land and structures	504,753	506,305	531,865
199.001	Total Direct obligations	657,839	682,849	724,593
	Reimbursable obligations:			
	Personnel Compensation:			
211.101	Full-time permanent	35,037	42,626	26,658
211.301	Other than full-time permanent	4,503	1,789	1,328
211.501	Other personnel compensation	1,597	660	562
211.901	Total personnel compensation	41,137	45,075	28,548
212.101	Civilian personnel benefits	10,090	12,928	8,307
221.001	Travel and transportation of persons	4,666	5,576	5,810
222.001	Transportation of things	65	59	61
223.201	Rental payments to others	1,641	1,946	2,028
223.301	Communications, utilities, and miscellaneous charges	142	231	241
224.001	Printing and reproduction	594	723	753
225.701	Operation and maintenance of equipment	14	25	26
226.001	Supplies and materials	176	2	2
231.001	Equipment	787	191	199
232.001	Land and structures	305,026	287,244	308,025

Military Construction, Navy
Object Classification (in Thousands of dollars)

Identification code 17-1205-0-1-051		1999 actual	2000 est.	2001 est.
299.001	Total Reimbursable obligations	364,338	354,000	354,000
	Allocation Accounts			
	Personnel compensation:			
311.101	Full-time permanent			10
311.301	Other than full-time permanent			5
311.501	Other personnel compensation			1
311.901	Total personnel compensation			16
312.101	Civilian personnel benefits			1
321.001	Travel and transportation of persons			9
322.001	Transportation of things			5
326.001	Supplies and materials			54
332.001	Land and structures			315
399.001	Total Allocation Accounts			400
999.901	Total obligations	1,022,177	1,036,849	1,078,993
	Obligations are distributed as follows:			
	Defense-Military:Navy		817,168	876,715
	Department of Transportation			400
	Total Obligations		817,168	877,115

DEPARTMENT OF THE NAVY
FY 2001 BIENNIAL MILITARY CONSTRUCTION PROGRAM

SPECIAL PROGRAM CONSIDERATIONS

POLLUTION ABATEMENT:
The military construction projects in this program will be designed to meet environmental standards. The Military construction projects proposed are primarily for the abatement of existing pollution problems at Naval and Marine Corps installations and have been reviewed to ensure that corrective design is accomplished in accordance with specific standards and criteria.

ENERGY CONSERVATION:
The military construction projects proposed in this program will be designed for minimum energy consumption.

FLOODPLAIN MANAGEMENT AND WETLANDS PROTECTION:
Proposed land acquisition, disposals, and installation construction projects have been planned to allow the proper management of floodplains and the protection of wetlands by avoiding long and short-term adverse impacts, reducing the risk of flood losses, and minimizing the loss or degradation of wetlands. Project planning is in accordance with the requirements of Executive Order Numbers 11988 and 11990.

DESIGN FOR ACCESSIBILITY OF PHYSICALLY HANDICAPPED PERSONNEL:
In accordance with Public Law 90-480, provisions for physically handicapped personnel will be provided for, where appropriate, in the design of facilities included in this program.

PRESERVATION OF HISTORICAL SITES AND STRUCTURES:
Facilities included in this program do not directly or indirectly affect a district, site, building, structure, object or setting listed in the National Register of Historic Places, except as noted on the DD Form 1391.

PLANNING IN THE NATIONAL CAPITAL REGION:
Projects located in the National Capital Region are submitted to the National Capital Planning Commission for budgetary review and comment as part of the commission's annual review of the Future Years Defense Program (FYDP). Construction projects within the District of Columbia, with the exception of the Bolling/Anacostia area, are submitted to the Commission for approval prior to the start of construction.

ENVIRONMENTAL PROTECTION:
In accordance with Section 102(2)(c) of the National Environmental Policy Act of 1969 (Public Law 91-190), the environmental impact analysis process has been completed or is actively underway for all projects in the military construction program.

ECONOMIC ANALYSIS:
Economics are an inherent aspect of project development and design of military construction projects. Therefore, all projects included in this program represent the most economical use of resources. Where alternatives could be evaluated, a primary economic analysis was prepared.

CONSTRUCTION CRITERIA MANUAL:
Project designs conform to Part II of Military Handbook 1190, "Facility Planning and Design Guide."

CONGRESSIONAL REPORT REQUIREMENTS:

a. Headquarters, Commander-in-Chief, Pacific Fleet

- The HASC recommended deferral of this project. The committee noted the authority recommended in section 2802 of this Act to further the development of Ford Island, Hawaii, for the support of the military activities of the Department of the Navy and other military activities of the Department of Defense. The committee directed the Secretary of the Navy to study the viability of the relocation of the headquarters, Commander-in-Chief, Pacific Fleet, to Ford Island and to assess the adequacy of those authorities provided in section 2802 of this Act to support the development of appropriate headquarters facilities on Ford Island. The committee further directed the Secretary to complete the study and assessment, as part of the master plan for the development of Ford Island, Hawaii, required by that section.

- The CASC authorized the funding of $15,870,000 for this project..

- (HAC) The Committee originally denied $15,870,000 for this project. The Committee recommendation is based on authority recommended in section 2802 of the National Defense Authorization Act for fiscal year 2000 to further the development of Ford Island, Hawaii. The Secretary of the Navy is directed to report to the Committee by January 15, 2000 on the feasibility of using authorities granted for the development of Ford Island in relocating the CINCPLCFLT headquarters to that site.

b. Development of Ford Island, Hawaii (SASC Sec. 2862) (HASC Sec 2802)

- The CASC authorized a provision that authorizes a series of special authorities for the development of Ford Island, Hawaii, by the Secretary of the Navy. The authorities authorize the Secretary to convey or lease excess real or personal property in the State of Hawaii for the purpose of facilitating such development and authorize the Secretary to accept a lease of any facility constructed under this authority in lieu of cash payment for the sale or lease of real property under this authority. This provision requires the Secretary of the Navy to submit a master plan for the development of Ford Island to the appropriate committees of Congress 30 days prior to exercising any of the authorities provided by this section. The provision also

requires the Secretary, 30 days prior to the commencement of any lease, sale, or exchange of real property, to submit to the Congressional defense committees a report detailing the terms and conditions of any transaction. This section prohibits the Secretary from acquiring, constructing, or improving military family housing or unaccompanied personnel housing under this authority in lieu of the authority provided by subchapter IV, chapter 169 of title 10, United States Code. The provision authorizes the Secretary to transfer funds from the Ford Island Improvement Account to the Department of Defense Family Housing Improvement Fund and the Department of Defense Military Unaccompanied Housing fund for such purposes. The CASC language limits the property the Secretary may lease to any public or private sector entity to parcels not required for current operations.

c. Unspecified Minor Construction:

- The HASC recommended that, within authorized amounts for unspecified minor construction, the Secretary of the Navy execute the following project: $950,000 for an Aircraft Parts Staging Facility at Naval Aviation Depot, Jacksonville, Florida.

- The CASC did not have this language, they authorized appropriation in the amount of $7,342,000 requested in the budget as per Section 2805 of Title 10, United States Code.

- (SAC) Learning Resource Center, NAVSTA, Pascagoula, MS – The Committee directs that not less than $920,000 of the unspecified minor construction funds be made available to construct this project.

- Apron Modifications, NAS, Whiting Field, FL – The Committee directs that not less than $600,000 of the unspecified minor construction funds be made available to construct this project.

d. General Reduction:

- (HASC Sec 2204(c)) The total amount authorized to be appropriated is reduced by $19,300,000, which represents the combination of project savings in military construction resulting from favorable bids, reduced overhead charges, and cancellations due to force structure changes.

- (CASC Sec 2204(c)) The total amount authorized to be appropriated is reduced by $30,227,000, which represents the combination of project savings in military construction resulting from favorable bids, reduced overhead charges, and cancellations due to force structure changes. It is further reduced by $3,000,000 based on a re-estimation of inflation. Family Housing amount authorized was reduced by $4,600,000 due to reestimation of inflation ($1,000,000 for Family Housing Construction and $3,600,000 for Family Housing Support).

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- (HAC) – The Committee believes the amount requested for construction contingencies (5% for new construction and 10% for alterations or additions) is excessive. The Committee has learned that contingency funds have been inappropriately used to upgrade projects that already met the basic requirement. Therefore, the Committee has included provision (Sec128) and eliminated contingency funds in the amount of $131,177,000.

- (SAC) The Committee believes the amount requested for construction contingencies (5% for new construction and 10% for alterations or additions) is excessive. The Committee has learned that contingency funds have been inappropriately used to upgrade projects that already met the basic requirement. Therefore, the Committee has included provision (Sec125) and eliminated the contingency funds in the amount of $278,051,000.

- (CAC) - The conferees agree that the amount requested for construction contingencies, 5 percent for new construction and 10 percent for alterations or additions, is excessive. Therefore, the conferees have included general reductions that reduce the funding available for contingency within the Department. The conferees direct that no project for which funds were previously appropriated, or for which funds are appropriated in this bill, may be canceled as a result of the reductions included in the conference agreement.

e. Re-estimation of Inflation - (CAC) The conference agreement includes reductions totaling $25,900,000 which result from re-estimation of inflation undertaken by the Office of Management and Budget as part of the mid-session review of the budget request. The conferees direct the Department to distribute these reductions proportionally against each project and activity in each account.

f. Acquisition of Prepositioned Equipment Maintenance Facilities, Blount Island, Jacksonville, Florida

- The HASC noted the recent approval by the Secretary of Defense of a waiver of the current moratorium on land acquisition for the purchase of the afloat prepositioning maintenance facilities at Blount Island, Jacksonville, Florida, currently operated under lease by the Marine Corps. The committee noted that these facilities are critical to the prepositioning support of the Marine Corps. The committee has noted previously that ownership of these facilities could save the Department of the Navy between six and seven million dollars annually. In an effort to ensure the continued readiness of the Marine Corps, the need for strategic placement of prepositioning facilities, and the desire to obtain the most cost-effective solution to prepositioning operations, the committee strongly urged the Secretary of the Navy to proceed with those actions necessary to bring this acquisition to completion at the earliest possible time.

- The CASC noted the recent approval by the Secretary of Defense of a waiver of the current moratorium on land acquisition for the purchase of the afloat prepositioning maintenance facility at Blount Island, Jacksonville, Florida currently operated under lease by the Marine

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Corps. The CASC acknowledged that these facilities are critical to the prepositioning support of the Marine Corps and further noted that ownership of these facilities would save the Department of the Navy between six and seven million dollars annually. In an effort to ensure continued readiness of the Marine Corps, the need for strategic placement of prepositioning facilities, and the desire to obtain the most cost-effective solution to prepositioning operations, the CASC expects the Secretary of the Navy to proceed with those actions necessary to bring this acquisition to completion at the earliest possible time.

- (SAC) The Committee noted that the Secretary of Defense has approved a waiver of the moratorium on land acquisition for the purchase of the facilities at Blount Island. The Committee encourages the Secretary of the Navy to proceed with the acquisition of these facilities at the earliest possible date.

g. Correction in Authorized Use of Funds, Marine Corps Combat Development Command, Quantico, Virginia.

- The CASC noted that the sanitary landfill at the Marine Corps Combat Development Command, Quantico, Virginia authorized by the Military Construction Authorization Act for Fiscal Year 1997 (Division B of Public Law 104-201) is no longer required. The conferees agreed to extend the funds for the sanitary landfill and direct the Secretary of the Navy to submit a report detailing the need for the infrastructure improvements project with the fiscal year 2001 budget request.

- (CAC) Mission growth at Quantico over the past decade has put an enormous amount of stress on the basic infrastructure there. In fact, past efforts to program the construction of new facilities at the installation have failed due to the lack of basic infrastructure. The conferees are aware of plans to provide utilities and road structures at Quantico to correct current facility deficiencies. The project will also open approximately 500-800 acres for future development. The conferees agree this project is needed for continued growth and development of the base. Therefore, the Navy is directed to accelerate the design of this project and include the required funding in its fiscal year 2001 budget request.

h. Radio Transmitting Facility Towers at Naval Station, Annapolis, Maryland
The CASC authorized a provision that directs the Secretary of the Navy to delay for one year the demolition of radio transmission towers at Naval Station, Annapolis, Maryland, and authorize the conveyance of the towers, in an 'as is' condition, to the State of Maryland or Anne Arundel County, Maryland, if either agrees to accept the towers.

i. Child Development Centers – (HAC) The Committee recognizes the increased importance of child development centers and encourages the Department to maintain all efforts possible to meet 80 percent of the child care need.

j. Privatization of Utility Systems – (HAC) The Committee is concerned that sale of utility systems may result in a substantial increase in long-term utility costs to the Government and a concomitant increase in O&M requirements. It urges the Department to study carefully the economic consequences of privatization before divesting the Government's interest in any military utility system. Additionally, the Committee encourages the Department to assure the military services are coordinating their utility privatization efforts in co-located areas.

k. European Construction –

- (HAC) The United States European Command is faced with a $4.7 billion backlog in maintenance and repair. This lack of funding and the numerous deployments and contingency operations over the past few years has put an enormous amount of stress on the infrastructure in the region. Through the inclusion of $475,000,000 in the 1999 Emergency Supplemental Appropriations Act, the Congress has recognized the severe need for facility upgrades in the European theatre. The Department is directed to appropriately budget to correct these deficiencies. Page 385 is in response to the Committee requirement contained on page 10 of the HAC report.

- (CAC) The conference agreement does not provide funding for European military construction projects. The conferees direct the Department to use funds that were appropriated in the Fiscal Year 1999 Emergency Supplemental Appropriations Act (Public Law 106-31) to provide full funding for these projects.

l. Metric Conversion – (HAC) The Committee directs the Comptroller of the Department of Defense to assure that any Form 1390/1391, which is presented as justification in metric measurement, shall include parenthetically the English measurement. The metric and equivalent English measurements are provided in Block 11 of each DD1391.

m. Concord Naval Weapons Station, California – (HAC) The significant downsizing planned at the station has raised the issue of potential use of the property by the surrounding community. The Committee directs the Secretary of the Navy to conduct a joint-use study examining the potential for joint use by civilians and military entities that is consistent with missions of the Navy and Army and the needs of the surrounding community. The study shall be conducted by the Navy in conjunction with the Army; the cities of Concord, Martinez, and Pittsburgh; Contra Costa County; the Communities of Clyde and Bay Point; and the East Bay Regional Parks District. The report is to be submitted to the Committee no later than January 15, 2000.

n. Lemoore Naval Air Station, California: Quality of Life Conditions – (HAC) The Committee has been informed that a recent survey at Lemoore confirmed that the living conditions diminish morale and may threaten pilot retention rates. Considering the cost of training these pilots, as well as the critical importance of the F/A-18's to the Navy's future, the Navy is directed to accelerate the design of quality of life projects at Lemoore NAS, and to include the required construction funding in its fiscal year 2001 budget request. Additionally, the

Secretary of the Navy is directed to report to the Committee by January 15, 2000 on the plan and schedule for addressing the critical quality of life conditions at Lemoore NAS. Page 49 is in response to the Committee requirement contained on page 14 of the HAC report.

o. Design

- (HAC) Port Hueneme, California: Combat Systems Integration Lab –The Navy is directed to accelerate design of the Combat System Integration Lab at the Port Hueneme Division of the Naval Surface Warfare Center, and to include funding for this project in its fiscal year 2001 budget request. Page 83 is in response to the Committee requirement contained on page 15 of the HAC report.

- Earle Naval Weapons Station, New Jersey: Pier 2 –The Committee has learned that structural testing and engineering analyses of the pier have found major areas of deterioration. Accordingly, the Committee has concerns about the safety of conducting operations at Pier 2. Therefore, the Navy is directed to accelerate the design of this project and to include the required construction funding in its fiscal year 2001 budget request.

- (SAC) Naval Submarine Base, Bangor, WA – In the Senate report accompanying the fiscal year 1999 Military Construction Appropriation Bill, the Department was directed to make $1 million available from the "DoD dependent school" account for the design of a facility to serve the Bangor installation and to award a contract for the planning and design as early as practical in fiscal year 1999. Despite this language, the Department has not proceeded with this contract. The funds remain available, and the Committee directs the Navy and the Department of Defense to proceed immediately with the design, planning, and site preparation activities associated with this facility.

p. School Facilities Study – (SAC) The Committee is concerned about the adequacy of special education services available to the dependent children of uniformed personnel, particularly on those installations identified as compassionate assignment posts. Accordingly, the Committee has included a provision (Sec 126) which directs the Secretary to provide a report, by April 30, 2000, detailing the following: (1) a survey of schools on military installations in the U.S. that are operated by either the DoD or local school districts; (2) a survey of school districts in the continental U.S. that have experienced an increase in enrollment of 20% or more in the past five years resulting from base realignments or consolidations; and (3) an assessment of the impact of increased special education requirements on school districts in areas designated by the military departments as compassionate assignment posts. The Committee further directs the Secretary to assess the adequacy of special education services and to recommend corrective measures such as the renovation of existing schools or construction of new schools, a cost estimate of needed improvements, and a recommended source of funding within the Department of Defense.

q. Roosevelt Roads Naval Station, Puerto Rico – (HAC) The Committee is concerned that the land dispute with the City of Ceiba has not been resolved. The Committee is aware that the City of Ceiba has developed several cooperative use proposals and would like to reach an agreement with the Navy

on a mutually beneficial plan for this land. The Secretary of the Navy is directed to report to the Committee by January 15, 2000 on a schedule for developing a plan agreeable to both the Navy and the City of Ceiba to resolve this land dispute.

r. Naval Reserve Unspecified Minor Construction –

- (HAC) The Committee directs the Naval Reserve to execute a project in the amount of $720,000 to provide a fire training facility at the Fort Worth Joint Reserve Base in Texas. [Note: P-018, Fire Fighting Training Facility, NAS Fort Worth]

- (SAC) Ground Support Equipment Holding Shed, NAS, Willow Grove, PA – The Committee directs that not less than $640,000 of the unspecified minor construction funds within the Naval Reserve account be made available to construct this project. [Note: This project was also added to the MCNR major construction program.]

- (SAC) Water Storage Tank, NAS, Memphis, TN – The Committee directs that not less than $1,050,000 of the unspecified minor construction funds within the Naval Reserve account be made available to construct this project. [Note: this is not a valid MCNR project. It needs to be funded from active Navy funding]

s. Reporting Threshold for General and Flag Quarters -

- (HAC) Furthermore, not more than $15,000 per unit can be spend annually for the maintenance and repair of any general or flag officer quarters without the prior notification of the appropriate committees of Congress. [Note: This is a decrease from the current threshold of $25,000.]

- (SAC) Naval Flag Officer Quarters – The Committee understands that the Navy has spent a total of $5,500,000 from the " Operation and Maintenance, Navy" appropriation to maintain, repair, and preserve three flag officer quarters from fiscal years 1992 through 1999. In addition, "Family Housing, Navy" appropriation funding was used to supplement these major renovation initiatives. The use of the Operation and Maintenance appropriation for family housing renovations is considered inappropriate, and the Navy's designation of senior flag officers' quarters as representational, appeared to be an attempt to circumvent the Congressional control regarding the limits on expenditures on flag and general officers' quarters. Further, the Navy has systematically failed to notify the Congress that these renovations and other family housing improvements were planned and ongoing and that some of these projects exceeded cost variation guidelines. Accordingly, the Committee has included a new provision (Sec 124) which requires congressional notification of any expenditure of $25,000 or more for repair and maintenance of flag and general officers' quarters.

- (CAC) The conferees were dismayed to learn the Air Force, in addition to the Navy, has in recent years supplemented family housing funds with regular operations and maintenance funds on general and flag officer quarters. Therefore, the conferees have no recourse but to

include a general provision (Section 128) which statutorily prohibits the mixing of operations and maintenance and family housing funds on all family housing units, including general officer quarters.

- The conferees will continue the existing notification requirement to the appropriate committees of Congress when maintenance and repair costs will exceed $25,000, instead of $15,000 as proposed by the House, for a unit not requested in the budget justification. However, beginning January 15, 2000, the Under Secretary of Defense (Comptroller) is to report on an annual basis all operations and maintenance expenditures for each individual flag and general officer quarters.

t. General and Flag Officer Quarters: Change in Occupancy Work – (HAC) The Committee continues the notification requirement when maintenance and repair costs for change in occupancy work for a unit will exceed the amount submitted in the budget justification by 25 percent or $5,000, whichever is less.

u. Housing Privatization – (HAC) In view of the sluggish implementation of the Privatization Initiative to date, the Committee believes abandonment of traditional family housing construction is an inappropriate strategy for the military services to pursue. Further, the Committee is concerned that Office of Management and Budget scoring requirements are driving privatization transactions rather than good business practices. The Committee is also concerned that the Department is permitting the military services, in an apparent breach of fiduciary responsibility, to give away valuable Federal land and facilities without adequate consideration in order to facilitate privatization deals with developers. The Committee believes a "pilot project" approach is the best method to warrant success for each of the military services and urges the Department to reflect this approach in future budget requests.

v. Family Housing Master Plans - (HAC) Section 129 of the bill directs that the Army, Navy, Marine Corps and Air Force to submit to the appropriate committees of Congress by June 1, 2000, a Family Housing Master Plan demonstrating how they plan to meet the Department's goal to eliminate all inadequate housing by 2010 with traditional construction, demolition, operation and maintenance support, as well as privatization initiative proposals. The Committee commends the Air Force for recently completing its two year effort which involved installation visits to document the existing conditions of base housing units, initially assess the feasibility of housing privatization and to produce an installation plan. The Army, Navy and Marine Corps are directed to mirror the Air Force's efforts.

w. Hunters Point Naval Shipyard, California – (HAC) The Committee believes that the necessary funding to achieve the environmental cleanup goals should be allocated by the Navy to coincide with the implementation of the City's land re-use and redevelopment plans. The Committee directs the Secretary of the Navy to report to the Committee no later than January 15, 2000 on the progress being made to complete the timely transfer and redevelopment of Hunters Point Naval Shipyard.

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x. Louisville Naval Ordnance Station, Kentucky - (HAC) Due to continued discussion between the State of Kentucky Department of Natural Resources and the Department of the Navy over the extent of the cleanup for external environmental remediation, the property has not been conveyed to the Louisville/Jefferson County Redevelopment Authority (LJCRA). The Committee directed the Navy to immediately begin Economic Development Conveyance (EDC) negotiations with the LJCRA. The Committee believes the EDC should provide an early transfer of the land and facilities, at no cost, to the LJCRA. The conveyance should be subject to the following conditions: the Navy will continue to address the cost of groundwater remediation and continue to be responsible for, and defend and indemnify the LJCRA against, any and all environmental concerns created by the Navy, as specified under the current lease, state, and federal regulations; and the LJCRA will assume responsibility for all remaining necessary repairs, code violations, and infrastructure modifications unrelated to environmental investigations or remediation at the Station. The Secretary of the Navy is directed to report to the Committee no later than September 15, 1999, on the status of negotiations and the estimated date for the early conveyance of the Station.

y. Dallas Naval Air Station, Texas – (HAC) The Dallas Naval Air Station was slated for closure by the 1993 Base Realignment and Closure Commission. The Secretary of the Navy is directed to report to the Committee by January 15, 2000 on the current status of ongoing efforts with emphasis on the following activities: building demolition, building fireproofing, and drinking water remediation. This report is to include the estimated dates for completion of all remediation activities.

z. Real Property Maintenance Reporting – (SAC) The Committee recommends a continuation of the current guidelines for repairing a facility. Components of the facility may be repaired by replacement, and such replacements may be up to current standards or code. Interior arrangements and restorations may be included as repairs but additions, new facilities, and functional conversions must be performed as military construction projects. Such projects may be done concurrent with repair projects, as long as the final project is a complete and usable facility. The appropriate Service Secretary shall submit a 21-day notification prior to carrying out any repair project with an estimated cost in excess of $10 million.

aa. Service Academy Military Construction Master Plan - (CAC) The conferees direct the Under Secretary of Defense (Comptroller) and the Under Secretary of Defense (Acquisition and Technology) to conduct a joint review of the Service Academies' military construction, family housing, and operations and maintenance requirements in this or any other Act. This review is to be completed in conjunction with the services and result in the development of a Service Academy Master Plan. Accordingly, the conferees direct the Secretary of Defense to submit the plan to the congressional defense committees no later than March 1, 2000. Any future requirements at an Academy must be included in the Master Plan. Furthermore, after the Service Academy Master Plan is submitted, any emergent requirements not included in the plan will require notification of the congressional defense committees.

bb. BRAC Construction Projects: Administrative Provision - (CAC) The conferees agree that any transfer of funds which exceeds reprogramming thresholds for any construction project

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financed by any Base Realignment and Closure Account shall be subject to a 21-day notification to the Committees, and shall not be subject to reprogramming procedure.

cc. BRAC Construction Budget Data - (CAC) The conferees are concerned about the accuracy and reliability of the base realignment and closure (BRAC) construction budget data provided annually to the Congress. The Office of the Department of Defense Inspector General and the General Accounting Office recently found that the Services submitted BRAC military construction data in the fiscal years 1997 through 1999 military construction budgets based on overstated requirements and unsupported specifications and costs. They also found that the major commands of the Services did not effectively implement management control procedures established for the BRAC military construction planning, programming and budgeting process. This has resulted in overstated and invalid BRAC requirements and lack of supporting documentation. The conferees direct the Department to take the necessary corrective action to ensure that these deficiencies are corrected in the fiscal year 2001 budget submission.

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1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N69035	4. Command	5. Area Constr Cost Index
NAVY DETACHMENT CAMP NAVAJO ARIZONA	STRATEGIC SYSTEMS PROGRAM OFFICE	0.98

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 6/30/99	0	0	0	0	0	0	0	0	0	0
b. End FY 2006	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (0.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999.....	0.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	2,940.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	0.00
g.	REMAINING DEFICIENCY.....	4,680.00
h.	**GRAND TOTAL**.....	**7,620.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Complete
421.72	MAGAZINE MODERNIZATION	0 LS	2,940	12/98	05/01
	TOTAL		2,940		

9. Future Projects:

a. Included In The Following Program (FY 2002):

None

b. Major Planned Next Three Years:

None

c. Real Property Maintenance Backlog ($000): $ 0

10. Mission Or Major Functions:

To provide permanent storage of Trident I C-4 missile motor components. No permanent party Navy personnel will be assigned at Camp Navajo. Temporary details will be provided from SWFTPAC at NSB Bangor during motor handling operations.

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

304

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N69035	4. Project Title
NAVY DETACHMENT CAMP NAVAJO, ARIZONA	MAGAZINE MODERNIZATION

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0101228N	421.72	114	2,940

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
MAGAZINE MODERNIZATION	LS	-	-	2,620
SUPPORTING FACILITIES	LS	-	-	150
ELECTRICAL DISTRIBUTION SYSTEM MODIFICATIONS	LS	-	-	(150)
SUBTOTAL	-	-	-	2,770
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	2,770
Supervision Inspection & Overhead (6.0%)	-	-	-	170
TOTAL REQUEST	-	-	-	2,940
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

Modification of eight earth covered, reinforced concrete magazines (1,712 m2) to provide new larger motorized blast door and new headwall; waterproofing and insulation; power and environmental control systems; a new mechanical room; and, extension of the electrical distribution system with new overhead power lines to the modified magazines.

11. Requirement: 0 LS Adequate: 0 LS Substandard: 0 LS

PROJECT:

Modifications to existing missile magazines and extension of the electrical distribution system for the storage of TRIDENT I (C4) missile magazines. (New mission)

REQUIREMENT:

Adequately sized and appropriately sited facilities are required to provide safe, environmentally controlled storage of TRIDENT I (C4) missile motors in support of the TRIDENT II (D5) Pacific Fleet deployment schedule at the Strategic Weapons Facility, Pacific (SWFPAC). The current schedule requires initial TRIDENT II (D5) weapons system capability in FY2002. The phased conversion of existing TRIDENT I (C4) facilities and missile magazines at SWFPAC is planned to commence in FY2000. To ensure that suitable storage facilities are available for the displaced TRIDENT (C4)

(Continued On DD 1391C)

304

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N69035
NAVY DETACHMENT CAMP NAVAJO, ARIZONA

4. Project Title	7. Project Number
MAGAZINE MODERNIZATION	114

(...continued)

assets, 37 magazines at Camp Navajo require modification. The planned phasing of this effort is as follows: Phase I, FY2000 MILCON Project P-113 (19 magazines); Phase II, FY2001 MILCON Project P-114 (8 magazines); and, Phase III, FY2002 MILCON Project P-115 (10 Magazines).

CURRENT SITUATION:

SWFPAC currently supports the TRIDENT I (C4) weapon system and maintains this operational capability. SWFPAC has adequate storage facilities for this weapon system. However, the Department of Defense directed TRIDENT II D5 backfit program requires SWFPAC to provide proper environmental, safety, and security conditions to meet the transportation, operation and storage requirements of the larger TRIDENT II (D5) missile system. This is a new/expanded mission for the SWFPAC facility.

IMPACT IF NOT PROVIDED:

The Strategic Weapons Facility, Pacific will not be able to fulfill its mission as a TRIDENT II missile facility in support of the Pacific Fleet deployment schedule, nor will it have sufficient TRIDENT I(C4) missile storage capability.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 12/98
- (B) Date Design 35% Complete..... 09/99
- (C) Date Design Complete..... 05/01
- (D) Percent Complete As Of September 1999..... 35%
- (E) Percent Complete As Of January 2000..... 65%
- (F) Type of Design Contract..... Design/Bid/Build
- (G) Parametric Estimate used to develop cost..... No
- (H) Energy study/life-cycle analysis performed..... N/A

(2) Basis:
- (A) Standard or Definitive Design: Yes
- (B) Where Design Was Most Recently Used:

304

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N69035
NAVY DETACHMENT CAMP NAVAJO, ARIZONA

4. Project Title	7. Project Number
MAGAZINE MODERNIZATION	114

(...continued)

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
(A) Production of Plans and Specifications..... 157
(B) All Other Design Costs..... 104
(C) Total..... 261
(D) Contract..... 248
(E) In-House..... 13

(4) Contract Award..... 08/01

(5) Construction Start..... 09/01

(6) Construction Completion..... 05/03

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: Col Triphahn Phone No: (520) 773-3205

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M62974	4. Command	5. Area Constr Cost Index
MARINE CORPS AIR STATION YUMA ARIZONA	Commandant of the Marine Corps	1.12

6. Personnel Strength	Permanent			Students			Supported			
a. As Of	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
6/30/99	61	553	316	87	67	0	430	3,431	724	5,669
b. End FY 2006	51	500	330	116	67	0	425	3,003	731	5,223

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (462,616.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999	196,840.00
c.	AUTHORIZATION NOT YET IN INVENTORY	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM	8,200.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM	7,200.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS	7,876.00
g.	REMAINING DEFICIENCY	124,270.00
h.	**GRAND TOTAL**	**344,386.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
116.35	COMBAT A/C LOADING APRON	92,710 m2	8,200	12/98	04/02
	TOTAL		8,200		

9. Future Projects:

a. Included In The Following Program (FY 2002):

911.10	LAND ACQUISITION	1,641 AC	7,200
	TOTAL		7,200

b. Major Planned Next Three Years:

740.43	FITNESS CTR ADDN	0 LS	830
421.22	STA ORDNANCE AREA (PH I)	0 LS	7,046
	TOTAL		7,876

c. Real Property Maintenance Backlog ($000): $ 29,200

10. Mission Or Major Functions:

Provide facilities, services, and material necessary to support major operating elements of a Marine Aircraft Wing, including aircraft maintenance, air-traffic control, and aviation ordnance handling.

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M62974	4. Project Title
MARINE CORPS AIR STATION YUMA, ARIZONA	COMBAT AIRCRAFT LOADING APRON (CALA)

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0206496M	116.35	482	8,200

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
COMBAT AIRCRAFT LOADING APRON (CALA)	m2	92,710	-	6,510
COMBAT AIRCRAFT LOADING APRON & TAXIWAYS	m2	90,880	67	(6,090)
CREW BUILDING	m2	214	1,458	(310)
STAGING AREA	m2	1,616	27	(40)
BUILT-IN EQUIPMENT	LS	-	-	(70)
SUPPORTING FACILITIES	LS	-	-	1,230
ELECTRICAL UTILITIES	LS	-	-	(420)
MECHANICAL UTILITIES	LS	-	-	(270)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(480)
DEMOLITION	LS	-	-	(60)
SUBTOTAL	-	-	-	7,740
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	7,740
Supervision Inspection & Overhead (6.0%)	-	-	-	460
TOTAL REQUEST	-	-	-	8,200
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Concrete combat aircraft loading apron, taxiways, ordnance crew building, ordnance staging area, connecting roadways, utilities, fencing, and communications systems. Loading apron and taxiways will be a concrete slab over compacted sub base course with aircraft tiedowns and grounding grid with contact points, perimeter taxiway lights, painted deck markings, aircraft and personnel signs, concrete entrance and exit ways with taxiway lighting and shoulder stabilization on the CALA and taxiways. Ordnance crew building will be two-stories with a concrete slab, exterior masonry walls, observation windows, metal roof, interior sheet rock walls, air conditioning, fluorescent lighting, bathroom facilities, paved parking area, and storage. Ordnance Staging Area will be a paved area, a concrete pad, and a steel shade. Utilities will extend water, electrical and telephone service to the newly relocated ordnance area, will be sized to accommodate utility ducts under entrance, exit, and exit ways, and will include fire hydrants for the ordnance operations building and vehicle pad. Demolition of two structures and utilities.

(Continued On DD 1391C)

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M62974
MARINE CORPS AIR STATION YUMA, ARIZONA

4. Project Title	7. Project Number
COMBAT AIRCRAFT LOADING APRON (CALA)	482

(...continued)

11. Requirement: 92,710 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

Construct a Combat Aircraft Loading Apron (CALA), taxiways, an ordnance crew building, roadways, and an ordnance staging area at MCAS Yuma, AZ.

Combat Aircraft Loading Apron = 92,710 m2 = 997,922 Square Feet
Combat Aircraft Loading Apron & Taxiways = 90,880 m2 = 978,224 Square Feet
Crew Building = 214 m2 = 2,303 Square Feet
Staging Area = 1,616 m2 = 17,394 Square Feet (Current mission)

REQUIREMENT:

Provide an efficient, safe, and adequately sized aircraft ordnance loading and unloading operations area that conforms to all ordnance handling, storage and flightline regulations.

CURRENT SITUATION:

With 250,000 sorties annually, MCAS Yuma manages the highest flight operations tempo in the Marine Corps. MCAS Yuma hosts numerous units annually for live ordnance and tactical flight training. In 1997 alone, 410 aircraft and 10,240 personnel in 42 rotational units spent an average of two weeks at MCAS Yuma to participate in major training evolutions such as the Weapons Training Instructor (WTI) course. In addition to its hosting mission, MCAS Yuma is also the home-port of four AV-8B Harrier squadrons. During the six week long WTI courses, Yuma's permanent and transient units must share extremely limited hangar, flightline, and ordnance loading space. These high density operations force MCAS Yuma to use the small existing Combat Aircraft Loading Apron (CALA) for overflow parking and to alternatively load live ordnance on the flightline under Chief of Naval Operations (CNO) waiver. The existing CALA does not have adequate tiedowns and grounding points to efficiently load and unload ordnance, is too small to park large aircraft, and is located far from new ordnance storage magazines that will be built as a result of a FY 2000 land acquisition purchase. This additional acreage, added to MCAS Yuma's southern boundary was justified on the basis of eliminating waivers associated with current insufficient and unsafe ordnance storage and handling operations. Once the new CALA is built, ordnance loading will not have to be performed on the flightline, and the old CALA will continue to be used as overflow parking during major training evolutions.

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M62974
MARINE CORPS AIR STATION YUMA, ARIZONA

4. Project Title	7. Project Number
COMBAT AIRCRAFT LOADING APRON (CALA)	482

(...continued)

IMPACT IF NOT PROVIDED:

MCAS Yuma will have to continue to load and unload ordnance along the flightline under waiver (with the associated Explosive Safety Quantity Distance (ESQD) arcs extending into inhabited buildings) and the existing CALA will continue to be used for overflow parking putting valuable aviation assets at risk.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 12/98
- (B) Date Design 35% Complete..... 07/99
- (C) Date Design Complete..... 04/02
- (D) Percent Complete As Of September 1999..... 45%
- (E) Percent Complete As Of January 2000..... 65%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... N/A

(2) Basis:
- (A) Standard or Definitive Design: Yes
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 523
- (B) All Other Design Costs..... 261
- (C) Total..... 784
- (D) Contract..... 697
- (E) In-House..... 87

(4) Contract Award..... 08/01

(5) Construction Start..... 05/02

(6) Construction Completion..... 06/04

B. Equipment associated with this project which will be provided from

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M62974
MARINE CORPS AIR STATION YUMA, ARIZONA

4. Project Title	7. Project Number
COMBAT AIRCRAFT LOADING APRON (CALA)	482

(...continued)

other appropriations: NONE.

Activity POC: Cdr William Gray Phone No: (520) 341-2051

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M00681	4. Command	5. Area Constr Cost Index
MARINE CORPS BASE CAMP PENDLETON CALIFORNIA	Commandant of the Marine Corps	1.1

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 6/30/99	286	1,066	1,542	69	5,477	0	2,213	29,019	3,908	43,580
b. End FY 2006	162	1,090	1,566	147	6,678	0	2,481	30,467	3,867	46,458

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (186,061.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999	1,018,070.00
c.	AUTHORIZATION NOT YET IN INVENTORY	199,180.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM	8,100.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM	36,003.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS	81,865.00
g.	REMAINING DEFICIENCY	427,236.00
h.	**GRAND TOTAL**	**1,770,454.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
179.40	INFANTRY SQ BATTLE COURSE	427 m2	4,000	07/99	08/00
179.40	ARMOR/ANTI-ARMOR TRACKING	292 m2	4,100	07/99	08/00
	TOTAL		8,100		

9. Future Projects:

a. Included In The Following Program (FY 2002):

721.11	BEQ, PICO	0 LS	14,680
721.11	BEQ	0 LS	16,606
740.43	PHYSICAL FITNESS CTR	10,500 SF	4,717
	TOTAL		36,003

b. Major Planned Next Three Years:

721.11	BEQ, SAN MATEO	0 LS	17,303
721.11	BACHELOR INLISTED QUARTERS	0 LS	14,458
721.11	BACHELOR ENLISTED QUARTERS	0 LS	10,625
721.11	BEQ	0 LS	11,437
721.11	BEQ	0 LS	11,153
740.43	FITNESS CENTER	24,600 SF	11,813
179.40	CLOSE COMBAT PISTOL COURSE	0 LS	1,026
179.40	INFANTRY SQ DEFENSE RANGE	0 LS	4,050
	TOTAL		81,865

(Continued On DD 1390C)

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M00681	4. Command	5. Area Constr Cost Index
MARINE CORPS BASE CAMP PENDLETON CALIFORNIA	Commandant of the Marine Corps	1.1

(...continued)

c. Real Property Maintenance Backlog ($000): $ 38,600

10. Mission Or Major Functions:

Provide housing, training facilities, logistical support, and certain administrative support for Fleet Marine Force units and other units assigned. Conduct specialized schools and other training as directed. Organize and train replacement units for deployment overseas as directed. Provide logistical support for other Marine Corps activities as directed.

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M00681	4. Project Title
MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA	INFANTRY SQUAD BATTLE COURSE

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0206496M	179.40	633	4,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
INFANTRY SQUAD BATTLE COURSE	m2	427	-	1,140
RANGE CONTROL TOWER	m2	48	4,432	(210)
OPERATIONS STORAGE BUILDING	m2	74	1,004	(70)
AMMUNITION BREAKDOWN BUILDING	m2	11	2,409	(30)
GENERAL INSTRUCTION BUILDING (2)	m2	148	1,034	(150)
HEAD WITH AERATED VAULT	m2	44	2,689	(120)
BLEACHER ENCLOSURE (2)	m2	102	828	(80)
STATIONARY INFANTRY TARGET EMPLACEMENTS	LS	-	-	(160)
MOVING INFANTRY TARGET EMPLACEMENTS	LS	-	-	(50)
HOSTILE FIRE SIMULATOR EMPLACEMENTS	LS	-	-	(20)
TRENCHES W/ WOODEN RETAINING WALLS & BUNKER	LS	-	-	(190)
TECHNICAL OPERATING MANUALS	LS	-	-	(60)
SUPPORTING FACILITIES	LS	-	-	2,630
ELECTRICAL UTILITIES	LS	-	-	(1,430)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,200)
SUBTOTAL	-	-	-	3,770
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	3,770
Supervision Inspection & Overhead (6.0%)	-	-	-	230
TOTAL REQUEST	-	-	-	4,000
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	580

10. Description of Proposed Construction

Infantry Squad Battle Course with two range control towers, an operations/storage building, an ammunition breakdown building, two general instruction buildings, two field restrooms, two bleacher enclosures, emplacement of stationary and moving infantry targets, emplacement of hostile fire simulators, and trenches with wood retaining walls and bunker. Project includes underground cabling for remoted target system (RETS) installation, target system wiring, lightening protection, electrical power and necessary utilities, controlled environments in buildings, telephone cabling, transformer, public address system, paving and site improvements (including site preparation, safety berms, Arizona

(Continued On DD 1391C)

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M00681
MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA

4. Project Title	7. Project Number
INFANTRY SQUAD BATTLE COURSE	633

(...continued)
crossing for existing creek and erosion protection, concrete sidewalks), night training lights at initial position fire line, and security lighting and signs for range lateral limits.

11. Requirement: 427 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:
Constructs an Infantry Squad Battle Course for MCB Camp Pendleton, CA.

Infantry Squad Battle Course = 427 m2 = 4,596 Square Feet
Range Control Tower = 48 m2 = 517 Square Feet
Operations Storage Building = 74 m2 = 797 Square Feet
Ammunications Breakdown Building = 11 m2 = 118 Square Feet
General Instruction Building (2) = 148 m2 = 1,593 Square Feet
Head with Aerated Vault = 44 m2 = 474 Square Feet
Bleacher Enclosure (2) = 102 m2 = 1,098 Square Feet (Current mission)

REQUIREMENT:

Replace antiquated range with a state-of-the-art range that provides automated feedback and scoring to accommodate new weapons and training requirements employed by the Marine Corps. The range is required for infantry squad offensive training, basic marksmanship training, familiarization with various weapons and maintenance of proficiency in field firing techniques.

CURRENT SITUATION:

Currently, there is no existing range at MCB Camp Pendleton capable of supporting the required training provided on an Infantry Squad Battle Course. Per a 1989 report called the Land Training Area Requirements Study (LATAR), Pendleton rates 52 small arms ranges in order to effectively train Marines per Individual Marine Training Standards. With 46 existing ranges, of which only 28 are considered adequate, Pendleton needs upgrade or construction of 24 additional ranges. The existing 1950's vintage ranges are old, deteriorated, antiquated, and do not provide automated feedback or scoring. Too small in size, and outfitted with hard-wire pop-up target systems, most of the existing ranges are incapable of supporting the new, more powerful weapons in the Marine Corps inventory or of accommodating the moving targets of the standard modern training devices now used called Remoted Target Systems (RETS). A modern Infantry Squad Battle Course with RETS equipment and automated scoring feedback is needed for offensive fire and maneuver training, basic

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M00681
MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA

4. Project Title	7. Project Number
INFANTRY SQUAD BATTLE COURSE	633

(...continued)

marksmanship training, familiarization with various weapons, and to maintain proficiency in field firing techniques for entry level Marines who are being trained in their primary infantry MOS. Since no such range currently exists at Camp Pendleton, entry level Marines receive formal instruction on new weapons and techniques, but they can only partially and largely ineffectively simulate live-fire combat drills on the old ranges using stationary targets that provide no feedback or scoring to the student or instructor.

IMPACT IF NOT PROVIDED:

MCB Camp Pendleton units will continue to train on the inadequate local ranges which will erode their live-fire proficiency and ultimately affect their readiness to perform effectively in combat.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 07/99
- (B) Date Design 35% Complete..... 09/99
- (C) Date Design Complete..... 08/00
- (D) Percent Complete As Of September 1999..... 35%
- (E) Percent Complete As Of January 2000..... 65%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... N/A

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used: N/A

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 223
- (B) All Other Design Costs..... 150
- (C) Total..... 373
- (D) Contract..... 354
- (E) In-House..... 19

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M00681
MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA

4. Project Title	7. Project Number
INFANTRY SQUAD BATTLE COURSE	633

(...continued)

(4) Contract Award..... 12/00

(5) Construction Start..... 01/01

(6) Construction Completion..... 01/02

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Remoted Target System (RETS)	PMC	2001	580

Activity POC: Cdr Mark Sarles Phone No: (619) 725-5641

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M00681	4. Project Title
MARINE CORPS BASE CAMP PENDLETON CALIFORNIA	ARMOR/ANTI-ARMOR TRACKING RANGE

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0206496M	179.40	634	4,100

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
ARMOR/ANTI-ARMOR TRACKING RANGE	m2	292	-	2,140
CONTROL TOWER UPGRADE	m2	24	2,000	(50)
RELOCATE CONTROL TOWER & SUPPLY/MAINT BLDG	m2	172	807	(140)
OPERATIONS/STORAGE BUILDING	m2	74	987	(70)
FIELD HEAD WITH AERATED VAULT	m2	22	2,644	(60)
DEFILADES	LS	-	-	(120)
ARMOR MOVING TARGET EMPLACEMENT	LS	-	-	(1,260)
REORIENT EXISTING AMTC EMPLACEMENT	LS	-	-	(250)
STATIONARY ARMOR TARGET EMPLACEMENT	LS	-	-	(70)
REORIENT EXISTING STATIONARY ARMOR EMPL	LS	-	-	(60)
TECHNICAL OPERATING MANUALS	LS	-	-	(60)
SUPPORTING FACILITIES	LS	-	-	1,730
ELECTRICAL UTILITIES	LS	-	-	(600)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,130)
SUBTOTAL	-	-	-	3,870
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	3,870
Supervision Inspection & Overhead (6.0%)	-	-	-	230
TOTAL REQUEST	-	-	-	4,100
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	1,248

10. Description of Proposed Construction

Armor/Anti-Armor Tracking Range to include underground cabling for remoted target system (RETS) installation, upgrade control tower/equipment with environmental control, operations/storage facility, head facilities, stationary and moving tank targets, site preparation, tracking and access roads, drainage, lighting, electrical and utilities, telephone, and removal/demolition of existing range structures.

11. Requirement: 292 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:
Construct an Armor/Anti-Armor Tracking Range for Marines training at MCB Camp Pendleton, CA.

Armor/Anti-Armor Tracking Range = 292 m2 = 3,143 Square Feet

(Continued On DD 1391C)

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M00681
MARINE CORPS BASE CAMP PENDLETON CALIFORNIA

4. Project Title	7. Project Number
ARMOR/ANTI-ARMOR TRACKING RANGE	634

(...continued)

Control Tower Upgrade = 24 m2 = 258 Square Feet
Relocate Control Tower & Supply/Maint. Bldg = 172 m2 = 1,851Square Feet
Operations/Storage Building = 74 m2 = 797 Square Feet
Field Head with aerated Vault = 22 m2 = 237 Square Feet (Current mission)

REQUIREMENT:

Replace antiquated ranges and provide state-of-the-art RETS (Remoted Target System) range for the armor and anti-armor tracking weapons systems employed by the Marine Corps (including the Dragon, TOW, AT-4 shoulder launched anti-armor weapon, M2 .50 caliber machine gun, 25mm gun, and 120mm tank cannon). The range is required to train Marines in the techniques of engaging armored vehicle type targets with medium and heavy anti-armor weapons, for field tracking excercises, and for qualification excercises with tracking and launching trainers.

CURRENT SITUATION:

Currently, MCB Camp Pendleton has only 4 of 16 ranges upgraded to current standards for live fire training with the Remoted Target System (RETS). Specifically, Armor/Anti-armor live fire training is conducted on a deteriorating 1950's vintage range located at the northeast corner of Camp Pendleton. The range has only 3 moving targets (vice the 15 required), can handle only platoon sized formations (vice the required company-sized formations), and provides very primitive feedback to users (vice the sophisticated feedback a full RETS will provide). Training scenarios are extremely limited for the two Light Armored Vehicle (LAV) battalions and LAV school, the battalion of Assault Amphibious Vehicles (AAVs) and AAV school, the two reserve Tank Companies stationed at Camp Pendleton, and the 1st Tank Battalion from 29 Palms, CA who currently use the range. Additionally, the current range is oriented within 1 kilometer of the base boundary and often must be closed during the June-October fire season because of dangers to the off-base community posed from fires started in the impact area. The upgraded range would reorient the range to impact live rounds more than 2 km from the base boundary, thus reducing base liability and increasing community confidence in the safety of Camp Pendleton ranges.

IMPACT IF NOT PROVIDED:

The old range will continue to be used with its low pop-up target density, limited feedback, small unit size capability, lack of capability to handle

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M00681
MARINE CORPS BASE CAMP PENDLETON CALIFORNIA

4. Project Title	7. Project Number
ARMOR/ANTI-ARMOR TRACKING RANGE	634

(...continued)

new armor/anti-armor weapons systems, and frequent check fires for fire protection to the local community. This will adversely affect live fire and anti-armor tracking proficiency and ultimately affect readiness because Marines will not be fully trained or prepared to perform their mission in combat.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 07/99
- (B) Date Design 35% Complete..... 09/99
- (C) Date Design Complete..... 08/00
- (D) Percent Complete As Of September 1999..... 35%
- (E) Percent Complete As Of January 2000..... 65%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... N/A

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used: N/A

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 223
- (B) All Other Design Costs..... 150
- (C) Total..... 373
- (D) Contract..... 354
- (E) In-House..... 19

(4) Contract Award..... 03/01

(5) Construction Start..... 04/01

(6) Construction Completion..... 04/02

B. Equipment associated with this project which will be provided from other appropriations:

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M00681
MARINE CORPS BASE CAMP PENDLETON CALIFORNIA

4. Project Title	7. Project Number
ARMOR/ANTI-ARMOR TRACKING RANGE	634

(...continued)

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Remoted Target System (RETS)	PMC	2002	1248

Activity POC: Cdr Mark Sarles Phone No: (619) 725-5641

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N63042	4. Command	5. Area Constr Cost Index
NAVAL AIR STATION LEMOORE CALIFORNIA	Commander in Chief Pacific Fleet	1.15

6. Personnel Strength	Permanent			Students			Supported			
a. As Of	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
1/20/00	618	3,835	872	0	0	0	43	202	0	5,570
b. End FY 2006	837	4,731	1,078	0	0	0	43	202	0	6,891

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (29,823.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999.....	433,709.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	1,580.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	8,260.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	5,472.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	21,758.00
g.	REMAINING DEFICIENCY.....	1,058,210.00
h.	**GRAND TOTAL**.....	**1,528,989.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
721.11	BEQ	3,230 m2	8,260	01/99	04/01
	TOTAL		8,260		

9. Future Projects:

a. Included In The Following Program (FY 2002):

211.03	CORROSION CNTL HANGAR	11,150 SF	5,472
	TOTAL		5,472

b. Major Planned Next Three Years:

721.11	BACHELOR ENLISTED QUARTERS	19,193 m2	21,758
	TOTAL		21,758

c. Real Property Maintenance Backlog ($000): $ 106,312

10. Mission Or Major Functions:

Maintain and operate facilities and provide services and materials to support the aviation assets and operations of the Pacific Fleet. This base is the homeport for all Pacific Fleet Light Attack (F/A-18) Squadrons and Replacement Training Squadrons.

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

307

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N63042	4. Project Title
NAVAL AIR STATION LEMOORE CALIFORNIA	BACHELOR ENLISTED QUARTERS

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0204696N	721.11	201	8,260

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
BACHELOR ENLISTED QUARTERS	M2	3,230	-	6,240
BUILDING	M2	3,230	1,891	(6,110)
TECHNICAL OPERATING MANUALS	LS	-	-	(30)
INFORMATION SYSTEMS	LS	-	-	(100)
SUPPORTING FACILITIES	LS	-	-	1,550
ELECTRICAL UTILITIES	LS	-	-	(330)
MECHANICAL UTILITIES	LS	-	-	(550)
PAVING & SITE IMPROVEMENTS	LS	-	-	(490)
DEMOLITION	LS	-	-	(180)
SUBTOTAL	-	-	-	7,790
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	7,790
Supervision Inspection & Overhead (6.0%)	-	-	-	470
TOTAL REQUEST	-	-	-	8,260
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

Construct three three-story apartment-type structures and a core building of similar construction. Provide sidewalks, parking, landscaping, extension/realignment of roads, utility connections, and other on-site improvements. Design and Construction must comply with criteria for a Seismic Zone 4 location. Included is the demolition of an existing utility system.

Project will provide 38 "2+0" modules consisting of two 2-sailor rooms, each with a semi-private bath.

Intended grade mix: 152 E1-E4
Maximum utilization: 152 E1-E4.

11. Requirement: 1,150 PN Adequate: 997 PN Substandard: 0 PN

PROJECT:
Constructs a multi-story apartment-type facility with a central core building containing supporting facilities associated with the cluster of building apartments.

(Continued On DD 1391C)

307

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N63042
NAVAL AIR STATION LEMOORE CALIFORNIA

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS	201

(...continued)

Bachelor Enlisted Quarters = 3,230 m2 = Square Feet
Building = 3,230 Square Feet (Current mission)

REQUIREMENT:

Adequate berthing facilities are required for junior enlisted personnel.

CURRENT SITUATION:

Existing Bachelor Enlisted Quarters (BEQ) have been, or will be, renovated. This will result in a deficiency of 152 BEQ spaces. This project will satisfy these deficiencies.

IMPACT IF NOT PROVIDED:

If this project is not constructed, the activity will be unable to provide adequate and secure berthing for personnel assigned to the Air Station. Off-base housing is not available. Additionally, the E1-E4 PN require berthing that is accessible to their work stations.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 01/99
- (B) Date Design 35% Complete..... 11/99
- (C) Date Design Complete..... 04/01
- (D) Percent Complete As Of September 1999..... 20%
- (E) Percent Complete As Of January 2000..... 45%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:
- (A) Standard or Definitive Design: Yes
- (B) Where Design Was Most Recently Used:

307

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N63042
NAVAL AIR STATION LEMOORE CALIFORNIA

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS	201

(...continued)

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications	150
(B) All Other Design Costs	150
(C) Total	300
(D) Contract	250
(E) In-House	50

(4) Contract Award..... 12/00

(5) Construction Start..... 05/01

(6) Construction Completion..... 06/02

B. Equipment associated with this project which will be provided from other appropriations: NONE.

C. FY 1999 Unacccompanied Housing Real Property Maint Conducted ($000)
7637

D. FY 2000 Unacccompanied Housing Real Property Maint Conducted ($000)
10990

E. Future Unacccompanied Housing Real Property Maint Requirements ($000)
30969

Activity POC: CDR PAUL GERNER Phone No: (559) 998-4091

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M67865	4. Command	5. Area Constr Cost Index
MARINE CORPS AIR STATION MIRAMAR CALIFORNIA	Commandant of the Marine Corps	1.1

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 1/20/00	98	835	251	49	56	0	865	6,666	529	9,349
b. End FY 2006	104	683	625	72	61	0	1,026	7,214	1,314	11,099

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (0.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999	23,606.00
c.	AUTHORIZATION NOT YET IN INVENTORY	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM	7,350.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM	4,227.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS	4,144.00
g.	REMAINING DEFICIENCY	366,080.00
h.	**GRAND TOTAL**	**405,407.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
179.40	GROUND COMBAT TRAINING	399 m2	7,350	03/99	09/00
	TOTAL		7,350		

9. Future Projects:

a. Included in The Following Program (FY 2002):

* 441.30	HAZ/MAT STORAGE	0 LS	4,227		
	TOTAL		4,227		

b. Major Planned Next Three Years:

740.43	PHYSICAL FITNESS CTR	0 LS	4,144		
	TOTAL		4,144		

c. Real Property Maintenance Backlog ($000): $ 61,100

10. Mission Or Major Functions:

To maintain and operate facilities and provide services and material to support operation of a Marine Aircraft Wing, or units thereof, and other activities and units as designated by the Commandant of the Marine Corps in coordination with the Chief of Naval Operations.

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 4,227

b. Occupational Safty And Health (OSH) (#): $ 0

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M67865	4. Project Title
MARINE CORPS AIR STATION MIRAMAR, CALIFORNIA	GROUND COMBAT TRAINING RANGE

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0206496M	179.40	050	7,350

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
GROUND COMBAT TRAINING RANGE	m2	399	-	5,040
RANGE CONTROL BUILDINGS	m2	48	3,750	(180)
GENERAL INSTRUCTION BUILDING	m2	148	1,017	(150)
OPERATIONS/STORAGE BUILDING	m2	74	987	(70)
FIELD SERVICE HEAD	m2	44	2,644	(120)
AMMO BREAKDOWN BUILDING	m2	11	2,389	(30)
SMALL ARMS REPAIR	m2	74	987	(70)
RIFLE RANGE FIRING LINE (FIRING POINTS)	LS	-	-	(880)
RIFLE TARGET LINE	LS	-	-	(570)
RIFLE BAFFLE	LS	-	-	(940)
RIFLE IMPACT BERM	LS	-	-	(260)
RIFLE LOMAH SYSTEM	LS	-	-	(1,250)
PISTOL RANGE	LS	-	-	(460)
TECHNICAL OPERATING MANUALS	LS	-	-	(60)
SUPPORTING FACILITIES	LS	-	-	1,890
ELECTRICAL UTILITIES	LS	-	-	(290)
MECHANICAL UTILITIES	LS	-	-	(100)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,450)
DEMOLITION	LS	-	-	(50)
SUBTOTAL	-	-	-	6,930
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	6,930
Supervision Inspection & Overhead (6.0%)	-	-	-	420
TOTAL REQUEST	-	-	-	7,350
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

Rifle and Pistol Range construction which includes grading, berming, import fill, lime stabilization, erosion control, impact berms, Portland Cement Concrete (PCC) protection walls, backstops with bullet traps, firing line enclosures, baffles, and automatic targets with the Location of Miss And Hit (LOMAH) system. Range control building includes office and classroom space, an armory, a ready service locker, a target repair/storage area, sound attenuation, and restrooms. Supporting

(Continued On DD 1391C)

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M67865
MARINE CORPS AIR STATION MIRAMAR, CALIFORNIA

4. Project Title	7. Project Number
GROUND COMBAT TRAINING RANGE	050

(...continued)
facilities include repairing the existing access road, connecting to existing utility systems, developing a sanitary waste system, force protection features (such as fencing, intrusion detection system), a fire protection system, a telecommunication/information system, a heating, ventilation, and air conditioning (HVAC) system, paving and site improvements, construction to seismic zone 4 criteria, environmental mitigation, and technical operating manuals.

11. Requirement: 399 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

(1) Constructs a baffled 30 to 550 meter rifle range with fifty (50) firing lanes, an enclosed firing line, a minimum capability to fire 5.56 mm rifle (M-16), a capability of 7.62 rifle (M-14) ammunition, automatic targets, and the Location of Miss and Hit (LOMAH) system.

(2) Constructs a baffled 3 to 46 meter pistol range with twenty-five (25) firing lanes, an enclosed firing line that is capable of firing either 9mm or .45 caliber ammunition, automatic targets, and the LOMAH system.

(3) Constructs a range control building with office and classroom space, an armory, a ready service locker, a target repair/storage area, and restrooms.

Ground Training Range = 399 m2 = 4,295 Square Feet
Range Control Buildings = 48 m2 = 517 Square Feet
General Instruction Building = 148 m2 = 1,593 Square Feet
Operations/Storage Building = 74 m2 = 797 Square Feet
Field Service Head = 44 m2 = 474 Square Feet
Ammo Breakdown Building = 11 m2 = 117 Square Feet
Small Arms Repair = 74 m2 = 797 Square Feet (Current mission)

REQUIREMENT:

Adequate outdoor rifle and pistol ground combat training ranges and support facilities are required to qualify 12,500 MCAS Miramar Marines on the rifle and 5,750 Marines on the pistol, annually, per U.S. Marine Corps Individual Training Standards (ITS) and 3rd Marine Air Wing, Reserves, and military police training objectives.

CURRENT SITUATION:

MCAS Miramar's existing substandard rifle range was closed in 1997 due to

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M67865
MARINE CORPS AIR STATION MIRAMAR, CALIFORNIA

4. Project Title	7. Project Number
GROUND COMBAT TRAINING RANGE	050

(...continued)

the unsafe proximity of new aircraft flight patterns over the impact berm, environmental and deterioration problems, and safety zones which extended outside the air station boundaries and over the explosive overhaul route. Currently, Miramar Marines must travel 5 hours round trip to MCB Camp Pendleton to conduct their annual week-long rifle qualification training. Marines must also travel similar distances to MCAS El Toro for their annual pistol qualifications. The use of these distant ranges places a severe constraint on MCAS Miramar units to effectively conduct aircraft flight and maintenance operations because large numbers of personnel are missing from the units at any given time 46 weeks of the year. Range availability to Miramar Marines will severely degrade by the end of 1999 when the Camp Pendleton rifle range closes for the construction on that site of a Helicopter Outlying Landing Field (HOLF) and the MCAS El Toro pistol range shuts down due to base closure actions. Miramar units will then have to compete with local MCB Camp Pendleton units for use of the remaining rifle ranges on the base and have little recourse for pistol qualifications.

IMPACT IF NOT PROVIDED:

MCAS Miramar Marines' combat readiness and live-fire proficiency, as well as the aircraft readiness of the air station, will continue to be seriously degraded by the loss of manpower associated with the transport of Marines to the distant MCB Camp Pendleton 46 weeks per year for rifle and pistol marksmanship training.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started	03/99
(B) Date Design 35% Complete	09/99
(C) Date Design Complete	09/00
(D) Percent Complete As Of September 1999	35%
(E) Percent Complete As Of January 2000	60%
(F) Type of Design Contract	Design Build
(G) Parametric Estimate used to develop cost	Yes
(H) Energy study/life-cycle analysis performed	Yes

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M67865
MARINE CORPS AIR STATION MIRAMAR, CALIFORNIA

4. Project Title	7. Project Number
GROUND COMBAT TRAINING RANGE	050

(...continued)

(2) Basis:
(A) Standard or Definitive Design: No
(B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
(A) Production of Plans and Specifications..... 400
(B) All Other Design Costs..... 295
(C) Total..... 695
(D) Contract..... 660
(E) In-House..... 35

(4) Contract Award..... 03/01

(5) Construction Start..... 03/01

(6) Construction Completion..... 09/02

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: Tony Ray Phone No: (714) 726-4341

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N65888	4. Command	5. Area Constr Cost Index
NAVAL AVIATION DEPOT NORTH ISLAND, CALIFORNIA	Naval Air Systems Command	1.1

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 6/30/99	2,009	13,313	7,594	0	0	0	214	837	0	23,967
b. End FY 2006	1,981	14,122	7,373	0	0	0	183	704	0	24,363

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (0.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999	0.00
c.	AUTHORIZATION NOT YET IN INVENTORY	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM	4,340.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS	2,336.00
g.	REMAINING DEFICIENCY	6,000.00
h.	**GRAND TOTAL**	**12,676.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Complete
211.35	COMPONENT REP CLEAN RM FAC	790 m2	4,340	03/99	06/01
	TOTAL		4,340		

9. Future Projects:

a. Included In The Following Program (FY 2002):

None

b. Major Planned Next Three Years:

211.95	SUPPORT EQUIP MAT STAGING	1,860 m2	2,336
	TOTAL		2,336

c. Real Property Maintenance Backlog ($000): $ 15,897

10. Mission Or Major Functions:

Perform a complete range of depot level rework operations on designated weapons systems, accessories, and equipments; provide engineering services for development of changes of hardware design; furnish technical services on aircraft maintenance and logistics problems; and perform, upon specific request, other aircraft maintenance. Depot Rework of Aircraft: F-4, F/A-18, C-2, E-2, H-46, F-14 Depot Rework of Engines: J79, T58, T64, LM1500, LM2500, F404

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

302

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N65888	4. Project Title
NAVAL AVIATION DEPOT NORTH ISLAND, CALIFORNIA	COMPONENT REPAIR CLEAN ROOM FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0702096N	211.35	728	4,340

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
COMPONENT REPAIR CLEAN ROOM FACILITY	M2	790	4,071	3,220
SUPPORTING FACILITIES	LS	-	-	880
MECHANICAL UTILITIES	LS	-	-	(470)
ELECTRICAL UTILITIES	LS	-	-	(250)
DEMOLITION & SITE IMPROVEMENTS	LS	-	-	(160)
SUBTOTAL	-	-	-	4,100
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	4,100
Supervision Inspection & Overhead (6.0%)	-	-	-	240
TOTAL REQUEST	-	-	-	4,340
EQUIPMENT FROM OTHER APPROPRIATIONS		-	- (NON-ADD)	-

10. Description of Proposed Construction

Conversion of spaces within an existing building to construct a Clean Room with prefabricated insulated walls, floor and ceiling panels, air conditioning, heating, humidity and particulate control systems, entry air shower, restrooms, change area, fire protection system, mechanical and electrical utilities, site improvements, demolition of existing overhead electrical bus ducts and rails for hoists; abatement of asbestos and lead paint.

11. Requirement: 790 M2 Adequate: 0 M2 Substandard: 0 M2

PROJECT:
Converts existing space at Naval Aviation Depot (NADEP) North Island to a Clean Room for hydraulic component repair.

Component Repair Clean Room Facility = 790 m2 = 8,503 Square Feet (Current mission)

REQUIREMENT:

Adequate and properly configured Classified Controlled Environment Facility is required to meet guidelines for repairing aircraft components in an environmentally controlled facility.

(Continued On DD 1391C)

302

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N65888
NAVAL AVIATION DEPOT NORTH ISLAND, CALIFORNIA

4. Project Title	7. Project Number
COMPONENT REPAIR CLEAN ROOM FACILITY	728

(...continued)

CURRENT SITUATION:

The existing components are not processed in a Classified Controlled Environment. There are twelve (12) separate areas that are used to process components. Only two (2) areas have any form of temperature control, and the areas do not meet any of the requirements for a Classified Controlled Environment. The remaining areas are general shop areas that have no temperature control.

IMPACT IF NOT PROVIDED:

Components requiring processing in a Classified Controlled Environment will continue to be processed in facilities that do not meet the requirements. Without the required temperature, humidity, and especially particulate control, components risk being contaminated during the repair process. Contamination can cause failure resulting in a potential for failure during flight, and ultimately loss of life and aircraft.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 03/99
- (B) Date Design 35% Complete..... 09/00
- (C) Date Design Complete..... 06/01
- (D) Percent Complete As Of September 1999..... 5%
- (E) Percent Complete As Of January 2000..... 5%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:
- (A) Standard or Definitive Design: Yes
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 0
- (B) All Other Design Costs..... 220
- (C) Total..... 220

302

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N65888
NAVAL AVIATION DEPOT NORTH ISLAND, CALIFORNIA

4. Project Title	7. Project Number
COMPONENT REPAIR CLEAN ROOM FACILITY	728

(...continued)

(D) Contract..... 170
(E) In-House..... 50

(4) Contract Award..... 12/00

(5) Construction Start..... 09/01

(6) Construction Completion..... 08/02

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: CDR MICHAEL GIORGIONE Phone No: (619) 545-1113

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00246	4. Command	5. Area Constr Cost Index
NAVAL AIR STATION, NORTH ISLAND SAN DIEGO CA	Commander in Chief Pacific Fleet	1.74

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 1/20/00	1,857	12,918	7,824	0	0	0	158	149	0	22,906
b. End FY 2006	1,898	13,348	5,847	0	0	0	158	149	0	21,400

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (48,719.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999	628,610.00
c.	AUTHORIZATION NOT YET IN INVENTORY	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM	21,660.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM	3,680.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS	42,175.00
g.	REMAINING DEFICIENCY	381,384.00
h.	**GRAND TOTAL**	**1,077,509.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
141.40	AIRCRAFT OPS BLDG	1,740 m2	8,860	03/99	08/01
152.20	BERTHING WHARF (PH II)	13,681 m2	12,800	05/98	06/99
	TOTAL		21,660		

9. Future Projects:

a. Included In The Following Program (FY 2002):

112.10	REPAIR TAXIWAY 2 EAST	0 LS	3,680
	TOTAL		3,680

b. Major Planned Next Three Years:

151.50	REPLACE NOTS PIER	0 LS	4,455
721.11	BACHELOR ENLISTED QUARTERS	0 LS	37,720
	TOTAL		42,175

c. Real Property Maintenance Backlog ($000): $ 152,805

10. Mission Or Major Functions:

Maintain and operate facilities and provide services and material to support operations of aviation activities and units of the Pacific Fleet. Helicopter Airlift Squadrons, Reserve Squadrons, ASW Helicopter Squadrons (SH-2, SH-60), Submarine Development Group, Carrier-Based ASW Squadrons (S-3), Deep Submergence Vehicles, Carrier-Based ASW Helicopter Squadrons, Commander, Naval Air Forces, (SH-3), Pacific Naval Aviation Depot,

(Continued On DD 1390C)

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00246	4. Command	5. Area Constr Cost Index
NAVAL AIR STATION, NORTH ISLAND SAN DIEGO CA	Commander in Chief Pacific Fleet	1.74

(...continued)

Marine Barracks Helicopter Training Squadrons, S-3 ASW Training Squadron, Carrier On-Board Delivery. Squadron Aircraft Carrier Homeport Fleet Flag Ship

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00246	4. Project Title
NAVAL AIR LANDING FIELD SAN CLEMENTE ISLAND, CA	AIRCRAFT OPERATIONS BLDG (SAN CLEMENTE)

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0204696N	141.40	577	8,860

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
AIRCRAFT OPERATIONS BLDG (SAN CLEMENTE)	M2	1,740	-	6,160
BUILDING	M2	776	2,880	(2,230)
CONTROL TOWER	M2	366	4,442	(1,630)
RADAR TRAFFIC CENTER	M2	598	3,847	(2,300)
SUPPORTING FACILITIES	LS	-	-	2,200
ELECTRICAL UTILITIES	LS	-	-	(740)
MECHANICAL UTILITIES	LS	-	-	(360)
PAVING & SITE IMPROVEMENTS	LS	-	-	(630)
DEMOLITION	LS	-	-	(470)
SUBTOTAL	-	-	-	8,360
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	8,360
Supervision Inspection & Overhead (6.0%)	-	-	-	500
TOTAL REQUEST	-	-	-	8,860
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

Construct a two story Aircraft Operations Building, a seven story Control Tower with observation deck, and a one story Radar Traffic Control Center, (RATCC). Buildings will have steel frame, concrete walls, concrete foundation and floor, concrete topping over metal deck for structural roof systems. Aircraft Operations Building will house the administration of flight operational activities with supporting functions including, but not limited to airfield management, flight support, flight planning, flight scheduling, communications, weather services, and all supporting functions. RATCC includes Instrument Flight Rules (IFR) Control Room, equipment rack storage for communications terminal equipment, ground electronics maintenance shop and storage, training room, ready room, office space, unrestricted power source (UPS), emergency generator, and all supporting functions (storage, bathrooms, showers, etc.). Construction of supporting facilities includes electrical and mechanical utilities, paving, site improvements and demolition of five existing air operations facilities.

(Continued On DD 1391C)

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00246
NAVAL AIR LANDING FIELD SAN CLEMENTE ISLAND, CA

4. Project Title	7. Project Number
AIRCRAFT OPERATIONS BLDG (SAN CLEMENTE)	577

(...continued)

11. Requirement: 1,740 M2 Adequate: 0 M2 Substandard: 0 M2

PROJECT:

Constructs an Aircraft Operations Building, Control Tower, Radar Air Traffic Control Center facility at the Naval Auxiliary Landing Field (NALF), San Clemente Island.

Aircraft Operations Building = 1,740 m2 = 18,729 Square Feet
Building = 776 m2 = 8,353 Square Feet
Control Tower = 366 m2 = 3,939 Square Feet
Radar Traffic Center = 598 m2 = 6,437 Square Feet (Current mission)

REQUIREMENT:

Adequate and efficiently configured Air Operations Building, Control Tower, and RATCC facility are required to replace the existing deteriorated, corroded and undersized temporary airfield facilities with new construction in order to provide adequate facilities to support installation of new air traffic control (ATC) systems. Replacement of the existing, deteriorated, inadequate Control Tower with a properly sited facility is required in order to provide visibility for the entire runway and apron, and also eliminate an Airfield Safety Waiver. In addition, replacement of the existing undersized, temporary, deteriorated metal facility housing Air Operations is required to provide adequate space for flight control (flight support, flight planning, flight scheduling, air operations administration), communications and weather services.

CURRENT SITUATION:

Air Traffic Control (ATC) is comprised of three 8 foot by 40 foot trailers - self contained/powered with environmental and grounding systems which are out-of-date, lack current safety precautions and are not reliable. There is a lack of adequate space to allow installation of additional and future ATC equipment and systems.

The Control Tower is in poor condition and suffers from excessive deterioration and corrosion throughout. The metal structure has deteriorated due to the harsh marine environment at NALF San Clemente Island. Additionally, the location of the existing Control Tower is 62 feet within the Primary Surface (1,500 feet wide air field safety surface level within and centered on the runway centerline) of the airfield. Airfield Safety Waiver SC-2 permits the Tower to obstruct the Primary

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00246
NAVAL AIR LANDING FIELD SAN CLEMENTE ISLAND, CA

4. Project Title	7. Project Number
AIRCRAFT OPERATIONS BLDG (SAN CLEMENTE)	577

(...continued)
Surface of Runway 5/23.

Air Operations is located in an undersized, temporary, deteriorated metal facility which negatively impacts operational readiness. Air operations lacks adequate space for flight control (flight support, flight planning, flight scheduling, air operations administration, etc.), communications and weather services functions.

IMPACT IF NOT PROVIDED:

Without the construction of this project, NALF San Clemente Island will not receive the National Air Space System Modernization (NASMOD) ATC equipment upgrades that are scheduled for FY02 installation.

The Control Tower will continue to deteriorate further in the harsh marine environment, and will remain in violation of airfield safety criteria.

Air Operations will continue to be housed in an undersized, deteriorating, metal facility which negatively impacts operational readiness. Air operations will continue to lack adequate space for flight control, communications and weather services functions.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 03/99
- (B) Date Design 35% Complete..... 09/00
- (C) Date Design Complete..... 08/01
- (D) Percent Complete As Of September 1999..... 5%
- (E) Percent Complete As Of January 2000..... 5%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used:

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00246
NAVAL AIR LANDING FIELD SAN CLEMENTE ISLAND, CA

4. Project Title	7. Project Number
AIRCRAFT OPERATIONS BLDG (SAN CLEMENTE)	577

(...continued)

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications	0
(B) All Other Design Costs	760
(C) Total	760
(D) Contract	570
(E) In-House	190

(4) Contract Award 12/00

(5) Construction Start 09/01

(6) Construction Completion 08/02

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: CDR MICHAEL GIORGIONE Phone No: (619) 545-1113

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00246	4. Project Title
NAVAL AIR STATION NORTH ISLAND, SAN DIEGO, CA	BERTHING WHARF (INCREMENT II)

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0204696N	152.20	700B	Auth 0 Appr 12,800

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
BERTHING WHARF (INCREMENT II)	M2	13,681	-	29,580
WHARF	M2	10,874	2,354	(25,600)
INTEGRATED LOGISTICS OVERHAUL BUILDING	M2	2,110	965	(2,040)
FLEET RECREATION CENTER	M2	465	1,144	(530)
EQUIPMENT LAYDOWN BUILDING	M2	232	1,013	(240)
PORTAL CRANE SYSTEM	LS	-	-	(1,120)
TECHNICAL OPERATING MANUALS	LS	-	-	(50)
SUPPORTING FACILITIES	LS	-	-	20,830
MECHANICAL UTILITIES	LS	-	-	(4,200)
ELECTRICAL UTILITIES	LS	-	-	(5,000)
SITE IMPROVEMENTS	LS	-	-	(2,540)
DEMOLITION	LS	-	-	(3,300)
DREDGING	LS	-	-	(2,500)
ENVIRONMENTAL MITIGATION	LS	-	-	(3,290)
SUBTOTAL	-	-	-	50,410
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	50,410
Supervision Inspection & Overhead (6.0%)	-	-	-	3,020
SUBTOTAL	-	-	-	53,430
LESS INCREMENT I (FY00)	LS	-	-	-40,630
TOTAL REQUEST	-	-	-	12,800
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	3,200

10. Description of Proposed Construction

27.4 M by 396.3 M concrete wharf and laydown area with dike and fill area behind the wharf; integrated logistics support building, fleet recreation center, and enclosed equipment laydown building; extension of existing portal crane rail system; mechanical systems include steam, condensate, low pressure compressed air, fresh water, pure water, salt water (for fire protection, cooling, and flushing), sanitary sewer, oily water, jet fuel and diesel marine fuel, and mechanical utilities; electrical systems include installation of a new underground 15KV primary underground distribution to the pier, 4160V secondary pier power and 480V industrial

(Continued On DD 1391C)

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00246
NAVAL AIR STATION NORTH ISLAND, SAN DIEGO, CA

4. Project Title	7. Project Number
BERTHING WHARF (INCREMENT II)	700B

(...continued)
power distribution system, a new double-ended substation, pier fire alarm, utility control system, lighting and communications (fiber optics lines for telephones, television, local area networks), and electrical utilities; site improvements include security fence, relocation of ferry landing, access roads, parking area restoration, landscaping, and sitework; demolition of existing Pier J/K; dredging of 190,400 m3 (249,034 cubic yards) and disposal of dredge spoils; environmental mitigation (water column replacement, eelgrass, kelp, terns, herons and pelicans); and, technical operating manuals.

11. Requirement: 13,681 M2 Adequate: 0 M2 Substandard: 0 M2

PROJECT:
Provides berthing for a nuclear carrier (CVN) in the berthing basin at Naval Air Station (NAS) North Island.

Berthing Wharf = 13,681 m2 = 147,261 Square Feet
Wharf = 10,874 m2 = 117,047 Square Feet
Integrated Logistics Overhaul Building = 2,110 m2 = 22,712 Square Feet
Equipment Laydown Building = 465 m2 = 5,005 Square Feet
Portal Crane System = 232 m2 = 2,497 Square Feet (New mission)

REQUIREMENT:

Adequate berthing structures are required to accommodate deep draft CVNs, including operational storage space and necessary utilities and mooring hardware. Three CVN berths are required at North Island; two berths to accommodate homeported CVNs and a third berth to support transient CVNs. The transient berth already exists, and one berth for a homeported CVN is currently under construction. This project provides berthing for a second homeported CVN.

CURRENT SITUATION:

Berth L-M is the only NAS North Island berth available for use by a nuclear-powered warship. Currently, this berth supports transient CVNs and other visiting Navy ships. This berth provides direct land access from the ship berth to an airfield for essential air wing logistics support, including aircraft onloads and offloads. In addition, PACNORWEST CVNs conduct their operational training in the Southern California Fleet Operating Areas. The only carrier accessible airfield is at NAS North Island. Therefore, this berth must be retained primarily for use as a transient berth to provide essential logistics support to PACNORWEST CVNs.

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00246
NAVAL AIR STATION NORTH ISLAND, SAN DIEGO, CA

4. Project Title	7. Project Number
BERTHING WHARF (INCREMENT II)	700B

(...continued)

In addition, Berth L-M is not intended or designed to support the level of depot maintenance that must be accomplished at the new CVN homeporting/ maintenance wharfs.

IMPACT IF NOT PROVIDED:

NAS North Island will not be able to provide a homeport/maintenance berth for additional homeported CVNs and still maintain transient CVN support capability for PACNORWEST CVNs. Three CVNs, which conduct operational training in the Southern California (SOCAL) Fleet Operating Areas, are scheduled to be homeported in the PACNORWEST. Without this project, a transient berth will not be available to provide logistics support for PACNORWEST CVNs; this would severely impact the Pacific Fleet's ability to provide maintenance support for PACNORWEST CVNs operating and training in the SOCAL area.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started	05/98
(B) Date Design 35% Complete	01/98
(C) Date Design Complete	06/99
(D) Percent Complete As Of September 1999	100%
(E) Percent Complete As Of January 2000	100%
(F) Type of Design Contract	Design/Bid/Build
(G) Parametric Estimate used to develop cost	No
(H) Energy study/life-cycle analysis performed	Yes

(2) Basis:

(A) Standard or Definitive Design: No
(B) Where Design Was Most Recently Used: N/A

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications	3310
(B) All Other Design Costs	1660
(C) Total	4970
(D) Contract	4420
(E) In-House	550

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00246
NAVAL AIR STATION NORTH ISLAND, SAN DIEGO, CA

4. Project Title	7. Project Number
BERTHING WHARF (INCREMENT II)	700B

(...continued)

(4) Contract Award..... 10/00

(5) Construction Start..... 10/00

(6) Construction Completion..... 01/02

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
CRANE RAIL EQUIPMENT	APN	2001	3200

Activity POC: CDR MICHAEL GIORGIONE Phone No: (619) 545-1113

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N68936	4. Command	5. Area Constr Cost Index
NAVAL AIR WARFARE CENTER POINT MUGU	Naval Air Systems Command	1.07

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 1/20/00	236	1,460	2,830	0	0	0	67	79	0	4,672
b. End FY 2006	293	1,615	3,040	0	0	0	67	79	0	5,094

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (0.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999	0.00
c.	AUTHORIZATION NOT YET IN INVENTORY	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM	11,400.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS	17,898.00
g.	REMAINING DEFICIENCY	74,228.00
h.	**GRAND TOTAL**	**103,526.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
319.40	RANGE OPS CTR ADDN & ALTER	12,785 m2	11,400	12/98	04/01
	TOTAL		11,400		

9. Future Projects:

a. Included In The Following Program (FY 2002):

None

b. Major Planned Next Three Years:

151.60	SURFACE TRANS FAC SNI	103,306 m2	17,898
	TOTAL		17,898

c. Real Property Maintenance Backlog ($000): $ 7,177

10. Mission Or Major Functions:

Provides research, development, test, evaluation, and in-service engineering for weapons systems associated with air warfare, including missiles and missile subsystems, airborne electronic warfare systems, and aircraft weapons integration. Also operates and maintains station facilities and provides support services for assigned tenants and activities.

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

303

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N68936	4. Project Title
NAVAL AIR WARFARE CENTER, WEAPONS DIV POINT MUGU, CALIFORNIA	RANGE OPERATIONS CENTER ADDITION/ALTS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0605001N	319.40	031	11,400

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
RANGE OPERATIONS CENTER ADDITION/ALTS	m2	12,785	-	8,590
BUILDING ADDITION	m2	2,763	1,683	(4,650)
BUILDING ALTERATIONS	m2	10,022	270	(2,710)
SPECIAL FEATURES	LS	-	-	(1,140)
TECHNICAL OPERATING MANUALS	LS	-	-	(90)
SUPPORTING FACILITIES	LS	-	-	2,170
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(500)
ELECTRICAL UTILITIES	LS	-	-	(440)
MECHANICAL UTILITIES	LS	-	-	(520)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(580)
DEMOLITION	LS	-	-	(130)
SUBTOTAL	-	-	-	10,760
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	10,760
Supervision Inspection & Overhead (6.0%)	-	-	-	640
TOTAL REQUEST	-	-	-	11,400
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

Two-story concrete masonry structure with pile foundation, built-up roof, raised computer floor, laboratory/technical areas, service elevator; special features, including: radio frequency emission controls, electromagnetic shielding, telephone system, vault, sound transmission coefficient (STC) 45 requirements, seismic upgrade; intrusion detection systems, physical security, ducting for communication and data cable, fire protection and sprinkler system, energy management and control system, air conditioning, utilities, parking and site improvements, control center renovation, and demolition of existing trailers.

11. Requirement: 12,785 m2 Adequate: 0 m2 Substandard: 10,022 m2

PROJECT:
Constructs an addition and provides alterations to an existing range operations center.

Range Operations Ctr Addition & Alterations = 12,785 m2 = 137,617 Square

(Continued On DD 1391C)

303

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N68936
NAVAL AIR WARFARE CENTER, WEAPONS DIV POINT MUGU, CALIFORNIA

4. Project Title	7. Project Number
RANGE OPERATIONS CENTER ADDITION/ALTS	031

(...continued)

Feet
Building Addition = 2,763 m2 = 29,741 Square Feet
Building Alterations = 10,022 m2 = 107,876 Square Feet (Current mission)

REQUIREMENT:

Adequate range operations facilities are required to safely and efficiently support the current mission of the Sea Range. The Range Operations Center (ROC) needs to be expanded and the existing buildings need to be renovated and remodeled. The new addition to the existing Range Operations Center will accommodate some of the major operational functions necessary to support the ROC's mission. The existing structures will be modified and upgraded to correct architectural and engineering problems.

CURRENT SITUATION:

The existing facility was originally constructed to accommodate the equipment designs that existed in the 1940s and 1950s. Modern equipment is designed and built with a different architectural concept. Range systems are continually upgraded and expanded to keep pace with the testing needs of modern weapons. The existing facility has severe quality of life problems associated with handicapped access and restroom facilities. Because of a lack of sufficient and appropriate space in the building, some engineering work, operations planning efforts, and parts of the maintenance efforts have been accomplished in trailers located adjacent to the complex. Range customers have no space to prepare for an operation or discuss last minute details and have to rent operational spaces to meet these needs. Because of the need to be near their stations, range operators cannot leave the building to attend pre and post-operation discussions.

IMPACT IF NOT PROVIDED:

Continued impact on operational efficiencies and workplace quality of life. Due to lack of adequate space in the existing range operations building; all operational planning and engineering, and portions of the maintenance requirement will continue to be housed in separate trailers. Also, due to lack of space in the existing building to conduct pre- and post-operation discussions, range operators still will not be able to participate in these critical discussions. Failure to support the implementation of the requirements defined herein will delay the

303

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N68936
NAVAL AIR WARFARE CENTER, WEAPONS DIV POINT MUGU, CALIFORNIA

4. Project Title	7. Project Number
RANGE OPERATIONS CENTER ADDITION/ALTS	031

(...continued)
integration of the West Coast Ranges and test facilities on a year-for-year basis. Delay in fully implementing support for new programs and systems such as Cooperative Engagement Capability, Ballistic Missile Defense projects, and missile update programs will result.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 12/98
- (B) Date Design 35% Complete..... 09/99
- (C) Date Design Complete..... 04/01
- (D) Percent Complete As Of September 1999..... 35%
- (E) Percent Complete As Of January 2000..... 65%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used: N/A

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 598
- (B) All Other Design Costs..... 398
- (C) Total..... 996
- (D) Contract..... 946
- (E) In-House..... 50

(4) Contract Award..... 12/00

(5) Construction Start..... 05/01

(6) Construction Completion..... 10/02

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: CDR CHRISTOPHER ROTH Phone No: 805-989-8501

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N63394	4. Command	5. Area Constr Cost Index
NAVAL SURFACE WARFARE CENTER PORT HUENEME CALIFORNIA	Naval Sea Systems Command	1.07

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 1/20/00	230	3,258	3,310	0	98	0	96	132	0	7,124
b. End FY 2006	220	3,202	4,025	0	211	0	96	132	0	7,886

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (0.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999.....	71,129.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	10,200.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	0.00
g.	REMAINING DEFICIENCY.....	19,800.00
h.	**GRAND TOTAL**.....	**101,129.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
315.30	WEAPN COMBAT SYS INTEG LAB	6,730 m2	10,200	12/98	05/01
	TOTAL		10,200		

9. Future Projects:

a. Included In The Following Program (FY 2002):

None

b. Major Planned Next Three Years:

None

c. Real Property Maintenance Backlog ($000): $ 8,115

10. Mission Or Major Functions:

Provides in-service engineering, test, evaluation, and program management for the following weapon systems and components: HARPOON, STANDARD missile, tomahawk, Basic Point Defense, AEGIS, NATO SEASPARROW, Target Acquisition System, AN/SPS-65 Radar, MK 92 Fire Control, and MK 86 Gun Fire Control System.

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

303

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N63394	4. Project Title
PT HUENEME DIV, NAV SURFACE WARFARE CTR PORT HUENEME, CALIFORNIA	WEAPON/COMBAT SYSTEMS INTEGRATION LAB

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0702096N	315.30	016	10,200

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
WEAPON/COMBAT SYSTEMS INTEGRATION LAB	M2	6,730	-	8,070
WEAPON/COMBAT INTEGRATION LABORATORY	M2	6,730	1,153	(7,760)
INFORMATION SYSTEMS	LS	-	-	(130)
BUILT-IN EQUIPMENT	LS	-	-	(90)
TECHNICAL OPERATING MANUALS	LS	-	-	(90)
SUPPORTING FACILITIES	LS	-	-	1,550
ELECTRICAL UTILITIES	LS	-	-	(160)
MECHANICAL UTILITIES	LS	-	-	(60)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(240)
EARTHWORK	LS	-	-	(300)
DEMOLITION	LS	-	-	(790)
SUBTOTAL	-	-	-	9,620
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	9,620
Supervision Inspection & Overhead (6.0%)	-	-	-	580
TOTAL REQUEST	-	-	-	10,200
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	2,350

10. Description of Proposed Construction

Two story structural steel building with: masonry and precast concrete exterior; built up roof on insulated metal decking; spread-footing concrete foundation on engineered fill; gas fired space and hot water heating; fire protection and alarm systems; security vaults; elevators; air conditioning to support a large amount of computers and electronic equipment; structural reinforcement for seismic zone four; technical operating manuals (dual language); site utilities; paving and site improvements. Project includes demolition of 16 buildings and termination of a commercial lease.

11. Requirement: 6,730 M2 Adequate: 0 M2 Substandard: 0 M2

PROJECT:

Project provides a consolidated engineering and computer center for direct, real-time fleet support to trouble shoot and resolve problems detected in fleet weapon/combat systems on ships deployed worldwide.

(Continued On DD 1391C)

303

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N63394
PT HUENEME DIV, NAV SURFACE WARFARE CTR PORT HUENEME, CALIFORNIA

4. Project Title	7. Project Number
WEAPON/COMBAT SYSTEMS INTEGRATION LAB	016

(...continued)

Weapon/Combat Systems Integration Lab = 6,730 m2 = 72,441 Square Feet
(Current mission)

REQUIREMENT:

Consolidated adequate and properly configured electronic laboratory facilities are required to support integrated work teams that provide real-time fleet support. As the In-Service Engineering Agent, the activity is responsible for total maintenance, testing, and logistic support of combat/weapon systems throughout the systems service life. Support includes integrated testing to verify and validate computer programs that control operational performance and safety of the combat systems before release to the fleet as well as real time problem solving and enhancements during the life of the system. Combat/weapon systems supported include: the newly introduced Integrated Ship Self Defense; Target Acquisition; NATO Evolved Sea Sparrow Missile; Rolling Airframe Missile; Rapid Anti-ship Integrated Defense; Standard Missile; Battle Force Tactical Trainer; and Cooperative Engagement Capability Systems.

CURRENT SITUATION:

Engineers, technicians and logisticians are working in inadequate and substandard facilities dispersed in multiple locations. Inadequate power systems and limited communications interconnectivity cannot support required team integration. Communication connectivity with the fleet is extremely limited. Computer program testing, trouble shooting and maintenance are inefficiently performed due to space, power, structural and location shortcomings of the existing multiple facilities. Power outages result in lost productivity, and power shortcomings prohibit establishing vital electronic links. These 30 to 50-year old structures do not comply with current building codes and seismic standards, have deteriorated beyond economical repair, and contain many violations of the Americans with Disabilities Act (ADA). Additionally, training is conducted in leased facilities and some combat/weapon system engineering work is being performed in private sector facilities (i.e., contractor facilities). The hardware in these facilities is not always in suitable control configuration to enable Navy independent verification and validation of system fixes and new capabilities to counter evolving global threat to U.S. and allied interests.

IMPACT IF NOT PROVIDED:

303

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N63394
PT HUENEME DIV, NAV SURFACE WARFARE CTR PORT HUENEME, CALIFORNIA

4. Project Title	7. Project Number
WEAPON/COMBAT SYSTEMS INTEGRATION LAB	016

(...continued)

The Integrated Ship Self Defense System, Battle Force Tactical Trainer, and Cooperative Engagement Capability will not be effectively supported. Rapid and accurate assessment of system upgrades and new elements, particularly computer programs, and isolation of the root cause of fleet reported system problems/malfunctions will be hindered. Accessibility, safety and electrical deficiencies in at least 13 buildings will remain uncorrected.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 12/98
- (B) Date Design 35% Complete..... 07/99
- (C) Date Design Complete..... 05/01
- (D) Percent Complete As Of September 1999..... 45%
- (E) Percent Complete As Of January 2000..... 65%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:
- (A) Standard or Definitive Design: Yes
- (B) Where Design Was Most Recently Used: DSGN BUILD

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 25
- (B) All Other Design Costs..... 110
- (C) Total..... 135
- (D) Contract..... 50
- (E) In-House..... 85

(4) Contract Award..... 12/00

(5) Construction Start..... 06/01

(6) Construction Completion..... 06/02

B. Equipment associated with this project which will be provided from

303

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N63394
PT HUENEME DIV, NAV SURFACE WARFARE CTR PORT HUENEME, CALIFORNIA

4. Project Title	7. Project Number
WEAPON/COMBAT SYSTEMS INTEGRATION LAB	016

(...continued)

other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
LAN Router Equipment	OPN	2001	410
Systems Furniture	NIF	2001	1820
Telephones	NIF	2001	120

Activity POC: CDR THOMAS BERSSON Phone No: 805-982-4741

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00245	4. Command	5. Area Constr Cost Index
NAVAL STATION SAN DIEGO CALIFORNIA	Commander in Chief Pacific Fleet	1.1

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 1/20/00	1,906	19,824	5,813	0	0	0	72	866	0	28,481
b. End FY 2006	1,773	20,583	5,351	0	0	0	178	2,589	0	30,474

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (1,518.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999.....	412,460.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	35,700.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	14,813.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	91,706.00
g.	REMAINING DEFICIENCY.....	314,690.00
h.	**GRAND TOTAL**.....	**869,369.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
151.50	BERTHING PIER	0 LS	35,700	03/99	11/01
	TOTAL		35,700		

9. Future Projects:

a. Included In The Following Program (FY 2002):

151.50	REPLACE PIER 10/11	750,000 SF	14,813
	TOTAL		14,813

b. Major Planned Next Three Years:

721.12	BACHELOR ENLISTED QUARTERS	29,100 m2	37,074
151.50	REPLACE BERTHING PIER	16,254 m2	48,038
165.10	UPGRADE PIER 6	0 LS	6,594
	TOTAL		91,706

c. Real Property Maintenance Backlog ($000): $ 46,910

10. Mission Or Major Functions:

Provide homeport facilities for approximately 54 warships, amphibious ships, and auxiliaries of the Pacific Fleet. Provide harbor and waterfront facilities, exchange, personnel support, athletic, recreational, berthing, messing, morale, and other logistics facilities.

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00245	4. Project Title
NAVAL STATION SAN DIEGO, CALIFORNIA	BERTHING PIER (INCREMENT I)

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0204796N	151.50	326	Auth 53,200 Appr 35,700

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
BERTHING PIER (INCREMENT I)	LS	-	-	45,550
PIER STRUCTURE	M2	16,731	1,111	(18,590)
PIER UTILITIES	LS	-	-	(9,800)
FENDER SYSTEM	m	922	3,959	(3,650)
DREDGING - (OCEAN DISPOSAL)	M3	211,000	16	(3,380)
DREDGING - (UPLAND DISPOSAL)	m3	211,000	48	(10,130)
SUPPORTING FACILITIES	LS	-	-	4,650
SHORE UTILITIES	LS	-	-	(2,100)
DEMOLITION AND REMOVAL	LS	-	-	(2,550)
SUBTOTAL	-	-	-	50,200
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	50,200
Supervision Inspection & Overhead (6.0%)	-	-	-	3,000
SUBTOTAL	-	-	-	53,200
LESS INCREMENT II (FY02)	LS	-	-	-17,500
TOTAL REQUEST	-	-	-	35,700
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	1,170

10. Description of Proposed Construction

Permanent concrete pier of 36.6 M (120 ft) wide by 444.4 M (1,458 ft) long to support 90 ton truck crane operation; concrete and plastic fendering system with foam-filled fenders and plastic log camels; utilities: freshwater, wastewater, compressed air, oily waste, electrical, mechanical utilities including telephone and fire alarm; cable television and energy savings systems, fiber optics cable for a computer network, pier lighting, guard house, and vending/telephone infra-structure; information systems; dredging to -11.3 M (-37 ft) mean lower low water (MLLW); provide for ocean disposal of suitable dredge materials and disposal of unsuitable dredge materials by use of a Confined Disposal Facility (CDF); supporting facilities include shore utilities and the demolition and removal of two existing piers.

(Continued On DD 1391C)

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00245
NAVAL STATION SAN DIEGO, CALIFORNIA

4. Project Title	7. Project Number
BERTHING PIER (INCREMENT I)	326

(...continued)

11. Requirement: 0 LS Adequate: 0 LS Substandard: 0 LS

PROJECT:

Constructs a new, concrete pier with complete shore utilities support.

Pier Structure = 16,731 m2 = 180,091 Square Feet
Fender System = 922 m = 3,025 Linear Feet
Dredging - = 211,000 m3 = 275,978 Cubic Yards (Current mission)

REQUIREMENT:

Adequate berthing is required to support the Naval Station San Diego, which is the Pacific Fleet's homeport for many large deck ships (such as Amphibious Assault - LHA/LHDs) and surface combatant classes including the newest guided missile cruisers and destroyers. These ships are categorized as deep draft/power intensive (DDPI) ships due to the requirement for electrical power to operate the communications suites and other electronic equipment. As of FY 1997, 19 DDPIs and 4 PI ships are assigned to the Naval Station. There are 17 DDPI berths which are in adequate condition. A 67% in-port loading factor is normally assumed to determine the required number of DDPI berths. However, operational tasking historically results in the loss of entire piers for ships repairs and training (single nesting), visiting ships and foreign ships berthing, ship decommissioning (single berth), and repairs/upgrades. The LHA/LHDs are not as power intensive as combatants, and their lengths take over entire piers, thereby eliminating berths that could be used to deliver the necessary power to truly DDPI combatants. This situation further complicates the berthing configuration and makes this project more necessary.

CURRENT SITUATION:

Existing Piers 10 and 11 are 1940s construction with insufficient power capabilities; are structurally deteriorated beyond economical repair; are structurally unsound; have inadequate utilities; have insufficient space for loading and unloading operations; have insufficient water depth for load out; and in general, are incapable of operationally supporting the Fleet.

IMPACT IF NOT PROVIDED:

The Naval Station will be unable to adequately support the waterfront

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00245
NAVAL STATION SAN DIEGO, CALIFORNIA

4. Project Title	7. Project Number
BERTHING PIER (INCREMENT I)	326

(...continued)

requirements of the Pacific Fleet, especially homeported ships that require DDPI berths.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 03/99
- (B) Date Design 35% Complete..... 04/00
- (C) Date Design Complete..... 11/01
- (D) Percent Complete As Of September 1999..... 5%
- (E) Percent Complete As Of January 2000..... 25%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 750
- (B) All Other Design Costs..... 2270
- (C) Total..... 3020
- (D) Contract..... 2570
- (E) In-House..... 450

(4) Contract Award..... 04/01

(5) Construction Start..... 12/01

(6) Construction Completion..... 04/03

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00245
NAVAL STATION SAN DIEGO, CALIFORNIA

4. Project Title	7. Project Number
BERTHING PIER (INCREMENT I)	326

(...continued)

HOSES, BROWS, PLATFORMS	O&MN	1999	500
POWER ASSEMBLY, WINCH, FLOATS,	OPN	1999	670

Activity POC: CDR FRANCIS WIEGAND, JR Phone No: (619) 556-1308

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M67399	4. Command	5. Area Constr Cost Index
MARINE CORPS AIR GROUND COMBAT CENTER TWENTYNINE PALMS, CALIFORNIA	Commandant of the Marine Corps	1.29

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 6/30/99	102	663	706	55	2,093	0	527	6,842	689	11,677
b. End FY 2006	106	654	629	45	2,920	0	696	7,547	1,177	13,774

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (605,616.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999	452,070.00
c.	AUTHORIZATION NOT YET IN INVENTORY	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM	2,100.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM	42,826.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS	42,888.00
g.	REMAINING DEFICIENCY	752,490.00
h.	**GRAND TOTAL**	**1,292,374.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
179.40	URBAN ASSAULT COURSE	568 m2	2,100	01/99	11/00
	TOTAL		2,100		

9. Future Projects:

a. Included In The Following Program (FY 2002):

171.35	MULTI-PURPOSE TANK COURSE	0 LS	10,464
721.11	BEQ	0 LS	16,181
721.11	BACHELOR ENLISTED QUARTERS	0 LS	16,181
	TOTAL		42,826

b. Major Planned Next Three Years:

722.10	ENLISTED DINING FAC	2,044 m2	8,251
722.10	ENLISTED DINING FAC	0 LS	8,374
171.10	STUDENT INDEPENDENT STUDY	0 LS	1,441
721.11	BACHELOR ENLISTED QUARTERS	0 LS	15,655
214.55	VEHICLE WASH STATION	0 LS	3,364
171.10	ACADEMIC INST BLDG	0 LS	5,803
	TOTAL		42,888

c. Real Property Maintenance Backlog ($000): $ 49,800

10. Mission Or Major Functions:

Provide housing, training facilities, logistical, and administrative support

(Continued On DD 1390C)

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M67399	4. Command	5. Area Constr Cost Index
MARINE CORPS AIR GROUND COMBAT CENTER TWENTYNINE PALMS, CALIFORNIA	Commandant of the Marine Corps	1.29

(...continued)

for Fleet Marine Force units and other units assigned. Operate the Communication-Electronics School, and administer and conduct the air-ground training program for combined training of Fleet Marine Force units, both active and reserve.

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $0

b. Occupational Safty And Health (OSH) (#): $0

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M67399	4. Project Title
MARINE CORP AIR-GROUND COMBAT CTR TWENTYNINE PALMS, CALIFORNIA	URBAN ASSAULT COURSE

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0206496M	179.40	542	2,100

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
URBAN ASSAULT COURSE	m2	568	-	560
RANGE CONTROL TOWER	m2	24	4,550	(110)
OPERATION/STORAGE BUILDING	m2	74	1,083	(80)
FIELD SERVICE HEAD WITH FIELD LINES	m2	22	4,741	(100)
COVERED MESS	m2	71	399	(30)
VAULT AND FIGHT	LS	-	-	(10)
CLEARING TECHNIQUES BUILDING	LS	-	-	(10)
GRENADIER GUNNARY	LS	-	-	(10)
DESTINY DOORWAY	LS	-	-	(10)
DODGE CITY	LS	-	-	(20)
SHOOTING HOUSE	m2	377	431	(160)
TECHNICAL OPERATING MANUALS	LS	-	-	(20)
SUPPORTING FACILITIES	LS	-	-	1,420
ELECTRICAL UTILITIES	LS	-	-	(80)
MECHANICAL UTILITIES	LS	-	-	(20)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,320)
SUBTOTAL	-	-	-	1,980
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	1,980
Supervision Inspection & Overhead (6.0%)	-	-	-	120
TOTAL REQUEST	-	-	-	2,100
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	450

10. Description of Proposed Construction

Military Operations on Urban Terrain (MOUT) Training Complex will be constructed of heavy wooden timbers capable of withstanding 80 mph wind gusts, treated for weather protection and preservation. Earth berms with wooden barriers will be provided for safety protection between the various facilities and the two other ranges located in the vicinity of the MOUT. Electrical power and conduit for computer cables will be included. Facilities will include a range control observation tower, an operation/storage building, a field service head with field lines, a covered mess, a vault and fight, a clearing techniques building, a grenadier gunnery, a destiny doorway, a Dodge City, and a shooting house.

(Continued On DD 1391C)

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M67399
MARINE CORP AIR-GROUND COMBAT CTR TWENTYNINE PALMS, CALIFORNIA

4. Project Title	7. Project Number
URBAN ASSAULT COURSE	542

(...continued)
Buildings will be of one and two story construction with and without stairways and capable of having remotely engaged targets appear in windows, doorways, and rooms. The target storage will be a pre-engineered metal building on a concrete floor slab.

11. Requirement: 568 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:
Constructs a live firing range for urban assault training consisting of the following scenarios: Vault and Fight, Clearing Techniques, Grenadier Gunnery, Destiny Doorway, Dodge City, and an indoor shooting house.

Urban Assault Course = 568 m2 = 6,114 Square Feet
Range Control Tower = 24 m2 = 258 Square Feet
Operation/Storage Building = 74 m2 = 797 Square Feet
Field Service Head with Field Lines = 22 m2 = 237 Square Feet
Covered Mess = 71 m2 = 765 Square Feet
Shooting House = 377 m2 = 4,058 Square Feet (Current mission)

REQUIREMENT:

An adequate live fire range is required for urban assault training at the Marine Corps Air Ground Combat Center (MCAGCC), Twentynine Palms, CA. The Marine Corps training philosophy revolves around the combined use of simulation and live fire events to prepare Marines for combat operations. Simulation allows Marines to initially learn techniques while saving ammunition. Live fire allows Marines to realize the effects and dangers of various weapons systems in a controlled environment before experiencing them in real combat.

CURRENT SITUATION:

Annually, over 33,000 Marines train during 10 Combined Arms Exercises (CAX) at the Marine Corps Air Ground Combat Center (MCAGCC) Twentynine Palms, CA in a multitude of live-fire training scenarios. The MCAGCC's large, open expanse allows the Marine Corps to conduct live fire operations up to the battalion and regimental level without endangering anyone. Currently, the MCAGCC has only open-air live fire desert training ranges on the Center and thus cannot conduct live fire indoor or urban warfare training. Although Marine Corps Bases Camp Pendleton, CA and Camp Lejeune, NC, and several Army bases, have urban assault courses (called "Military Operations in Urban Terrain" or "MOUT" facilities), they are simulation facilities that can only be used with blank ammunition and

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M67399
MARINE CORP AIR-GROUND COMBAT CTR TWENTYNINE PALMS, CALIFORNIA

4. Project Title	7. Project Number
URBAN ASSAULT COURSE	542

(...continued)

cannot be upgraded to handle live-fire training due to safety fan and material design constraints. Because of their proximity to the local communities, the relatively small size of their home bases, and the fact that these simulation MOUTs were not built to withstand the constant damage that would result from the use of live ammunition, these existing ranges cannot be upgraded for live fire use. Consequently, Twentynine Palms, as the Marine Corps' only live-fire combined arms training center, is the ideal location for a live-fire urban trainer. In the desert, far from encroaching civilian populations, an urban assault course capable of withstanding the destructive impact of real ammunition will meet explosive safety fan and spacial criteria and adequately provide CAX units basic instruction in live-fire urban assault techniques.

IMPACT IF NOT PROVIDED:

Marine units training at MCAGCC Twentynine Palms will not receive required basic training in live-fire urban assault techniques, will have to rely on simulated urban assault training, and will ultimately be less prepared for combat operations in urban environments. Marines participating in annual combined arms exercises (CAXs) at the MCAGCC will be limited to open-air desert environment scenarios.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 01/99
- (B) Date Design 35% Complete..... 09/99
- (C) Date Design Complete..... 11/00
- (D) Percent Complete As Of September 1999..... 35%
- (E) Percent Complete As Of January 2000..... 65%
- (F) Type of Design Contract..... Design/Bid/Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... N/A

(2) Basis:
- (A) Standard or Definitive Design: Yes
- (B) Where Design Was Most Recently Used: CAMP PENDL

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M67399
MARINE CORP AIR-GROUND COMBAT CTR TWENTYNINE PALMS, CALIFORNIA

4. Project Title	7. Project Number
URBAN ASSAULT COURSE	542

(...continued)

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 106
- (B) All Other Design Costs..... 70
- (C) Total..... 176
- (D) Contract..... 167
- (E) In-House..... 9

(4) Contract Award..... 03/01

(5) Construction Start..... 04/01

(6) Construction Completion..... 11/02

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Targeting	PMC	2002	450

Activity POC: LCdr R.W. Siegfried Phone No: (619) 830-6654

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00129	4. Command	5. Area Constr Cost Index
NAVAL SUBMARINE BASE NEW LONDON, CONNECTICUT	Commander in Chief Atlantic Fleet	1.04

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 1/20/00	702	5,393	1,115	0	598	0	17	11	0	7,836
b. End FY 2006	695	5,515	1,192	0	671	0	17	11	0	8,101

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (1,258.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999	791,578.00
c.	AUTHORIZATION NOT YET IN INVENTORY	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM	3,100.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS	0.00
g.	REMAINING DEFICIENCY	406,004.00
h.	**GRAND TOTAL**	**1,200,682.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
159.64	DRYDOCK SUPPORT FACILITY	0 LS	3,100	03/99	05/00
	TOTAL		3,100		

9. Future Projects:

a. Included In The Following Program (FY 2002):

None

b. Major Planned Next Three Years:

None

c. Real Property Maintenance Backlog ($000): $ 109,492

10. Mission Or Major Functions:

Serves as homeport for operational attack submarines of the Atlantic Fleet, providing refit, maintenance, replenishment, training, and ordnance support. Serves as host to other commands located on the base. Training and other support of Fleet Ballistic Missile submarine off-crews. Submarine Support Facility Submarine Squadron Two Submarine Medical Center (Hospital) Naval Undersea Medical Institute Submarine School Submarine Development Squadron 12 Submarine Medical Research Laboratory

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00129	4. Project Title
NAVAL SUBMARINE BASE NEW LONDON, CONNECTICUT	DRYDOCK SUPPORT FACILITY

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0204896N	159.64	429	3,100

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
DRYDOCK SUPPORT FACILITY	LS	-	-	2,680
DRYDOCK SUPPORT FACILITY	M2	676	1,709	(1,160)
FENDER SYSTEM	M	123	3,075	(380)
TRANSFER BRIDGE	LS	-	-	(1,110)
BUILT IN EQUIPMENT	LS	-	-	(30)
SUPPORTING FACILITIES	LS	-	-	240
ELECTRICAL UTILITIES	LS	-	-	(160)
MECHANICAL UTILITIES	LS	-	-	(20)
SITE IMPROVEMENTS	LS	-	-	(40)
DEMOLITION	LS	-	-	(20)
SUBTOTAL	-	-	-	2,920
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	2,920
Supervision Inspection & Overhead (6.0%)	-	-	-	180
TOTAL REQUEST	-	-	-	3,100
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-

10. Description of Proposed Construction

Provides a 676m2 (55m x 12m) finger pier east of Mooring Platform "A" with steel transfer bridge to the existing floating drydock (ARDM-4). Pier construction consists of epoxy coated steel pipe piles with concrete bents and deck with fender system and cathodic protection. Selected demolition at quaywall along with electrical, mechanical, fencing, and cathodic protection upgrades at Pier 15. Miscellaneous fixtures including: bollards, cleats, and additional utility outlets.

11. Requirement: 0 LS Adequate: 0 LS Substandard: 0 LS

PROJECT:
Provides a finger pier for improved access to the existing floating drydock (ARDM-4) to allow more efficient and safe Submarine Selected Restricted Availabilities (SRA) and Submarine Intermediate Maintenance Availabilities (IMA).

Drydock Support Facility = 676 m2 = 7,276 Square Feet
Fender System = 123 M = 123 Linear Feet (Current mission)

(Continued On DD 1391C)

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00129
NAVAL SUBMARINE BASE NEW LONDON, CONNECTICUT

4. Project Title	7. Project Number
DRYDOCK SUPPORT FACILITY	429

(...continued)

REQUIREMENT:

An adequate finger pier is required for improved access to floating drydock ARDM-4 to insure fleet readiness through efficient and safe drydock operations at SUBASE New London. The FY00 decommissioning of the ARDM-4 will shift the operational demands to the remaining drydock. SRA's are expected to increase for the ARDM 4 from four per year, average 45 days each, to five, and from four emergency events per year, average 23 days each, to an average of six per year requiring drydock services. Total days needed to satisfy these requirements, including approximately 16 days to cut and place the support block cradle (1.5 days per docking for eleven dockings), with current ARDM-4 berthing configuration is 379 working days, which exceeds the current capacity of 356 working days per year. ARDM-4 operations must become more efficient to satisfy these requirements.

CURRENT SITUATION:

Pier 15 currently supports berthing of floating dry-dock ARDM-4 on its north side; the southern side is used for submarine berthing. The unusual configuration of Pier 15, which features a large "cut out" in the north side deck, severely constrains vehicular and pedestrian access to ARDM-4 and provides little more than a 30' wide "catwalk" for work area and staging of equipment and supplies. Due to the tight turning radii required to navigate around the cut out, and the inadequate width of the surrounding deck, direct vehicular access to the ARDM is very limited. Conflicting requirements for access by sludge trucks, pure water trucks, personnel trailers and cranes constantly interfere with effective pier operations for the ARDM as well as for the submarine berths.

The only access from Pier 15 to the interior of the drydock is a 12 ft opening with a 5 ft wide pedestrian ramp in the drydock wall. During an SRA, this opening is used for running cables, sludge hoses and water hoses, as well as for movement of equipment and supplies, and for personnel access to and from the dry-dock basin. This congestion results in personnel tripping hazards, limited ability to use forklifts and frequent blocking of the 12 FT fire lane. Any items that cannot be moved through this opening must be hoisted by crane over the top of the 60 ft. bulkhead. Because most trailer trucks cannot back onto the pier, supplies must first be unloaded from delivery trucks by hand or forklift, and transferred to a point on the pier where the drydock crane can lift them

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00129
NAVAL SUBMARINE BASE NEW LONDON, CONNECTICUT

4. Project Title	7. Project Number
DRYDOCK SUPPORT FACILITY	429

(...continued)

over the wall. For any lift exceeding 12 tons, a floating crane must be used. During start-up, an average of 300 drydock crane lifts are made per week by the starboard side crane, which has the only access to the pier. The port crane cannot reach the pier in its current configuration.

IMPACT IF NOT PROVIDED:

If not provided, SUBASE New London will be unable to adequately reduce the duration of SRA's performed by ARDM-4 to allow for the additional SRA without losing the capability to perform six emergency events per year. Estimated annual cost savings of $544K will not be realized. Safety of Navy personnel and submarine assets will continue to be jeopardized due to the inaccessibility of the pier areas in emergencies. The cost to perform one emergent repair at a local commercial drydock is approximately $1,100,000. ($50,000 docking fees and $350,000 per week times three weeks).

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started	03/99
(B) Date Design 35% Complete	10/99
(C) Date Design Complete	05/00
(D) Percent Complete As Of September 1999	30%
(E) Percent Complete As Of January 2000	60%
(F) Type of Design Contract	Design/Bid/Build
(G) Parametric Estimate used to develop cost	Yes
(H) Energy study/life-cycle analysis performed	N/A

(2) Basis:

(A) Standard or Definitive Design: No

(B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications	198
(B) All Other Design Costs	97
(C) Total	295
(D) Contract	250

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00129
NAVAL SUBMARINE BASE NEW LONDON, CONNECTICUT

4. Project Title	7. Project Number
DRYDOCK SUPPORT FACILITY	429

(...continued)

(E) In-House..... 45

(4) Contract Award..... 11/00

(5) Construction Start..... 01/00

(6) Construction Completion..... 06/02

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: Cdr Merritt Pedrick Phone No: 860-694-3541

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00171	4. Command	5. Area Constr Cost Index
COMMANDANT NAVAL DISTRICT WASHINGTON WASHINGTON DISTRICT OF COLUMBIA	Chief of Naval Operations	0.95

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 6/30/99	5,875	6,247	16,956	861	255	0	35	116	0	30,345
b. End FY 2006	6,061	6,147	19,824	454	275	0	35	116	0	32,912

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (704.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999	865,615.00
c.	AUTHORIZATION NOT YET IN INVENTORY	3,700.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM	2,450.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM	7,566.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS	4,964.00
g.	REMAINING DEFICIENCY	49,146.00
h.	**GRAND TOTAL**	**933,441.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
760.10	NAVY MUSEUM ANNEX	3,004 m2	2,450	03/99	09/00
	TOTAL		2,450		

9. Future Projects:

a. Included In The Following Program (FY 2002):

721.11	BEQ REPLACMENT (F-1687)	5,520 m2	7,566
	TOTAL		7,566

b. Major Planned Next Three Years:

610.10	CONSOLIDATED SUP OP CTR	2,540 m2	4,964
	TOTAL		4,964

c. Real Property Maintenance Backlog ($000): $ 282,300

10. Mission Or Major Functions:

Provide personnel support and logistics for Naval commands in the Washington area, including personnel, administrative, public works, supply, waterfront and harbor services. Chesapeake Division Naval Facilities Engineering Command Naval Historical Center Naval Weapons Engineering Support Activity Naval Data Automation Command

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

308

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00171	4. Project Title
COMMANDANT NAVAL DISTRICT WASHINGTON WASHINGTON, D. C.	NAVY MUSEUM ANNEX

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0901296N	760.10	339	2,450

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
NAVY MUSEUM ANNEX	m2	3,004	759	2,280
SUPPORTING FACILITIES	LS	-	-	30
PAVING AND SITE IMPROVEMENTS	LS	-	-	(30)
SUBTOTAL	-	-	-	2,310
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	2,310
Supervision Inspection & Overhead (6.0%)	-	-	-	140
TOTAL REQUEST	-	-	-	2,450
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

Repair and renovate Building 70 at the Washington Navy Yard. Upgrade mechanical and electrical systems to provide a shell for the Navy Museum Annex. Provide gypsum wallboard partitions with insulation, new wall coverings for interior masonry walls, ceiling and insulation, floor slab, new fire safety doors, new doors and windows. Repair existing structure, including roof and clerestory, masonry walls, foundations and steel structure. Meet museum standards for climate control and lighting. Demolish interior partitions and obstructions. Provide site improvements and handicap accessibility. Museum displays and exhibits will be developed with other funds.

11. Requirement: 3,004 m2 Adequate: 0 m2 Substandard: 3,004 m2

PROJECT:

This project provides permanent Navy Museum exhibit space for scholarly research and public viewing, and expands the Navy Museum to accommodate permanent exhibits from the Cold War era, including the Korean War, Vietnam, and regional conflicts.

Navy Museum Annex = 3,004 m2 = 32,335 Square Feet (Current mission)

REQUIREMENT:

Adequate exhibit facilities are required to meet the needs of the Navy

(Continued On DD 1391C)

308

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00171
COMMANDANT NAVAL DISTRICT WASHINGTON WASHINGTON, D. C.

4. Project Title	7. Project Number
NAVY MUSEUM ANNEX	339

(...continued)

Museum and tell the story of the Cold War era. The Naval Historical Center recognizes that the role of the Navy Department in the conduct of the Cold War was extensive and vital to the protection of American interests on the seas and ashore. The conclusion of the Cold War shaped current international relations and altered the mission and composition of the military. For these reasons, the involvement of the Navy in the major conflicts, daily operations, and conclusion of war is studied by policy makers, scholars, and the public. It is also important to officially recognize the sacrifices and contributions of the sailors who served during this dramatic period. Therefore, there is a need to extend the museum's coverage of this era of history to tell the Navy's story and exhibit artifacts of the era.

CURRENT SITUATION:

The Navy Museum occupies Buildings 76 and 67 in the Navy Yard Historic District. Museum exhibit space is not now available, in existing facilities, to house Cold War exhibits, artifacts and conduct related activities. Building 70 is a contributing element of the Navy Yard historic district and is adjacent to the Navy Museum, the Navy Art Gallery, and the display ship Barry. It currently houses a submarine exhibit and curator storage; however, access to the exhibit space is restricted because the building does not meet life safety codes for public use. Environmental controls are insufficient to safely display and preserve sensitive artifacts. As a result, the building is not routinely open, and exhibits are not available for public view. The Navy Museum is authorized by Secretary of the Navy Instruction 5755.1A to be the official Navy service museum.

IMPACT IF NOT PROVIDED:

Without this renovated facility the Navy Museum will be unable to completely fulfill its mission of stewardship, mandated by public law, to display and preserve the Navy's heritage for posterity. If this facility is not renovated this important era of our nation's and navy's history will not be readily available for scholars and public display. Artifacts currently in Building 70 will continue to be exposed to an adverse preservation environment.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop

308

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00171
COMMANDANT NAVAL DISTRICT WASHINGTON WASHINGTON, D. C.

4. Project Title	7. Project Number
NAVY MUSEUM ANNEX	339

(...continued)

project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 03/99
- (B) Date Design 35% Complete..... 09/99
- (C) Date Design Complete..... 05/01
- (D) Percent Complete As Of September 1999..... 35%
- (E) Percent Complete As Of January 2000..... 75%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... No

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used: N/A

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 155
- (B) All Other Design Costs..... 75
- (C) Total..... 230
- (D) Contract..... 200
- (E) In-House..... 30

(4) Contract Award..... 02/01

(5) Construction Start..... 04/01

(6) Construction Completion..... 12/02

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: LTJG MARK STEIN Phone No: (202) 433-2233

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M65049	4. Command	5. Area Constr Cost Index
MARINE BARRACKS, 8TH & I WASHINGTON, DISTRICT OF COLUMBIA	COMMANDANT OF THE MARINE CORPS	0.95

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 6/30/99	53	1,084	59	0	0	0	0	0	0	1,196
b. End FY 2006	53	962	59	0	0	0	0	0	0	1,074

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (5.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999	5.00
c.	AUTHORIZATION NOT YET IN INVENTORY	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM	17,197.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS	6,000.00
g.	REMAINING DEFICIENCY	0.00
h.	**GRAND TOTAL**	**23,202.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
721.11	BEQ	17,848 m2	17,197	10/99	04/01
	TOTAL		17,197		

9. Future Projects:

a. Included In The Following Program (FY 2002):

None

b. Major Planned Next Three Years:

932.20	SITE IMPROVEMENTS	0 LS	6,000
	TOTAL		6,000

c. Real Property Maintenance Backlog ($000): $ 200

10. Mission Or Major Functions:

To provide troops for ceremonial and special security purposes as directed; to maintain quarters for the Commandant of the Marine Corps and other senior officers; to operate the Marine Corps Institute; to provide administrative and logistical control for the United States Marine Band; to provide Presidential security; and to maintain one trained civil disturbance company for deployment as directed by the Commandant of the Marine Corps.

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

307

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M65049	4. Project Title
WASHINGTON MARINE BARRACKS, 8TH & I ST WASHINGTON, DC	BACHELOR ENLISTED QUARTERS

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0901296M	721.24	990	17,197

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
BACHELOR ENLISTED QUARTERS	m2	17,848	-	14,980
BUILDING	m2	7,055	1,423	(10,040)
BEQ SUPPORT AREA	m2	1,763	1,233	(2,170)
PARKING STRUCTURE	m2	9,030	276	(2,490)
BUILT-IN EQUIPMENT	LS	-	-	(200)
TECHNICAL OPERATING MANUALS	LS	-	-	(50)
INFORMATION SYSTEMS	LS	-	-	(30)
SUPPORTING FACILITIES	LS	-	-	1,250
SPECIAL ARCHITECTURAL FEATURES	LS	-	-	(500)
ELECTRICAL UTILITIES	LS	-	-	(50)
MECHANICAL UTILITIES	LS	-	-	(50)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(490)
FORCE PROTECTION	LS	-	-	(160)
SUBTOTAL	-	-	-	16,230
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	16,230
Supervision Inspection & Overhead (6.0%)	-	-	-	967
TOTAL REQUEST	-	-	-	17,197
EQUIPMENT FROM OTHER APPROPRIATIONS		-	- (NON-ADD)	1,002

10. Description of Proposed Construction

Multi-story, brick-faced, cast stone detailed, masonry bachelor enlisted quarters (BEQ) that matches Georgian style, red-brick architecture of current 8th & I facilities and incorporates special architectural features to include hip-style roof, arcade, and slate shingles. BEQ will include 166 "2x0" configured rooms with semi-private bathrooms and walk-in closets, air-conditioning, fire protection, elevators, all utilities (including CATV cabling/telephones), mechanical equipment, laundry rooms, force protection features (such as building hardening, glass treatment, barriers), recreation areas, supply storage, janitor closets, guest restrooms, and service areas. First floor of BEQ will include supporting physical fitness area, administrative space, and Marine Corps Exchange components (convenience store, uniform shop, tailor/dry cleaner, barber shop), library/computer lounge, post office, technical operating manuals,

(Continued On DD 1391C)

307

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M65049
WASHINGTON MARINE BARRACKS, 8TH & I ST WASHINGTON, DC

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS	990

(...continued)

and paving and site improvements (to include ornate perimeter fencing and generous landscaping for architectural compatibility per National Capital Planning Commission (NCPC) requirements, sidewalks, electric substation and switchgear, water/sewer/storm drain utility tie-ins, flagpole, paving, and site lighting and signage). Parking structure will be a multi-story structure with 273 parking spaces constructed to match the architectural features of the existing 8th & I facilities and will include fire protection, utilities, and force protection features (such as sentry booths and mechanical barriers for the street entrance).

11. Requirement: 786 PN Adequate: 239 PN Substandard: 0 PN

PROJECT:

Constructs a "2x0" bachelor enlisted quarters with 166 rooms, a Support Area in the BEQ with physical fitness, recreation, and Exchange components, and a parking garage for junior enlisted personnel at Marine Barracks, 8th & I Streets, Washington D.C.

Bachelor Enlisted Quarters = 17,848 m2 = 192,114 Square Feet
Building = 7,055 m2 = 75,939 Square Feet
BEQ Support Area = 1,763 m2 = 18,977 Square Feet
Parking Structure = 9,030m2 = 97,198 Square Feet (Current mission)

REQUIREMENT:

Adequate and modern bachelor housing with physical fitness; recreation, and Exchange spaces, and a parking garage for junior enlisted Marines assigned to the Marine Barracks at 8th & I. The Marine Barracks at 8th & I is situated on 4.74 acres of land in the urbanized core of southeast Washington DC. There are 12 buildings, including 5 general officer/Commanding Officer family housing quarters, on the Post. Due to site constraints, two major Marine Barracks functions are located off-site at the Washington Navy Yard (Marine Corps Institute non-resident education) and Anacostia (Motor transport). The Marine Barracks consists of over 871 Marines who provide a light infantry battalion for White House and civil disturbance security missions, formal ceremonies (parades, funerals, silent drill team, color guards), nonresident instruction management, and musical support to the President and the Commandant of the Marine Corps. Operations tempo is extremely high. Barracks Marines participate in and support over 3500 commitments annually nationwide. Over 63% of 8th&I Marines are junior enlisted personnel, and 76% of them are bachelors on their first tour.

307

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M65049
WASHINGTON MARINE BARRACKS, 8TH & I ST WASHINGTON, DC

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS	990

(...continued)

CURRENT SITUATION:

LAND ACQUISITION: Under a Memorandum of Understanding with the Washington D.C. Housing Authority, the Marine Corps has acquired 7.5 acres of land 2 blocks southwest of the current Marine Barracks. Both sites are part of the urbanized core of Southeast Washington D.C. and are surrounded by a mixture of moderate density residential, light industrial, and retail uses as well as the Washington Navy Yard. As part of the agreement with the D.C. Housing Authority, and in exchange for demolition of the condemned apartment buildings on site, the Marine Corps must construct architecturally enhancing and aesthetic "role model" facilities for economic revitalization of the urban core and also improve existing recreational areas on the new site by FY 2001. Given the Marine Barracks' significant bachelor housing and support facilities deficiencies, the DC Housing Authority's offer was accepted by the Marine Corps.

BEQ: While the Marine Barracks has a 646 junior enlisted bachelor housing manspace requirement, the existing 1970's vintage bachelor housing facility has only 274 adequate manspaces. Of these, 26 manspaces are utilized for company administrative areas due to serious admin space deficiencies on the Post. The existing BEQ space, which is undergoing extensive renovation, is also diminished by the requirement to provide locker space for the ceremonial uniforms of the 647 Barracks Marines who must commute to work. The over 250 single junior enlisted Marines who cannot be housed on the Post, plus half the population of the existing BEQ due to renovation displacement, are currently living off-base either in the Anacostia Navy or Henderson Hall Marine BEQs or on the economy receiving Basic Allowances for Housing (BAH). Those that live in area BEQs do so on temporary lease arrangements with the host units (both leases expire in Oct 2000) and live in a "foster-care" environment. For those young Marines who must rent or buy homes, quality of life is seriously degraded because, to find affordable housing, they must commute 20-100 miles round trip daily and then struggle when they get to work to find legal parking. None of the young Marines living off-Post experience the unit connectivity or benefit from the supervision provided in a parent-unit BEQ living environment. These off-base living conditions seriously compromise the readiness, rapid response capability, team bonds, and logistics efficiencies vital to the successful conduct of the Marine Barracks' mission.

SUPPORT AREA: Because their missions are always high visibility events, Barracks Marines must pay extraordinary attention to their military appearance and physical fitness and require exceptional flexibility in

307

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M65049
WASHINGTON MARINE BARRACKS, 8TH & I ST WASHINGTON, DC

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS	990

(...continued)

logistical support. These Marines work long and varied hours with commitments that often require arriving at work before 0400 and departing after midnight. Barracks Marines, who support 1 to 5 events daily and change their uniforms 2 to 3 times a day, often with only 30 minutes between commitments, require immediate access to fitness areas and Exchange services (including barber shop, uniform shop, drycleaning, convenience store, and post office). Traveling to other local bases for basic exchange services cannot be accomplished within the limited time available. With the addition of over 250 Marines living on site, the need to enhance current services and to satisfy long-term deficiencies is even more critical to maintaining the high standards of readiness required of Barracks Marines. Currently, the Marine Barracks' 1975-vintage gymnasium, weight room, aerobic room, and support areas, at 11,119 square feet, provide less than half the indoor fitness area required (24,500 ft2) and have, over the years, become extremely crowded and inadequate. Consequently, many Barracks Marines choose to risk running outside through the inner city streets of Washington DC rather than to endure the crammed conditions of the indoor facilities. The existing BEQ currently has an Exchange Complex and a dining facility. However, with the construction of the new BEQ, the dining facility will have to be expanded to feed the additional 259 Marines. This expansion will extend into the spaces currently occupied by the Exchange and will require relocation of the Exchange Complex to the new BEQ.

PARKING: With a parking requirement of 574 spaces, the Barracks only has enough parking for about half the Marines who need it. Current available parking consists of a 215 space parking garage on-Post, 8 spaces in the General Officer's garages, 33 on-Post staff / visitor spaces, 53 leased spaces underneath the I-295 freeway (lease expires in FY 2000 due to construction), and approximately 38 first-come/first-serve spaces aboard the Washington Navy Yard. For the remaining approximately 300 Marines who cannot get any of the above spaces, finding parking every day is a monumental challenge. Because the National Capitol Planning Commission (NCPC) stipulates a one to three parking ratio for the National Capitol Region to decrease automobile density and promote use of mass-transit in the District, available parking in Washington DC is at a premium. Thus, to park legally in Southeast DC, Barracks Marines must park 4-5 blocks away from the Post. Given their early and late working hours, these Marines are constantly exposed to personal danger and to burglary of their vehicles. Thus, many Marines choose to risk parking illegally near the Post and to pay hundreds and often thousands of dollars in parking fines. Also, because of their unusual working hours, these junior Marines must generally own their own vehicles and cannot rely on the subway, buses, or

307

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M65049
WASHINGTON MARINE BARRACKS, 8TH & I ST WASHINGTON, DC

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS	990

(...continued)

car-pooling to eliminate their parking problems. Finally, a parking garage is required because of force protection criteria, space constraints, and NCPC requirements.

IMPACT IF NOT PROVIDED:

Junior enlisted single Marines will continue to live off-base on the expensive economy and to commute long distances from affordable housing. Marines will also continue to have great difficulty finding parking in the dense urban area surrounding the current Marine Barracks site and expose themselves to danger and damage to their vehicles from parking far away or continue to incur large fines from parking illegally close to the Barracks. These situations will adversely affect Marines' abilities to effectively respond to their high visibility commitments, impair their quality of life by adding arduous living conditions to an already complex and challenging work schedule, and degrade the readiness of the Marine Barracks to perform its mission.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 10/99
- (B) Date Design 35% Complete..... 03/00
- (C) Date Design Complete..... 11/00
- (D) Percent Complete As Of September 1999..... 0%
- (E) Percent Complete As Of January 2000..... 15%
- (F) Type of Design Contract..... Design/Bid/Build
- (G) Parametric Estimate used to develop cost..... No
- (H) Energy study/life-cycle analysis performed..... No

(2) Basis:
- (A) Standard or Definitive Design: Yes
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 1095
- (B) All Other Design Costs..... 548
- (C) Total..... 1643

307

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M65049
WASHINGTON MARINE BARRACKS, 8TH & I ST WASHINGTON, DC

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS	990

(...continued)

(D) Contract..... 1460
(E) In-House..... 183

(4) Contract Award..... 01/01

(5) Construction Start..... 04/01

(6) Construction Completion..... 05/03

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Collateral Equipment	O&M,MC	2002	1002

Activity POC: MAJ FRANK QUIGLEY Phone No: 202-433-6269

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/1/00

3. Installation and Location/UIC: N00173	4. Command	5. Area Constr Cost Index
NAVAL RESEARCH LABORATORY WASHINGTON DISTRICT OF COLUMBIA	Chief of Naval Operations	0.95

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 6/30/99	20	2	2,532	0	0	0	19	128	216	2,917
b. End FY 2006	22	2	2,472	0	0	0	19	128	216	2,859

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (562.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999.....	735,831.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	12,390.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	9,891.00
g.	REMAINING DEFICIENCY.....	44,900.00
h.	**GRAND TOTAL**.....	**803,012.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
310.15	ATOMIC ENG MATLS FAC	3,083 m2	12,390	10/98	05/00
	TOTAL		12,390		

9. Future Projects:

a. Included In The Following Program (FY 2002):

None

b. Major Planned Next Three Years:

310.33	CENTRAL COMPUTING FACILITY	4,561 m2	9,891
	TOTAL		9,891

c. Real Property Maintenance Backlog ($000): $ 200

10. Mission Or Major Functions:

To conduct a broadly-based multi-disciplined program of scientific research and advanced technological development directed toward new and improved materials, equipment, techniques, systems, and related operational procedures for the Navy.

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

303

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00173	4. Project Title
NAVAL RESEARCH LABORATORY, WASHINGTON, DISTRICT OF COLUMBIA	NANO-SCIENCE RESEARCH LABORATORY

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0605001N	310.15	050	Auth 12,390 Appr 0

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
NANO-SCIENCE RESEARCH LABORATORY	M2	3,083	-	9,960
BUILDING	M2	3,083	1,906	(5,880)
BUILT-IN EQUIPMENT	LS	-	-	(3,850)
INFORMATION SYSTEMS	LS	-	-	(60)
TECHNICAL OPERATING MANUALS	LS	-	-	(170)
SUPPORTING FACILITIES	LS	-	-	1,730
SPECIAL FOUNDATION FEATURES	LS	-	-	(310)
MECHANICAL UTILITIES	LS	-	-	(350)
ELECTRICAL UTILITIES	LS	-	-	(370)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(330)
DEMOLITION	LS	-	-	(370)
SUBTOTAL	-	-	-	11,690
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	11,690
Supervision Inspection & Overhead (6.0%)	-	-	-	700
SUBTOTAL	-	-	-	12,390
AMT FUNDED W/ PRIOR YR UNOBLIGATED BALANCE	LS	-	-	-12,390
TOTAL REQUEST	-	-	-	-
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

Three-story, concrete frame building, with pile foundation, floating (vibration free) concrete floor, pre-cast walls, elevator, strict temperature and humidity controls, air conditioners, central deionized water distribution, central liquid nitrogen distribution, laboratory utilities, elevated walkway to existing lab building 207. Built-in equipment includes clean room, laboratory equipment, electromagnetic shielding, laboratory hoods/scrubbers, raised access flooring, slab vibration isolation, magnetic isolation, and emergency power systems. Special foundation features include piles. Technical operating manuals. Demolition of six buildings.

(Continued On DD 1391C)

303

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00173
NAVAL RESEARCH LABORATORY, WASHINGTON, DISTRICT OF COLUMBIA

4. Project Title	7. Project Number
NANO-SCIENCE RESEARCH LABORATORY	050

(...continued)

11. Requirement: 3,083 M2 Adequate: 0 M2 Substandard: 0 M2

PROJECT:

Constructs a laboratory facility, with state-of-the-art clean rooms, to permit the Navy to conduct basic and exploratory research and advanced development of materials and devices in the nanometer scale (nanoscience is the emerging field of man-made materials synthesized and fabricated at the atomic and molecular levels) and technology.

Atomically Engineered Materials Facility = 3,083 m2 = 33,185 Square Feet (Current mission)

REQUIREMENT:

The Office of the Director of Defense Research and Engineering (DDR&E) has specifically requested timely construction of a nanoscience facility at the Naval Research Laboratory (NRL). DoD has made nanoscience one of the six Strategic Research Objectives in the DoD Basic Research Plan. The Office of Management and Budget and the President's Office of Science and Technology have recommended doubling nanoscience funding in the FY2001 budget.

Adequate and properly configured laboratory facilities are required to conduct basic and exploratory research, and advanced technology development for materials synthesis, processing, integration and analysis at the atomic and molecular levels. This facility will enable the development of man-made materials with future fleet readiness applications for all Naval systems and platforms. Unprecedented potential technology advancements to meet tomorrow's Naval requirements are available in nanometric electronics, superconductivity, low observables (i.e. stealth), biomolecular engineering, magneto electronics, high performance sensors, high strength/low weight structural materials, and electromagnetic propulsion systems.

Significant applications to the Fleets include: high frequency (wide bandwidth) communications for fire control, computers, electronic warfare jammers and communications that utilize one common antenna array; enhanced array detectors for guidance systems for Tomahawk missiles and other smart munitions; miniaturized sensors and actuators for reduced ship manning for damage control; low power personal communication devices; and materials for power electronic components including superconducting and magnetic materials for high efficiency propulsion systems for surface and

303

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00173
NAVAL RESEARCH LABORATORY, WASHINGTON, DISTRICT OF COLUMBIA

4. Project Title	7. Project Number
NANO-SCIENCE RESEARCH LABORATORY	050

(...continued)

subsurface units.

This facility is the Navy's only laboratory for this type of work. NRL is the best possible location for this facility because of its superior, qualified labor pool. There is no larger single concentration of scientists and engineers in the United States working on nanoscience than is found at NRL. The NRL research effort is pushing the state of the art. Accessible facilities in academic and/or commercial sectors are not state of the art. There are only a few state of the art facilities like the proposed facility in existence in the country. In the commercial sector they are fully utilized for development and production operations and not on research, synthesis, processing, and characterization of novel nano structured materials and devices. NRL teams with academic scientists; NRL has 14 active Cooperative Research and Development Agreements with academia and industry in nanoscience. All are based on NRL developed Navy patents. NRL has licensed 9 Navy patents related to nanoscience research to industry since 1992, and has submitted 19 Navy patents in the last year resulting from nanoscience research. Private industry cannot be relied upon for this research, because it is too expensive for private industry to make initial advances.

CURRENT SITUATION:

The existing facilities, constructed between 1923 and 1945, are inadequate to support the current generation of research, due to vibration, electromagnetic and acoustic noise, inadequate utilities, and lack of high grade clean rooms. The existing facilities cannot be adapted to accommodate the vibration isolation, and clean room requirements necessary to adequately support research at the atomic and molecular levels.

IMPACT IF NOT PROVIDED:

The Department of the Navy warfighting strategy is predicated on the continued rapid advancement of electronics and sensor technology. This advancement cannot continue unless fundamental impediments at the atomic and nanometer scale are resolved. This project is critically needed to solve those issues. Current electronic technology cannot meet the Navy's need and can not be extrapolated to the nanometer scale which is required in order to meet the need. Vibration, electromagnetic noise and particulate contamination currently negatively impact the ability to develop nanometer scale materials with future fleet readiness applications, particularly improved command, control, and communications for all Naval systems and platforms.

303

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00173
NAVAL RESEARCH LABORATORY, WASHINGTON, DISTRICT OF COLUMBIA

4. Project Title	7. Project Number
NANO-SCIENCE RESEARCH LABORATORY	050

(...continued)

Lack of this facility increasingly hinders or prevents the development of applications that would be of benefit to the Fleets, including: high frequency (wide bandwidth) communications for fire control, computers, electronic warfare jammers and communications that utilize one common antenna array, enhanced array detectors for guidance systems for Tomahawk missiles and other smart munitions, miniaturized sensors and actuators for reduced ship manning for damage control, low power personal communication devices, and materials for high efficiency propulsion systems for surface and subsurface units. Especially at risk is the attempt to transition the following existing efforts to the fleet in the near term (within approximately five years): missile guidance components, navigation sensors, chemical and biological sensors, radiation hardened memory, nanoelectric components, optical memory and light emitting polymers for flat panel displays. Also at risk is the attempt to transition the following existing efforts to the fleet, in the intermediate term (approximately five to ten years): surveillance, electronic warfare, and munitions delivery with autonomous decision making capability, improved turbine components, and optical computers. Materials loss due to corrosion/erosion/wear is a major expense for the Navy, estimated at one billion dollars per year. Inability to work at nanoscale prevents potential solutions to this problem. Advances in magnetoelectronics will provide a quantum jump in Naval information acquisition, processing and recording within the next two decades. NRL research leads this scientific area, but further progress is dependent upon the ability to manipulate individual atoms and clusters into the required relationships for maximum performance of the materials. The present inadequate facilities inhibit the ability to perform the necessary atomic manipulation and therefore severely limit the progress in this critical area. Advances in molecular biology will be revolutionary in the next twenty years, in large part because nanoscience enables the measurement and manipulation of single molecules. NRL is attempting to exploit this revolution to develop new technologies for casualty care and personnel monitors. Progress has been very slow, with inadequate facilities as the major cause.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

303

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00173
NAVAL RESEARCH LABORATORY, WASHINGTON, DISTRICT OF COLUMBIA

4. Project Title	7. Project Number
NANO-SCIENCE RESEARCH LABORATORY	050

(...continued)

(A) Date Design Started..... 10/98
(B) Date Design 35% Complete..... 09/99
(C) Date Design Complete..... 07/01
(D) Percent Complete As Of September 1999..... 35%
(E) Percent Complete As Of January 2000..... 60%
(F) Type of Design Contract..... Design Build
(G) Parametric Estimate used to develop cost..... Yes
(H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:
(A) Standard or Definitive Design: No
(B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
(A) Production of Plans and Specifications..... 750
(B) All Other Design Costs..... 365
(C) Total..... 1115
(D) Contract..... 1000
(E) In-House..... 115

(4) Contract Award..... 01/01

(5) Construction Start..... 03/01

(6) Construction Completion..... 03/03

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: ROBERT WALTER Phone No: 202-767-1384

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N62701	4. Command	5. Area Constr Cost Index
NAVAL SURFACE WARFARE CTR DET FORT LAUDERDALE FLORIDA	Naval Sea Systems Command	0.91

6. Personnel Strength	Permanent			Students			Supported			
a. As Of	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
6/30/99	0	0	22	0	0	0	0	0	0	22
b. End FY 2006	0	0	22	0	0	0	0	0	0	22

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (0.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999.....	0.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	3,570.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	0.00
g.	REMAINING DEFICIENCY.....	5,200.00
h.	**GRAND TOTAL**.....	**8,770.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Complete
152.20	SEAWALL/SHIP BERTH FAC	0 LS	3,570	12/98	06/01
	TOTAL		3,570		

9. Future Projects:

a. Included In The Following Program (FY 2002):

None

b. Major Planned Next Three Years:

None

c. Real Property Maintenance Backlog ($000): $ 2,160

10. Mission Or Major Functions:

Provide a littoral test and evaluation facility in a unique open water enviroment for basic research and system development for: ships', signature measurements, mine deployment and activation, oceanographic system development, and marine biology and coastal zone management.

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N62701	4. Project Title
NAVAL SURFACE WARFARE CENTER DETACHMENT FORT LAUDERDALE, FLORIDA	SEAWALL AND SHIP BERTHING FACILITY

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0605896N	152.20	893	3,570

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
SEAWALL AND SHIP BERTHING FACILITY	LS	-	-	2,450
SHEET STEEL PILE SEAWALL	MB	61	4,941	(300)
MOORING PLATFORMS AND FENDERING SYSTEM	LS	-	-	(290)
MOORING DOLPHIN WITH CATWALK	LS	-	-	(80)
DREDGING	M3	32,000	37	(1,180)
GENERAL PURPOSE WAREHOUSE	m2	650	646	(420)
HAZMAT/HAZWASTE FACILITY	m2	111	1,648	(180)
SUPPORTING FACILITIES	LS	-	-	920
RETAINING WALL	LS	-	-	(490)
ELECTRICAL UTILITIES	LS	-	-	(160)
MECHANICAL UTILITIES	LS	-	-	(250)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(20)
SUBTOTAL	-	-	-	3,370
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	3,370
Supervision Inspection & Overhead (6.0%)	-	-	-	200
TOTAL REQUEST	-	-	-	3,570
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

Dredge the existing wharf area over a length of 91.5 meters, from a present depth of 5.2 meters to 9.1 meters, and build two 15.2 meter concrete breasting platforms to accommodate the USNS HAYES. Install 440V/1200 amp shore power. Construct a masonry concrete warehouse to accommodate cables, electronics, arrays, and auxiliary equipment. Construct a concrete building for holding hazardous material and hazardous waste associated with ship operations. Repair sheet-piling seawall to hold back the fill material from the dredging, reclaiming approximately 1.5 acres (.61 hectares) of land.

11. Requirement: 0 LS Adequate: 0 LS Substandard: 0 LS

PROJECT:

The project provides permanent berthing for the USNS Hayes and consolidates personnel into a single location at the Naval Surface Warfare Center (NSWC), Carderock Division, South Florida Testing Facility (SFTF)

(Continued On DD 1391C)

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N62701
NAVAL SURFACE WARFARE CENTER DETACHMENT FORT LAUDERDALE, FLORIDA

4. Project Title	7. Project Number
SEAWALL AND SHIP BERTHING FACILITY	893

(...continued)

in Fort Lauderdale, Florida.

Sheet Steel Pile Seawall = 61 MB = 200 Feet
Dredging = 32,000 M3 = 303,444 Cubic Yards
General Purpose Warehouse = 650 m2 = 6,997 Square Feet
Hazmat/Hazwaste Facility = 111 m2 = 1,195 Square Feet (Current mission)

REQUIREMENT:

Adequate wharf and operational support facilities are required to accommodate the USNS HAYES and associated project equipment and materials as part of the new South Florida Ocean Measurement Center to allow relocation of the USNS HAYES from Cape Canaveral to Ft. Lauderdale and closure of the Cape Canaveral facility.

The USNS HAYES is a 250 ft. modified twin-hull vessel operated by Military Sealift Command for the Navy. The ship has been extensively quieted for special operations and to handle a number of large, one-of-a kind systems associated with maintaining the stealth of our submarine fleet. The programs supported by HAYES are ongoing, with most work taking place in the Bahamas area. The ship has a large instrumented laboratory used to support these missions. The laboratory is operated and maintained by fifteen Navy civil servant engineers and technicians.

There are several clear advantages associated with consolidating NSWCCD's Ft. Lauderdale and Cape Canaveral sites (i.e. MILCON). Money savings accrue by eliminating the cost of renting pier, office, laboratory, and warehouse spaces. Fuel is saved by the shortened transit to the Bahamas area. Additional savings are realized by eliminating the fuel, labor, and generator maintenance associated with self-generating dockside power. There is also considerable manpower saved by collocating office/laboratory and dock spaces, thus saving the transit time associated with the continuous movement between locations. In addition, there is substantial technical benefit and savings of scale accrued by bringing the personnel associated with the two operations together.

CURRENT SITUATION:

The USNS Hayes is currently berthed at leased pier space at Port Canaveral with personnel located in a leased office/warehouse on the other side of the Port. To conduct ship acoustic signature measurements and analysis, and underwater weapons research and development testing, the Hayes

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N62701
NAVAL SURFACE WARFARE CENTER DETACHMENT FORT LAUDERDALE, FLORIDA

4. Project Title	7. Project Number
SEAWALL AND SHIP BERTHING FACILITY	893

(...continued)

transits to the Fort Lauderdale/Bermuda test areas. On-site research time is lost due to the need for the extra transit time and inefficiencies of supporting personnel at two separate locations approximately 160 miles apart. The annual cost for operating out of Port Canaveral is $2,264,000. The existing wharf and concrete apron at the SFTF site require significant reconstruction to provide adequate ship's berthing. The existing seawall/bulkhead has been undermined by storms and surface erosion has occurred in the area behind the bulkhead. The 16 feet deep berthing slip requires dredging to a 30 feet depth to support the Hayes. A new bulkhead is required to support the increased dredge depth required by the USNS Hayes and to prevent undermining of the existing bulkhead.

IMPACT IF NOT PROVIDED:

The Navy will continue to inefficiently operate at two remote, separate sites with high costs, foregoing an approximate $1.4M annual savings. Ship transit between Port Canaveral and the deep water test area in the Bahamas will continue to contribute to the loss of valuable test range time. The Flag level commitment to the community to merge USNS HAYES with the new oceanographic center (South Florida Ocean Measurement Center) will not be met.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 12/98
- (B) Date Design 35% Complete..... 03/00
- (C) Date Design Complete..... 06/01
- (D) Percent Complete As Of September 1999..... 5%
- (E) Percent Complete As Of January 2000..... 20%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... No

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used:

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N62701
NAVAL SURFACE WARFARE CENTER DETACHMENT FORT LAUDERDALE, FLORIDA

4. Project Title	7. Project Number
SEAWALL AND SHIP BERTHING FACILITY	893

(...continued)

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications	0
(B) All Other Design Costs	150
(C) Total	150
(D) Contract	50
(E) In-House	100

(4) Contract Award..... 11/00

(5) Construction Start..... 02/01

(6) Construction Completion..... 02/02

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: LT SHARON OBY Phone No: 301-227-3830

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N60508	4. Command	5. Area Constr Cost Index
NAVAL AIR STATION WHITING FIELD MILTON FLORIDA	Chief of Naval Education and Training	0.84

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 6/30/99	376	559	1,255	833	0	0	40	73	0	3,136
b. End FY 2006	373	334	1,258	892	0	0	40	73	0	2,970

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (9,794.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999.....	197,364.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	5,130.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	1,774.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	5,746.00
g.	REMAINING DEFICIENCY.....	29,470.00
h.	**GRAND TOTAL**.....	**239,484.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Complete
211.05	JPATS OPS MAINT FAC	6,523 m2	1,230	12/98	04/01
211.63	JPATS GSE SUP/PAINT FAC	2,108 m2	3,900	12/98	04/01
	TOTAL		5,130		

9. Future Projects:

a. Included In The Following Program (FY 2002):

136.10	APPROACH LIGHTING	914 m2	1,774		
	TOTAL		1,774		

b. Major Planned Next Three Years:

211.03	CORROSION CTRL HANGER	1,523 m2	5,746		
	TOTAL		5,746		

c. Real Property Maintenance Backlog ($000): $ 50,369

10. Mission Or Major Functions:

To maintain and operate facilities and provide services and material to support opertaions of aviation activities and units of the Naval Air Training Command and other activities and units as designated by the Chief of Naval Operations. The Joint Primary Aircraft Training System (JPATS) T-6A Texas II aircraft will begin replacing the T-34C as the primary and intermediate trainer aircraft in 2002.

(Continued On DD 1390C)

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00
3. Installation and Location/UIC: N60508	4. Command	5. Area Constr Cost Index
NAVAL AIR STATION WHITING FIELD MILTON FLORIDA	Chief of Naval Education and Training	0.84

(...continued)

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

302

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N60508	4. Project Title
NAVAL AIR STATION WHITING FIELD, FLORIDA	JPATS T-6A OPERATIONS/ MAINTENANCE FAC

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0805796N	211.05	232	1,230

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
JPATS T-6A OPERATIONS/ MAINTENANCE FAC	M2	6,523	-	1,000
HANGAR RENOVATION	M2	5,940	144	(860)
BUILDING RENOVATION	M2	559	107	(60)
SPECIAL SERVICE MAGAZINE	M2	24	3,250	(80)
SUPPORTING FACILITIES	LS	-	-	160
ELECTRICAL AND MECHANICAL UTILITIES	LS	-	-	(80)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(80)
SUBTOTAL	-	-	-	1,160
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	1,160
Supervision Inspection & Overhead (6.0%)	-	-	-	70
TOTAL REQUEST	-	-	-	1,230
EQUIPMENT FROM OTHER APPROPRIATIONS.		- -	(NON-ADD)	-

10. Description of Proposed Construction

Renovates Hangar 2941 and Building 2997 to accommodate aircraft maintenance support functions for the T-6A trainer; replace deluge system with aqueous film forming foam (AFFF) fire suppression system in Hangar 2941; constructs special service magazine, electrical and mechanical utilities, and paving and site improvements.

11. Requirement: 6,523 M2 Adequate: 0 M2 Substandard: 0 M2

PROJECT:
Renovates Hangar 2941 and Building 2997 to accommodate the delivery of the T-6A training aircraft, which will replace the current T-34 aircraft.

JPATS T-6A Operations/Maintenance Facility = 6,523 m2 = 70,213 Square Feet
Hangar Renovation = 5,940 m2 = 63,938 Square Feet
Building Renovation = 559 m2 = 6,017 Square Feet
Special Service Magazine = 24 m2 = 258 Square Feet (New mission)

REQUIREMENT:

Adequate operations and maintenance facilities are required to support the

(Continued On DD 1391C)

302

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N60508
NAVAL AIR STATION WHITING FIELD, FLORIDA

4. Project Title	7. Project Number
JPATS T-6A OPERATIONS/ MAINTENANCE FAC	232

(...continued)

T-6A scheduled for delivery to this activity in early FY 03. To accommodate the new trainer, Hangar 2941 and Building 2997 require modernization. In addition, construction of a magazine is required to house ordnance associated with the ejection seats. Space is required to house a Contractor Operated & Maintained Base Supply (COMBS), Aviation Life Support Shop (ALSS), Ejection Seat maintenance, Nondestructive Inspection, Wheel and Tire Shop, and various support functions. The Special Service Magazine will provide storage for rocket motors (Class 1.3C explosives) and cartridge activated devices (Class 1.4S explosives).

CURRENT SITUATION:

The T-6A is scheduled to begin arriving in early FY 03, and Whiting Field does not have the maintenance facilities to support the new aircraft. A site evaluation report prepared by the manufacturer of the T-6A identified alterations to the existing maintenance facilities that would be required to accommodate the new aircraft. A COMBS facility, an ejection seat maintenance area, and an ordance storage area are not currently available; alterations are required for the existing Wheel Tire Shop as well as the Aviation Life Support Shop and various maintenance and administrative spaces.

IMPACT IF NOT PROVIDED:

If this project is not provided, the ability of this activity to provide maintenance for the new trainer will be severely restricted.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started	12/98
(B) Date Design 35% Complete	03/00
(C) Date Design Complete	04/01
(D) Percent Complete As Of September 1999	5%
(E) Percent Complete As Of January 2000	20%
(F) Type of Design Contract	Design Build
(G) Parametric Estimate used to develop cost	Yes
(H) Energy study/life-cycle analysis performed	No

302

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N60508
NAVAL AIR STATION WHITING FIELD, FLORIDA

4. Project Title	7. Project Number
JPATS T-6A OPERATIONS/ MAINTENANCE FAC	232

(...continued)

(2) Basis:
(A) Standard or Definitive Design: No
(B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications	0
(B) All Other Design Costs	120
(C) Total	120
(D) Contract	25
(E) In-House	95

(4) Contract Award 11/00

(5) Construction Start 02/01

(6) Construction Completion 11/01

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: MARTY MARTIN Phone No: 850-623-7196

302

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N60508	4. Project Title
NAVAL AIR STATION WHITING FIELD, FLORIDA	JPATS T-6A GSE SUPPORT/ PAINT FACILITY

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0805796N	211.63	240	3,900

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
JPATS T-6A GSE SUPPORT/ PAINT FACILITY	M2	2,108	-	2,960
GSE BUILDING	M2	881	1,140	(1,000)
PAINT BOOTH	M2	497	3,380	(1,680)
WASH RACK/CONTROL BUILDING	M2	730	300	(220)
TECHNICAL OPERATING MANUALS	LS	-	-	(60)
SUPPORTING FACILITIES	LS	-	-	720
PRE-TREATMENT SYSTEM	LS	-	-	(250)
ELECTRICAL & MECHANICAL UTILITIES	LS	-	-	(320)
SITE IMPROVEMENTS	LS	-	-	(150)
SUBTOTAL	-	-	-	3,680
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	3,680
Supervision Inspection & Overhead (6.0%)	-	-	-	220
TOTAL REQUEST	-	-	-	3,900
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

Masonry and steel frame building, concrete and steel grate floor, paint booth and functions, aircraft apron and access apron, wash rack, mechanical and electrical utilities, pollution treatment systems, fire suppression, technical support manuals, parking, and site improvements.

11. Requirement: 2,108 M2 Adequate: 0 M2 Substandard: 0 M2

PROJECT:

Constructs facilities to accommodate the new T-6A training aircraft scheduled for delivery in early FY 03 to replace the T-34 aircraft.

GSE/Support Paint Facility = 2,108 m2 = 22,691 Square Feet
GSE Building = 881 m2 = 9,483 Square Feet
Paint Booth = 497 m2 = 5,350 Square Feet
Wash Rack/Control Building = 730 m2 = 7,858 Square Feet (New mission)

REQUIREMENT:

(Continued On DD 1391C)

302

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N60508
NAVAL AIR STATION WHITING FIELD, FLORIDA

4. Project Title	7. Project Number
JPATS T-6A GSE SUPPORT/ PAINT FACILITY	240

(...continued)

The ground support equipment (GSE) shop is required to provide space for the maintenance of ground equipment which supports aircraft operations. The paint booth is required for paint touch-up of aircraft. The wash rack is required for cleaning of aircraft in conjunction with periodic maintenance and corrosion prevention. The T-6A is scheduled to begin arriving at Naval Air Station (NAS) Whiting Field in early FY 03. A site evaluation report prepared by the manufacturer of the T-6A has identified the work described in this project as being necessary to accommodate the new aircraft.

CURRENT SITUATION:

The existing GSE shop is too small to support the equipment for the new aircraft. In addition, the existing GSE shop will continue to be required to support the Rotary Wing GSE. Paint touch-up is currently accomplished in hangar maintenance spaces. Due to the increased number of assigned aircraft during the seven year transition from T-34 to the T-6A, these spaces will be required for normal aircraft maintenance. The existing wash rack does not provide the necessary pre-treatment for metals (cadmium and chromium) that are introduced into the sanitary sewer system by wash rack operations. A new washrack located adjacent to the facility used for touch-up painting would be more efficient compared to the location of the existing wash rack.

IMPACT IF NOT PROVIDED:

The ability of this activity to provide maintenance for the new trainer will be severely restricted, impacting trainer availability and longevity.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started	12/98
(B) Date Design 35% Complete	03/00
(C) Date Design Complete	04/01
(D) Percent Complete As Of September 1999	5%
(E) Percent Complete As Of January 2000	20%
(F) Type of Design Contract	Design Build

302

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N60508
NAVAL AIR STATION WHITING FIELD, FLORIDA

4. Project Title	7. Project Number
JPATS T-6A GSE SUPPORT/ PAINT FACILITY	240

(...continued)

(G) Parametric Estimate used to develop cost..... Yes
(H) Energy study/life-cycle analysis performed..... No

(2) Basis:
(A) Standard or Definitive Design: No
(B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
(A) Production of Plans and Specifications..... 0
(B) All Other Design Costs..... 130
(C) Total..... 130
(D) Contract..... 30
(E) In-House..... 100

(4) Contract Award..... 11/00

(5) Construction Start..... 02/01

(6) Construction Completion..... 11/01

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: MARTY MARTIN Phone No: 850-623-7196

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M67004	4. Command	5. Area Constr Cost Index
MARINE CORPS LOGISTICS BASE ALBANY GEORGIA	Commandant of the Marine Corps	0.79

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 1/20/00	100	557	2,035	0	0	0	13	58	472	3,235
b. End FY 2006	109	548	2,145	0	0	0	12	82	551	3,447

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (3,841.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999.....	146,380.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	1,100.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	28,000.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	0.00
g.	REMAINING DEFICIENCY.....	4,700.00
h.	**GRAND TOTAL**.....	**180,180.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Complete
441.20	RENOVATE VEHICLE STG FAC	9,300 m2	1,100	05/99	12/00
	TOTAL		1,100		

9. Future Projects:

a. Included In The Following Program (FY 2002):

911.30	LAND ACQ (PH II)	0 LS	28,000
	TOTAL		28,000

b. Major Planned Next Three Years:

None

c. Real Property Maintenance Backlog ($000): $ 11,000

10. Mission Or Major Functions:

Perform the full range of inventory management functions for secondary items to which assigned integrated materiel management responsibility; perform, subsequent to acquisition phase, full range of inventory management functions for principal end items; oversee fielded Marine Corps weapons systems readiness and logistic support; perform cataloging and delegated standardization functions for the Marine Corps; perform all required storage functions in support of on-hand stores materiel; provide fifth echelon depot level maintenance capability for support of nonconsumable items rebuild requirements; provide overflow fourth echelon maintenance capability in support of operating forces nonconsumable item repair requirements; provide

(Continued On DD 1390C)

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M67004	4. Command	5. Area Constr Cost Index
MARINE CORPS LOGISTICS BASE ALBANY GEORGIA	Commandant of the Marine Corps	0.79

(...continued)

a central logistics quality assurance program; conduct formal schools and training, as directed; and perform such other tasks and functions as may be directed by the Commandant of the Marine Corps.

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

304

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M67004	4. Project Title
MARINE CORPS LOGISTICS BASE ALBANY, GEORGIA	RENOVATE VEHICLE STORAGE FACILITY

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0702896M	124.50	920	1,100

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
RENOVATE VEHICLE STORAGE FACILITY	m2	9,300	-	870
CONTROLLED HUMIDITY WAREHOUSE	m2	9,300	92	(860)
TECHNICAL OPERATING MANUALS	LS	-	-	(10)
SUPPORTING FACILITIES	LS	-	-	170
ELECTRICAL UTILITIES	LS	-	-	(30)
MECHANICAL UTILITIES	LS	-	-	(30)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(70)
FORCE PROTECTION	LS	-	-	(20)
DEMOLITION	LS	-	-	(20)
SUBTOTAL	-	-	-	1,040
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	1,040
Supervision Inspection & Overhead (6.0%)	-	-	-	60
TOTAL REQUEST	-	-	-	1,100
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

Modification and renovation of a pre-engineered structure into a permanent, closed-in facility to include renovated concrete floor, storm-water diversion, restrooms, insulation, electrical power, a controlled humidity system, closure of the open-air gaps between the walls and the roof and deck, electrically operated doors, force protection features, and site improvements.

11. Requirement: 9,300 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:
Modifies and renovates an existing combat vehicle storage facility at MCLB Albany to provide humidity control, utilities, and restrooms.

Renovate Vehicle Storage Facility = 9,300 m2 = 100,104 Square Feet
(Current mission)

REQUIREMENT:

(Continued On DD 1391C)

304

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M67004
MARINE CORPS LOGISTICS BASE ALBANY, GEORGIA

4. Project Title	7. Project Number
RENOVATE VEHICLE STORAGE FACILITY	920

(...continued)

An adequate and efficiently controlled humidity storage facility to protect and store combat vehicles for MCLB Albany in order to prevent accelerated corrosion on combat essential equipment.

CURRENT SITUATION:

The existing 9,300 m2 pre-engineered shell structure was erected in 1993 for long-term, indoor storage of combat and combat support vehicles and equipment. While the structure does protect items from sun and wind, it provides no environmental protection from the humid Georgia climate for the extremely sensitive and expensive mechanical, electrical, and weapons systems equipment parts on the vehicles and equipment. The structure is not permanently affixed, not insulated, has no restrooms, has minimal electrical power, and is relatively insecure due to open-air gaps between the concrete hardstand and the walls and ceiling. The 6-12 inch wall gaps allow outside air, moisture, stormwater, and humidity inside the structure, creating a corrosive environment. Currently, the Logistics Base must perform extensive care of supplies in storage (COSIS) cycles to protect the vehicles and equipment in storage. These COSIS cycles demand a high number of manhours to inspect, unpack, depreserve, operate, represerve, repackage, transport, handle, and return the equipment to storage. By placing vehicles and equipment into a controlled humidity environment, the number of COSIS cycles required, maintenance costs, repair parts, and hazardous material usage will be significantly reduced.

IMPACT IF NOT PROVIDED:

Combat vehicles and equipment will continue to be stored in a high humidity environment which will require frequent and costly COSIS cycles and reduce availability of combat vehicles to the active forces.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
(A) Date Design Started..... 05/99
(B) Date Design 35% Complete..... 03/00
(C) Date Design Complete..... 12/00
(D) Percent Complete As Of September 1999..... 5%

304

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M67004
MARINE CORPS LOGISTICS BASE ALBANY, GEORGIA

4. Project Title	7. Project Number
RENOVATE VEHICLE STORAGE FACILITY	920

(...continued)

(E) Percent Complete As Of January 2000..... 20%
(F) Type of Design Contract..... Design Build
(G) Parametric Estimate used to develop cost..... Yes
(H) Energy study/life-cycle analysis performed..... No

(2) Basis:
(A) Standard or Definitive Design: No
(B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
(A) Production of Plans and Specifications..... 68
(B) All Other Design Costs..... 34
(C) Total..... 102
(D) Contract..... 90
(E) In-House..... 12

(4) Contract Award..... 11/00

(5) Construction Start..... 02/01

(6) Construction Completion..... 02/02

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: LT CHRISTOPHER LACARIA Phone No: 912-439-5652

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N44466	4. Command	5. Area Constr Cost Index
TRIDENT REFIT FACILITY KINGS BAY, GEORGIA	Commander in Chief Atlantic Fleet	0.96

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 1/20/00	458	4,994	2,240	0	0	0	67	108	0	7,867
b. End FY 2006	434	4,004	2,351	0	0	0	67	108	0	6,964

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (16,666.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999	532,840.00
c.	AUTHORIZATION NOT YET IN INVENTORY	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM	5,200.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS	0.00
g.	REMAINING DEFICIENCY	5,740.00
h.	**GRAND TOTAL**	**543,780.00**

8. Projects Requested in This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
213.60	SAND BLASTING/PAINT FAC	3,352 m2	5,200	12/98	06/01
	TOTAL		5,200		

9. Future Projects:

a. Included In The Following Program (FY 2002):

None

b. Major Planned Next Three Years:

None

c. Real Property Maintenance Backlog ($000): $ 44,134

10. Mission Or Major Functions:

Provide facilities for refit of POSIEDON and TRIDENT submarines and TRIDENT II (D-5) missile production.

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

302

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N44466	4. Project Title
TRIDENT REFIT FACILITY KINGS BAY, GEORGIA	CONSOLIDATED SANDBLAST/PAINT FACILITY

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0101896N	213.60	568	5,200

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
CONSOLIDATED SANDBLAST/PAINT FACILITY	M2	3,352	-	3,700
METAL BUILDING (LARGE BOOTHS)	M2	2,133	700	(1,490)
METAL BUILDING (MEDIUM AND SMALL BOOTHS)	M2	552	592	(330)
ADMIN/SUPPORT SPACE	M2	216	1,293	(280)
COVERED AREA (@ 50%)	M2	451	376	(170)
BUILT IN EQUIPMENT AND CRANES	LS	-	-	(1,200)
BRIDGE CRANE & MISC ITEMS	LS	-	-	(230)
SUPPORTING FACILITIES	LS	-	-	1,210
EARTHWORK, UTILITIES, PAVEMENT AND SITE IM	LS	-	-	(1,210)
SUBTOTAL	-	-	-	4,910
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	4,910
Supervision Inspection & Overhead (6.0%)	-	-	-	290
TOTAL REQUEST	-	-	-	5,200
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

The new facility will be a series of structural steel buildings with insulated metal wall and roof panels. Buildings include facilities and built-in equipment for blasting, painting and powder coating, air wash filtered exhaust system with dust collectors and blast media (steel grit) reclaiming equipment, breathing and low pressure air, and electrical service for portable painting and blasting equipment. Personnel support areas will include an air conditioned break room, support offices, rest rooms with shower and locker facilities.

11. Requirement: 3,352 M2 Adequate: 0 M2 Substandard: 0 M2

PROJECT:
This project consolidates four existing, inadequate painting and stand blast operations into one permanent, environmentally compliant, accessible, and efficient facility.

Consolidated Sandblast/Paint Facility = 3,352 m2 = 36,081 Square Feet
Metal Building (Large Booths) = 2,133 m2 = 22,959 Square Feet
Metal Building (Medium and Small Booths) = 552 m2 = 5,942 Square Feet

(Continued On DD 1391C)

302

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N44466
TRIDENT REFIT FACILITY KINGS BAY, GEORGIA

4. Project Title	7. Project Number
CONSOLIDATED SANDBLAST/PAINT FACILITY	568

(...continued)

Admin/Support Space = 216 m2 = 2,325 Square Feet
Covered Area (@ 50%) = 451 m2 = 4,855 Square Feet (Current mission)

REQUIREMENT:

An adequate and environmentally compliant facility is needed to provide a permanent corrosion control / prevention center. This center will provide corrosion control for numerous submarine components and base support equipment. These components range in size from hand held items to large oversized (tractor trailer sized) items such as gangways, stacking stands, tractor trailers, submarine camels, etc. The project addresses the environmental issues raised by the Georgia Department of Natural Resources, who recently issued a written Notice of Violation (NOV), a written warning citing the presence of unacceptable release of spent blast media from existing painting and blast operations. Open air blasting and painting is no longer acceptable due to current environmental regulations.

CURRENT SITUATION:

The Naval Submarine Base at Kings Bay, Georgia currently has no permanent corrosion control facility to handle large submarine components and heavy equipment. Blasting and painting of components are currently performed by Trident Refit Facility (TRF) and the Base Operating Services Contract (BOSC) at several different sites onbase. TRF performs the majority of their painting and blasting at the waterfront; however, some minor tasks are performed at TRIDENT Refit Industrial Facility (Bldg. 4026). BOSC blasting and painting operations are performed at an outdoor facility, the "Monroe Hardstand," near Port Services (Bldg. 5041).

TRF waterfront blasting and painting operations occur at the dry-dock. A 595 m2 galvanized steel frame and pvc coated polyester tent structure was purchased in 1992 to provide some degree of containment. The temporary tent offers poor lighting, poor ventilation, ineffective control of air borne contaminants and a life expectancy of less than six years.

Under certain circumstances the current blasting process may be in violation of environmental and federal regulations due to fugitive emissions, unconfined spent media entering the soil and stormwater system with the potential of entering the bay. In August 1996, the Georgia Department of Natural Resources issued an NOV for improper labeling of hazardous waste. Included in the notice was a written warning citing the presence of spent blast media from the TRF temporary tent structure.

302

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N44466
TRIDENT REFIT FACILITY KINGS BAY, GEORGIA

4. Project Title	7. Project Number
CONSOLIDATED SANDBLAST/PAINT FACILITY	568

(...continued)

SUBASE took corrective action to clean the blast media in the fall of 1996. Approximately 60 cubic yards of soil and blast media were removed.

In addition to posing a potential environmental hazard, the current process was considered inefficient because simultaneous blasting and painting operations could not be accommodated in the tent structure. Consequently, components are often staged onsite while waiting to be serviced. This backlog has prevented TRF from accepting Regional Maintenance type work.

IMPACT IF NOT PROVIDED:

The existing working conditions continue to pose a significant environmental hazard, promote inefficiencies, and represent an uneconomical process. The current facilities and working environment do not meet the present or future requirements found in the TRF and BOSC user groups. TRF and BOSC will not meet their mission requirements and therefore material conditions of high cost submarine components and facility support equipment will be compromised. In addition, current operations or remain exposed to hazardous substance releases, fines, and installation restoration of cost.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started	12/98
(B) Date Design 35% Complete	03/00
(C) Date Design Complete	06/01
(D) Percent Complete As Of September 1999	5%
(E) Percent Complete As Of January 2000	20%
(F) Type of Design Contract	Design Build
(G) Parametric Estimate used to develop cost	Yes
(H) Energy study/life-cycle analysis performed	No

(2) Basis:
(A) Standard or Definitive Design: No
(B) Where Design Was Most Recently Used:

302

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N44466
TRIDENT REFIT FACILITY KINGS BAY, GEORGIA

4. Project Title	7. Project Number
CONSOLIDATED SANDBLAST/PAINT FACILITY	568

(...continued)

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications	0
(B) All Other Design Costs	180
(C) Total	180
(D) Contract	100
(E) In-House	80

(4) Contract Award..... 11/00

(5) Construction Start..... 02/01

(6) Construction Completion..... 02/02

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: CAPT STEPHEN DUBA Phone No: 912-673-4600

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00038	4. Command	5. Area Constr Cost Index
COMMANDER IN CHIEF, PACIFIC CAMP H.M. SMITH, HAWAII	Commander in Chief Pacific Fleet	1.47

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 1/20/00	383	241	126	0	0	0	95	168	158	1,171
b. End FY 2006	379	225	123	0	0	0	95	168	158	1,148

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (0.00)	
b.	INVENTORY TOTAL AS OF 30 Dec 1899.....	0.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	35,600.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	30,664.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	0.00
g.	REMAINING DEFICIENCY.....	30,400.00
h.	**GRAND TOTAL**.....	**96,664.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Complete
610.10	CINCPAC HDQTRS (INCR II)	25,269 m2	35,600	12/97	06/99
	TOTAL		35,600		

9. Future Projects:

a. Included In The Following Program (FY 2002):

610.10	CONSTRUCT HDQTRS (PH III)	22,949 m2	30,664
	TOTAL		30,664

b. Major Planned Next Three Years:

None

c. Real Property Maintenance Backlog ($000): $ 0

10. Mission Or Major Functions:

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

306

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00038	4. Project Title
COMMANDER IN CHIEF, PACIFIC CAMP H.M. SMITH, HAWAII	CINCPAC HEADQUARTERS (INCREMENT II)

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0201498N	610.10	112A	Auth 0 Appr 35,600

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
CINCPAC HEADQUARTERS (INCREMENT II)	M2	25,269	-	65,420
ADMIN OFFICE	M2	18,850	1,671	(31,500)
OPCON CENTER	M2	2,824	2,814	(7,950)
TELECOM CENTER	M2	1,598	5,294	(8,460)
STORAGE	M2	836	1,219	(1,020)
OFFICERS' MESS	M2	334	3,830	(1,280)
ELECTRONICS/COMM MAINTENANCE SHOP	M2	279	2,167	(600)
TRAINING ROOM	M2	46	2,131	(100)
CAFETERIA	M2	502	1,667	(840)
BUILT-IN EQUIPMENT	LS	-	-	(3,090)
INFORMATION SYSTEMS	LS	-	-	(3,680)
FORCE PROTECTION	LS	-	-	(3,870)
ANTENNA RELOCATION	LS	-	-	(1,290)
HEMP PROTECTION	LS	-	-	(850)
TECHNICAL OPERATING MANUALS	LS	-	-	(890)
SUPPORTING FACILITIES	LS	-	-	11,480
SPECIAL FOUNDATION FEATURES	LS	-	-	(1,510)
ELECTRICAL UTILITIES	LS	-	-	(2,210)
MECHANICAL UTILITIES	LS	-	-	(640)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(6,700)
DEMOLITION	LS	-	-	(420)
SUBTOTAL	-	-	-	76,900
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	76,900
Supervision Inspection & Overhead (6.5%)	-	-	-	5,000
SUBTOTAL	-	-	-	81,900
LESS INCR I FY00 FUNDING	LS	-	-	-15,820
LESS INCR III FY02 FUNDING	LS	-	-	-30,480
TOTAL REQUEST	-	-	-	35,600
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	25,000

10. Description of Proposed Construction

Six-story, reinforced concrete and structural steel building on concrete

(Continued On DD 1391C)

306

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00038
COMMANDER IN CHIEF, PACIFIC CAMP H.M. SMITH, HAWAII

4. Project Title	7. Project Number
CINCPAC HEADQUARTERS (INCREMENT II)	112A

(...continued)

spread footing and prestressed concrete pile foundation (special foundation features); entrance canopy; administrative area (office/reception areas, file rooms, conference/briefing rooms, vaults, technical libraries, administrative storage areas); special administrative areas within Sensitive Compartmented Information Facilities (SCIFs) and Telecommunications Center; Operational Control Center (Command Center, Operations/Intelligence Briefing Room, Intelligence/Mission Planning areas); Telecommunications Center; training room; bulk storage areas; private dining room and food preparation area for hosting dignitaries and for use by officers O-6 and above; electronics and communications maintenance area; cafeteria; modifications to adjacent buildings to support relocated antennas; preaction, wet-pipe sprinkler, underfloor carbon dioxide fire suppression, and fire alarm systems; classified and unclassified local area network systems; elevators; built-in equipment includes raised flooring, special fire protection system, and security provisions; Uninterruptible Power Supply (UPS) system, emergency generators; telephone, electrical and civil (water/sewer) utilities; upgrade substation; technical operating manuals; Force Protection Requirements (constructed to Seismic Zone 3 standards, security glazing, vehicle gates, relocate staff parking, relocate supply and receipt function, relocate mail room); and, mechanical heating, ventilation and air conditioning (HVAC). The building will be designed and constructed to meet the Uniform Federal Accessibility Standards. Demolish Building 41 which is currently on the proposed site. Provide an access road to the new Headquarters building.

11. Requirement: 25,269 M2 Adequate: 0 M2 Substandard: 0 M2

PROJECT:
Constructs a new headquarters building for the Pacific Command.

CINCPAC Headquarters = 25,269 m2 = 271,993 Square Feet
Admin Office = 18,850 m2 = 202,900 Square Feet
OPCON Center = 2,824 m2 = 30,397 Square Feet
TELECOM Center = 1,598 m2 = 17,201 Square Feet
Storage = 836 m2 = 8,999 Square Feet
Officers' Mess = 334 m2 = 3,595 Square Feet
Electronics/Comm Maintenance Shop = 279 m2 = 3,003 Square Feet
Training Room = 46 m2 = 495 Square Feet
Cafeteria = 502 m2 = 5,403 Square Feet (Current mission)

REQUIREMENT:

306

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00038
COMMANDER IN CHIEF, PACIFIC CAMP H.M. SMITH, HAWAII

4. Project Title	7. Project Number
CINCPAC HEADQUARTERS (INCREMENT II)	112A

(...continued)

Adequate, consolidated, and efficiently configured facility is required for the Pacific Command Headquarters, consisting of U.S. Commander in Chief Pacific (USCINCPAC) and Special Operations Command Pacific (SOCPAC). To accomplish their missions, USCINCPAC and SOCPAC require a consolidated facility which provides administrative office space for approximately 950 personnel, as well as operational control spaces, where the rest of headquarters personnel gather and assess combat intelligence, perform tactical and strategic activities, and control tactical forces. In addition, communications and telecommunications centers supporting USCINCPAC/SOCPAC operations and other miscellaneous support areas (storage, automated data processing, electronics/communications maintenance shop, training) are required in the same facility to increase productivity and efficiency of operations. Most of the existing spaces currently occupied by USCINPAC and SOCPAC will be returned to the host activity, Marine Corps Base Hawaii (MCBH) Camp Smith, upon completion of this project.

CURRENT SITUATION:

USCINCPAC and SOCPAC currently occupy portions of 25 different buildings at Camp H.M. Smith. Of the 25 buildings, four are rated adequate for their present use, fourteen substandard, and seven inadequate. The buildings, rated inadequate and substandard, do not have adequate fire protection and air-conditioning systems, do not meet current seismic design criteria, and have poorly configured administrative and operational control spaces as well as deteriorated ceilings, walls and floors. The existing headquarters complex is a converted World War II hospital with many narrow, interconnecting multi-story wings. Functional staff elements cannot be logically located with respect to interactions with other elements within the same Command or with other Commands, resulting in operational/production inefficiencies. In addition, the Complex is characterized by wide, non-air-conditioned corridors; exposed electrical wiring & plumbing lines; bare ceilings in many areas; asbestos-laden floor tiles and lead based paint; an inefficient mix of window and package air conditioning systems that service various portions of the Complex; a lack of insulation in air-conditioned areas; termite infestation of the various wooden components; and generally poorly maintained working spaces.

IMPACT IF NOT PROVIDED:

The Pacific Command will continue to operate inefficiently in converted World War II vintage hospital buildings which are in various degrees of disrepair. Furthermore, the Commander in Chief of the U.S. Pacific

306

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00038
COMMANDER IN CHIEF, PACIFIC CAMP H.M. SMITH, HAWAII

4. Project Title	7. Project Number
CINCPAC HEADQUARTERS (INCREMENT II)	112A

(...continued)

forces, representing the President and the United States, will continue to host dignitaries, foreign diplomats, and other distinguished visitors in facilities unbefitting of a command headquarters.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 12/97
- (B) Date Design 35% Complete..... 01/99
- (C) Date Design Complete..... 06/99
- (D) Percent Complete As Of September 1999..... 100%
- (E) Percent Complete As Of January 2000..... 100%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... No

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used: PHASE I

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 5240
- (B) All Other Design Costs..... 2620
- (C) Total..... 7860
- (D) Contract..... 6990
- (E) In-House..... 870

(4) Contract Award..... 05/00

(5) Construction Start..... 10/00

(6) Construction Completion..... 06/03

B. Equipment associated with this project which will be provided from other appropriations:

Equipment	Procuring	Fiscal Year Appropriated	Cost

306

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00038
COMMANDER IN CHIEF, PACIFIC CAMP H.M. SMITH, HAWAII

4. Project Title	7. Project Number
CINCPAC HEADQUARTERS (INCREMENT II)	112A

(...continued)

Nomenclature	Appropriation	Or Requested	($000)
C4I SYSTEMS	00	OPN	2000
C4I SYSTEMS	01	OPN	13500
C4I SYSTEMS	02	OPN	9500

Activity POC: BRIAN KELM Phone No: 808-471-4642

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M00318	4. Command	5. Area Constr Cost Index
MARINE CORPS BASE KANEOHE BAY HAWAII	Commandant of the Marine Corps	1.52

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 6/30/99	74	519	522	29	50	0	806	5,577	1,564	9,141
b. End FY 2006	67	546	545	16	52	0	1,719	8,831	2,251	14,027

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (34,110.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999	234,730.00
c.	AUTHORIZATION NOT YET IN INVENTORY	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM	18,400.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS	17,426.00
g.	REMAINING DEFICIENCY	266,787.00
h.	**GRAND TOTAL**	**537,343.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
721.11	BACHELOR ENLISTED QUARTERS	6,375 m2	18,400	12/98	04/01
	TOTAL		18,400		

9. Future Projects:

a. Included In The Following Program (FY 2002):

None

b. Major Planned Next Three Years:

730.85	POST OFFICE	0 LS	1,771
721.11	BACHELOR ENLISTED QUARTERS	0 LS	15,655
	TOTAL		17,426

c. Real Property Maintenance Backlog ($000): $ 65,300

10. Mission Or Major Functions:

Maintain and operate facilities and provide services and material to support operations of a Marine Brigade, or units thereof, and other activities and units as designated by the Commandant of the Marine Corps.

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

307

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M00318	4. Project Title
MARINE CORPS BASE KANEOHE BAY, HAWAII	BACHELOR ENLISTED QUARTERS

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0206496M	721.11	741	18,400

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
BACHELOR ENLISTED QUARTERS	m2	6,375	-	14,850
BUILDING	m2	6,375	2,303	(14,680)
INFORMATION SYSTEMS	LS	-	-	(170)
SUPPORTING FACILITIES	LS	-	-	2,430
ELECTRICAL UTILITIES	LS	-	-	(1,200)
MECHANICAL UTILITIES	LS	-	-	(110)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(500)
FORCE PROTECTION	LS	-	-	(170)
DEMOLITION	LS	-	-	(450)
SUBTOTAL	-	-	-	17,280
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	17,280
Supervision Inspection & Overhead (6.5%)	-	-	-	1,120
TOTAL REQUEST	-	-	-	18,400
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	820

10. Description of Proposed Construction

Multi-story, reinforced concrete or masonry facility with 150 "2x0" rooms with semi-private bathrooms, walk-in bulk storage closets, areas for microwave/refrigerator units. Recreation, community, and service core areas consist of laundry facilities, lounges, indoor and outdoor recreation areas, administrative offices, housekeeping areas, and public restrooms. Electrical systems include fire alarms and information systems. Mechanical systems include fire sprinklers and air conditioning. Supporting facilities work includes site and building utility connections (water, sanitary, and storm sewers, electrical, telephone, local area network (LAN), and cable television). Paving and site improvments include paved parking, sidewalks, outdoor recreation area, and landscaping. Demolishes an equal number of inadequate BEQs.
Intended Grade Mix: 170 E1-E3; 65 E4-E5. Total: 235. Maximum Utilization: 300 E1-E3.

(Continued On DD 1391C)

307

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M00318
MARINE CORPS BASE KANEOHE BAY, HAWAII

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS	741

(...continued)

11. Requirement: 4,783 PN Adequate: 1,132 PN Substandard: 1,110 PN

PROJECT:

Constructs "2x0" bachelor enlisted quarters (BEQ) with 150 rooms for permanent party enlisted personnel.

Bachelor Enlisted Quarters = 6,375 m2 = 68,620 Square Feet
Building = 6,375 m2 = 68,620 Square Feet (Current mission)

REQUIREMENT:

Adequate and modern bachelor quarters which meet quality of life standards for permanent party enlisted personnel.

CURRENT SITUATION:

Currently, Marine Corps Base (MCB) Hawaii, with 48% of its BEQs listed as inadequate, has the worst barracks situation in the Marine Corps. Over 60% of the BEQs on MCB Hawaii are more than 45 years old. Built in the 1940's and early 1950's as open squad bay facilities, these barracks were later renovated to three-man configured rooms in the 1970s. With almost 50 years of aging and degradation, these inadequate buildings require constant repair, maintenance and refurbishment to maintain minimum habitability. Deteriorating foundations, plumbing that is practically irreparable, and electrical systems that verge on the unsafe are the norm. Unable to meet DoD or Marine Corps "2x0" standards of design, these over-crowded and decayed facilities seriously impact the quality of life, morale, and retention rates of the junior enlisted Marines and Sailors. In a recent retention survey conducted by Marine Corps Community Services (MCCS), eight of the top ten reasons that first-term Marines leave the Corps were barracks related. Additionally, because of the high cost of living in Hawaii, many junior Marines, who might otherwise be given the opportunity in less expensive areas to live off-base, have no other alternative than to endure the poor quality of life the existing barracks provide. Economically, these barracks are also a severe drain on a limited base operating support budget. Representing only 6% of the facilities on base, the inadequate BEQs consume 22% of the maintenance funding and contribute to a $10 million backlog for maintenance and repair.

IMPACT IF NOT PROVIDED:

307

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M00318
MARINE CORPS BASE KANEOHE BAY, HAWAII

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS	741

(...continued)

Junior enlisted personnel will continue to be housed in deteriorated, over-crowded, and inadequate barracks to the detriment of their morale, retention, and readiness. Training time will continue to be diverted for large scale self-help projects to maintain minimum livability standards. An inequitable amount of maintenance dollars will continue to be diverted from training facilities to barracks, which will exacerbate growing readiness problems and increase exponentially over time as existing buildings deteriorate further.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 12/98
- (B) Date Design 35% Complete..... 03/00
- (C) Date Design Complete..... 04/01
- (D) Percent Complete As Of September 1999..... 30%
- (E) Percent Complete As Of January 2000..... 30%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 150
- (B) All Other Design Costs..... 150
- (C) Total..... 300
- (D) Contract..... 50
- (E) In-House..... 250

(4) Contract Award..... 01/01

(5) Construction Start..... 04/01

(6) Construction Completion..... 04/03

307

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M00318
MARINE CORPS BASE KANEOHE BAY, HAWAII

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS	741

(...continued)

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Collateral Equipment	O&M,MC	2001	820

C. FY 1999 Unacccompanied Housing Real Property Maint Conducted ($000)
6700
D. FY 2000 Unacccompanied Housing Real Property Maint Conducted ($000)
1000
E. Future Unacccompanied Housing Real Property Maint Requirements ($000)
1100
Activity POC: LCdr J. Landis Phone No: (808) 257-2171

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N35266	4. Command	5. Area Constr Cost Index
NAVAL UNDERSEA WARFARE ENG CTR LUALUALEI HAWAII	Naval Sea Systems Command	1.52

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 1/20/00	17	283	115	0	0	0	0	0	0	415
b. End FY 2006	16	287	206	0	0	0	0	0	0	509

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (0.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999.....	0.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	2,100.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	0.00
g.	REMAINING DEFICIENCY.....	0.00
h.	**GRAND TOTAL**.....	**2,100.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Complete
143.15	CONSOL FLEET TEST SUP FAC	260 m2	2,100	12/98	03/00
	TOTAL		2,100		

9. Future Projects:

a. Included In The Following Program (FY 2002):

None

b. Major Planned Next Three Years:

None

c. Real Property Maintenance Backlog ($000): $ 250

10. Mission Or Major Functions:

To operate and maintain FORACS III range including over-the-horizon targeting sensors, surface ship radiated noise measurement and submarine pre-deployment acoustic trials.

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N35266	4. Project Title
NAVAL UNDERSEA WARFARE DETACHMENT LUALUALEI, HAWAII	CONSOLIDATED FLEET TEST SUPPORT FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0702031N	143.15	313	2,100

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
CONSOLIDATED FLEET TEST SUPPORT FACILITY	M2	260	-	1,260
CFTS FACILITY	M2	260	4,506	(1,170)
BUILT-IN EQUIPMENT	LS	-	-	(70)
INFORMATION SYSTEMS	LS	-	-	(10)
TECHNICAL OPERATING MANUALS	LS	-	-	(10)
SUPPORTING FACILITIES	LS	-	-	710
ELECTRICAL UTILITIES	LS	-	-	(20)
MECHANICAL UTILITIES	LS	-	-	(200)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(400)
DEMOLITION	LS	-	-	(90)
SUBTOTAL	-	-	-	1,970
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	1,970
Supervision Inspection & Overhead (6.5%)	-	-	-	130
TOTAL REQUEST	-	-	-	2,100
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

Two-story concrete masonry structure with raised concrete foundation, fire protection system, information systems, raised floor in computer area, and comfort and equipment air conditioning; 30.5 meter tracking tower; utilities; paving and site improvements; and, demolition of one building and two towers at Special Area Nanakuli.

11. Requirement: 260 M2 Adequate: 0 M2 Substandard: 0 M2

PROJECT:

Constructs Consolidated Fleet Test Support facilities for concurrent testing and evaluation of ship-board Electronics and Combat Systems Readiness.

Consolidated Fleet Test Support Facility = 260 m2 = 2,799 Square Feet (Current mission)

REQUIREMENT:

(Continued On DD 1391C)

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N35266
NAVAL UNDERSEA WARFARE DETACHMENT LUALUALEI, HAWAII

4. Project Title	7. Project Number
CONSOLIDATED FLEET TEST SUPPORT FACILITY	313

(...continued)

Adequate and efficiently configured facilities are required to consolidate the equipment and personnel at Nanakuli with the existing Shipboard Electronics Systems Evaluation Facility (SESEF) at Barbers Point for the operational evaluation of combat and navigational systems on surface ships and submarines. The new facility will allow concurrent Fleet operational testing and evaluation for multiple systems and programs. The new facility also provides support for Radio Direction Finding, Combined Surface/Submarine Radiated Noise Measurement, and 3-D tracking range equipment packages.

CURRENT SITUATION:

The mission is currently accomplished in two remotely located facilities, one on Navy property and one on leased State-owned property. The existing facilities are fully utilized and cannot accommodate the additional equipment necessary to support the mission. Valuable new systems test equipment is now stored in temporary shelters until the completion of this project.

IMPACT IF NOT PROVIDED:

Additional increased Fleet sailing time will continue to be required due to the multiple system tests now done at two different locations and the inability to accomplish multiple tests at the same site. Test site operational inefficiencies and associated increased costs will continue due to multiple equipment changes for successive system tests. Lost time occurs because detachment personnel cannot conduct simultaneous testing and additional ships' transits to accomplish the multiple tests. An additional possible impact is the increased risk that ships' personnel errors and equipment faults will go undetected.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
(A) Date Design Started..... 12/98
(B) Date Design 35% Complete..... 08/99
(C) Date Design Complete..... 03/00
(D) Percent Complete As Of September 1999..... 35%

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N35266
NAVAL UNDERSEA WARFARE DETACHMENT LUALUALEI, HAWAII

4. Project Title	7. Project Number
CONSOLIDATED FLEET TEST SUPPORT FACILITY	313

(...continued)

(E) Percent Complete As Of January 2000..... 95%
(F) Type of Design Contract..... Design/Bid/Build
(G) Parametric Estimate used to develop cost..... Yes
(H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:
(A) Standard or Definitive Design: No
(B) Where Design Was Most Recently Used: N/A

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
(A) Production of Plans and Specifications..... 114
(B) All Other Design Costs..... 110
(C) Total..... 224
(D) Contract..... 200
(E) In-House..... 24

(4) Contract Award..... 12/00

(5) Construction Start..... 01/01

(6) Construction Completion..... 02/02

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: LT MATTHEW MASTERSON Phone No: 808-668-3251

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00604	4. Command	5. Area Constr Cost Index
FLEET INDUSTRIAL SUPPLY CENTER PEARL HARBOR, HAWAII	Naval Supply Systems Command	1.47

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 6/30/99	20	56	626	0	0	0	0	0	0	702
b. End FY 2006	18	83	621	0	0	0	0	0	0	722

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (675.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999.....	136,689.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	12,000.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	33,815.00
g.	REMAINING DEFICIENCY.....	19,010.00
h.	**GRAND TOTAL**.....	**201,514.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
152.60	WHARF UPGRADE	152 MB	12,000	12/98	06/00
	TOTAL		12,000		

9. Future Projects:

a. Included In The Following Program (FY 2002):

None

b. Major Planned Next Three Years:

152.60	SUPPLY WHARF EXTENSION	190 MB	3,014
431.10	WATERFRONT TRANSIT SHED	4,505 m2	7,724
441.10	WAREHOUSE CONSOLIDATION	5,110 m2	14,600
441.10	BULK STORAGE WAREHOUSE	4,181 m2	8,477
	TOTAL		33,815

c. Real Property Maintenance Backlog ($000): $ 74,225

10. Mission Or Major Functions:

Provides a wide variety of supply and support services to Navy activities in the geographic area and provides supply, POL, and support services to Pacific Fleet units.

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00604	4. Project Title
FLEET INDUSTRIAL SUPPLY CENTER PEARL HARBOR, HAWAII	WHARF UPGRADE

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0702896N	152.60	138	12,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
WHARF UPGRADE	LS	-	-	7,330
WHARF UPGRADE	LS	-	-	(7,330)
SUPPORTING FACILITIES	LS	-	-	3,940
SHEET PILE BULKHEAD	LS	-	-	(1,940)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(610)
DEMOLITION	LS	-	-	(1,390)
SUBTOTAL	-	-	-	11,270
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	11,270
Supervision Inspection & Overhead (6.5%)	-	-	-	730
TOTAL REQUEST	-	-	-	12,000
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	500

10. Description of Proposed Construction

Demolish 152 meter (500 foot) section of existing Supply Wharves K10 and K11 and construct a new reinforced concrete wharf on concrete piles with capacity to support supply loading and unloading operations. A new sheetpile bulkhead will be installed just beyond the existing bulkhead at the reconstructed section of the wharf. A new fender system at the reconstructed section will consist of precast concrete piles and foam-filled fenders at 60 feet on center, along the outboard edge of the wharf. Other work includes cathodic corrosion protection for the new sheetpile, earthwork and repaving at the new sheetpile deadman, and the demolition, temporary capping and replacing of the existing utility lines beneath the existing wharf.

11. Requirement: 0 LS **Adequate:** 0 LS **Substandard:** 152 LS

PROJECT:
This project upgrades wharf load capacity and fender system at Wharves K10 and K11 to provide adequate waterfront berthing facilities for supply ships.

Wharf Upgrade = 152 MB = 499 Feet of Berthing (Current mission)

(Continued On DD 1391C)

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00604
FLEET INDUSTRIAL SUPPLY CENTER PEARL HARBOR, HAWAII

4. Project Title	7. Project Number
WHARF UPGRADE	138

(...continued)

REQUIREMENT:

Adequate waterfront facilities are required for the safe berthing of supply ships. Supply Center, Pearl Harbor is tasked with performing the Water Terminal Clearance Authority functions for all DOD water shipments consigned through Hawaiian Island ports, and also providing traffic management and terminal services for the movement of DOD components through the military ocean terminals and must be responsive to the operational requirement of a DOD component. To perform this mission, Supply Center, Pearl Harbor requires adequate waterfront facilities for the safe berthing of supply ships.

CURRENT SITUATION:

Wharves K10 and K11 are Supply Center's primary berthing facilities for breakbulk/container supply ships. Approximately three supply ships and five to six surface/miscellaneous Navy ships berth at Wharves K10 and K11 per month. Additionally, K10 and K11 are the only wharves that have adequate length to berth the large supply ships. The Navy changed their parts pre-position strategy resulting from an increase in the number of large, heavy, long-lead items (such as nose cones for submarines) for easier access and quicker availability for the repair of ships and submarines in the Pacific. Wharves K10 and K11 were constructed in 1942. Because of their lengths, Wharves K10 and K11 can accommodate large ships and are heavily used. However, full use of heavy equipment is restricted in movement, positioning, and lifting capacity because of structural weakness in the wharves. As a result of engineering studies the load capacity on Kilo Docks has been limited for safe equipment operations. Allowable lifting load limits are therefore, less than full capacity of these machines. Very heavy lifting equipment cannot be used on the wharves at all. The existing timber pile fender system does not have adequate capacity to absorb the berthing energy of docking ships.

IMPACT IF NOT PROVIDED:

If this project is deferred, full use of existing lifting/loading equipment will be limited. A judgement error in normal use of the equipment could result in damages to the structure and loss of lives. Normal docking and undocking operations will continue to damage the hulls of ships and/or the wharf structure. Consequently, Supply Center's ability to sustain the readiness of the fleet and shore activities could be compromised.

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00604
FLEET INDUSTRIAL SUPPLY CENTER PEARL HARBOR, HAWAII

4. Project Title	7. Project Number
WHARF UPGRADE	138

(...continued)

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 12/98
- (B) Date Design 35% Complete..... 08/99
- (C) Date Design Complete..... 06/00
- (D) Percent Complete As Of September 1999..... 35%
- (E) Percent Complete As Of January 2000..... 65%
- (F) Type of Design Contract..... Design/Bid/Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used: N/A

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 350
- (B) All Other Design Costs..... 300
- (C) Total..... 650
- (D) Contract..... 1200
- (E) In-House..... 120

(4) Contract Award..... 01/01

(5) Construction Start..... 02/01

(6) Construction Completion..... 04/03

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
FOAM FILLED FENDERS	OPN	01	500

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00604
FLEET INDUSTRIAL SUPPLY CENTER PEARL HARBOR, HAWAII

4. Project Title	7. Project Number
WHARF UPGRADE	138

(...continued)

Activity POC: LTJG ALEXANDER KOHNEN Phone No: (808) 471-0659

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N62813	4. Command	5. Area Constr Cost Index
NAVAL STATION PEARL HARBOR HAWAII	Commander in Chief Pacific Fleet	1.47

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 1/20/00	1,648	10,752	7,711	0	0	0	301	423	0	20,835
b. End FY 2006	1,742	11,511	7,466	0	0	0	268	439	0	21,426

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (6,248.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999.....	956,812.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	30,700.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	36,193.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	28,746.00
g.	REMAINING DEFICIENCY.....	372,658.00
h.	**GRAND TOTAL**.....	**1,425,109.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
143.25	SEAL DELIVERY VEH TEAM	6,437 m2	14,200	12/98	06/00
721.11	BEQ	5,251 m2	16,500	12/98	04/01
	TOTAL		30,700		

9. Future Projects:

a. Included In The Following Program (FY 2002):

832.10	BLGE/OIL WST COLL/PROC FAC	0 LS	8,124
812.30	ELEC SYS UPGR(FORD ISLAND)	0 LS	16,039
721.14	BEQ MODERNIZATION(ARIZONA)	0 LS	12,030
	TOTAL		36,193

b. Major Planned Next Three Years:

721.11	BEQ	0 LS	22,040
721.11	BEQ MODERN (SMEDLEY)	0 LS	6,706
	TOTAL		28,746

c. Real Property Maintenance Backlog ($000): $ 187,649

10. Mission Or Major Functions:

Pearl Harbor is homeport for approximately 20 surface combatants. This station operates and controls the harbor and maintains and operates shore-based support facilities such as shore intermediate maintenance, housing, recreation, and personnel assistance for afloat surface units and

(Continued On DD 1390C)

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N62813	4. Command	5. Area Constr Cost Index
NAVAL STATION PEARL HARBOR HAWAII	Commander in Chief Pacific Fleet	1.47

(...continued)

most of the shore tenant activities in the Pearl Harbor area.

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $0

b. Occupational Safty And Health (OSH) (#): $0

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N62813	4. Project Title
NAVAL COMPLEX, PEARL HARBOR, HAWAII	RELOCATE SEAL DELIVERY VEHICLE TEAM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0204796N	143.25	533	14,200

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
RELOCATE SEAL DELIVERY VEHICLE TEAM	M2	6,437	-	11,920
SEAL TEAM BUILDING	M2	6,437	1,522	(9,800)
BUILT-IN EQUIPMENT	LS	-	-	(2,030)
INFORMATION SYSTEMS	LS	-	-	(90)
SUPPORTING FACILITIES	LS	-	-	1,410
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(520)
MECHANICAL UTILITIES	LS	-	-	(530)
ELECTRICAL UTILITIES	LS	-	-	(300)
SITE IMPROVEMENTS	LS	-	-	(60)
SUBTOTAL	-	-	-	13,330
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	13,330
Supervision Inspection & Overhead (6.5%)	-	-	-	870
TOTAL REQUEST	-	-	-	14,200
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	108

10. Description of Proposed Construction

Multi-story, concrete masonry unit wall, steel-frame building with concrete foundation and metal roofing; SEAL operational space includes Dry Deck Shelter (DDS) bay, scuba shops, oxygen charging room, battery charging room, weight room, and locker rooms; supply space provides parts storage for scuba/dive gear, SEAL delivery vehicle, and DDS; special features include 50 ton and 5 ton bridge cranes, crane rails and structural supports, 12-inch thick concrete floor slab in DDS bay, compressed air system, intrusion detection system, and information systems; utilities (sewer, water, and electricity), building pilings, site improvements, and obstacle course; relocate existing ready storage locker; technical operating manuals for bridge cranes and air compressors.

11. Requirement: 6,437 M2 Adequate: 0 M2 Substandard: 44,666 M2

PROJECT:
Construct new facilities for the relocation of Seal Delivery Vehicle Team (SDVT) ONE from Ford Island to Pearl City Peninsula.

Relocate Seal Delivery Vehicle Team = 6,437 m2 = 69,287 Square Feet

(Continued On DD 1391C)

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N62813
NAVAL COMPLEX, PEARL HARBOR, HAWAII

4. Project Title	7. Project Number
RELOCATE SEAL DELIVERY VEHICLE TEAM	533

(...continued)
(Current mission)

REQUIREMENT:

Adequate facilities are critical for SDVT ONE to maintain readiness for rapid deployment and to provide continuous and ongoing training to meet their mission requirements. Adequate facilities provide DDS bay for mock training; scuba shops for preparation of open circuit (compressed air) and closed circuit (100% oxygen) diving equipment; oxygen charging room for scuba tanks; battery charging room for SEAL Delivery Vehicle; classrooms for weapons, tactics, and dive training; and, weight and locker room for physical conditioning.

CURRENT SITUATION:

The current facility does not conform to the Ford Island Development Plan, which was prepared by the Ford Island Executive Steering Committee. This long-range concept plan has been briefed to Commander in Chief, Pacific Fleet (CINCPAC), Chief of Naval Operations (OPNAV), Secretary of the Navy (SECNAV), and the Hawaii Congressional delegation. A subsequent plan to relocate the entire SEAL compound to Pearl City has been coordinated with Commander, Naval Special Warfare Command (COMNAVSPECWARCOM). Starting with U. S. Special Operations Command (USSOCOM) Military Construction Project Q-449, Advanced SEAL Delivery System (ASDS) Facility, all facilities will be relocated to the Pearl City Peninsula.

IMPACT IF NOT PROVIDED:

Without this project, the ASDS Facility and SDVT ONE would be located at different sites, significantly impacting readiness, training, and mission objectives of SDVT ONE, and compromising the essential interoperability of SDVT ONE's command and logistics functions. SDVT ONE will be able to function as one command when both this project and the ASDS facility are completed. A short interim split of the SDVT ONE can be tolerated during the completion of the construction of the ASDS facility. However, extended operations in this manner will severely reduce the capability of this national security asset.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N62813
NAVAL COMPLEX, PEARL HARBOR, HAWAII

4. Project Title	7. Project Number
RELOCATE SEAL DELIVERY VEHICLE TEAM	533

(...continued)

project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 12/98
- (B) Date Design 35% Complete..... 11/99
- (C) Date Design Complete..... 06/00
- (D) Percent Complete As Of September 1999..... 10%
- (E) Percent Complete As Of January 2000..... 60%
- (F) Type of Design Contract..... Design/Bid/Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 774
- (B) All Other Design Costs..... 554
- (C) Total..... 1328
- (D) Contract..... 1138
- (E) In-House..... 190

(4) Contract Award..... 02/01

(5) Construction Start..... 03/01

(6) Construction Completion..... 10/02

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
CCTV SYSTEM	2001	OPN	38
INTRUSION DETECTION SYSTEM	2001	OPN	63
UNINTERRUPTIBLE POWER SUPPLY	2001	OPN	7

Activity POC: LCDR JEFFREY DRAPER Phone No: (808) 474-8190

307

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N62813	4. Project Title
NAVAL STATION PEARL HARBOR, HAWAII	BACHELOR ENLISTED QUARTERS

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0204796N	721.11	593	16,500

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
BACHELOR ENLISTED QUARTERS	M2	5,251	-	13,010
BUILDING (2+0)	M2	5,251	2,290	(12,020)
BUILT-IN EQUIPMENT	LS	-	-	(340)
BREEZEWAY	LS	-	-	(380)
INFORMATION SYSTEMS	LS	-	-	(220)
TECHNICAL OPERATING MANUALS	LS	-	-	(50)
SUPPORTING FACILITIES	LS	-	-	2,480
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(740)
ELECTRICAL UTILITIES	LS	-	-	(650)
MECHANICAL UTILITIES	LS	-	-	(190)
SITE IMPROVEMENTS	LS	-	-	(420)
DEMOLITION	LS	-	-	(480)
SUBTOTAL	-	-	-	15,490
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	15,490
Supervision Inspection & Overhead (6.5%)	-	-	-	1,010
TOTAL REQUEST	-	-	-	16,500
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

Multi-story (not to exceed five stories) reinforced concrete building; 87 "2+0" modules consisting of two 2-sailor rooms, each with a semi-private bath; lounges, laundry room, administrative area, elevator, refuse collection area, and ancillary and support spaces; fire sprinkler and alarm system, information systems, security monitoring, air conditioning, and utilities; demolition of existing paved surfaces, including an abandoned concrete apron/hangar foundation; new roadways and parking lots, landscaping, technical operating manuals.

Intended grade mix: 348 E1-E4; Maximum utilization: 348 E1-E4

11. Requirement: 2,151 PN Adequate: 734 PN Substandard: 980 PN

PROJECT:
Constructs a bachelor enlisted quarters to the 2+0 standard to support Oahu-wide regional billeting requirements.

(Continued On DD 1391C)

307

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N62813
NAVAL STATION PEARL HARBOR, HAWAII

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS	593

(...continued)

Bachelor Enlisted Quarters = 5,251 m2 = 56,521 Square Feet
Building (2+0) = 5,251 m2 = 56,521 Square Feet (Current mission)

REQUIREMENT:

Adequate regional bachelor enlisted facilities are required to accommodate the E1-E4 personnel on Oahu. The Oahu regional requirement includes the following areas:
- Naval Station, Pearl Harbor
- Naval Magazine, Lualualei
- Naval Computer and Telecommunication Area Master Station Pacific, Honolulu
- Naval Security Group Activity, Kunia

The primary mission of Naval Station, Pearl Harbor, is to provide base operating support for the operating forces of the U.S. Navy and for dependent activities and other commands as assigned and to provide support for submarine and surface ship training. The Naval Station is the program manager and provider of shore services to the Oahu region for operational control of the harbor and support functions including bachelor quarters, family services, and morale, welfare, and recreation.

CURRENT SITUATION:

Oahu's existing available Navy E1-E4 bachelor enlisted facility assets, 1,714 PN, do not accommodate the 2,151 E1-E4 bachelor personnel currently assigned to Oahu Navy bases. Additionally, the facilities are inadequate, 1940-vintage, have severe material deterioration, have repair costs exceeding 75% of new construction cost, and are considered for demolition.

IMPACT IF NOT PROVIDED:

The Naval Station will not be able to provide adequate billeting facilities for relocating personnel. Navy junior enlisted personnel will have to seek private rental housing. This will be a difficult task for junior enlisted personnel due to Hawaii's high cost rental market. The Oahu Military Housing Market Analysis concludes that, by the year 2001, there will be a significant unsatisfied requirement in military bachelor and family housing when accounting for on-base military-owned and off-base rental units on Oahu. Military personnel will be forced to accept substandard, overcrowded living arrangements where available. These conditions are unacceptable and will negatively impact the operational

307

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N62813
NAVAL STATION PEARL HARBOR, HAWAII

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS	593

(...continued)
readiness of Navy units as well as the morale, welfare, and retention of skilled and dedicated military personnel.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 12/98
- (B) Date Design 35% Complete..... 03/00
- (C) Date Design Complete..... 04/01
- (D) Percent Complete As Of September 1999..... 30%
- (E) Percent Complete As Of January 2000..... 30%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:
- (A) Standard or Definitive Design: Yes
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 250
- (B) All Other Design Costs..... 200
- (C) Total..... 450
- (D) Contract..... 200
- (E) In-House..... 250

(4) Contract Award..... 01/01

(5) Construction Start..... 04/01

(6) Construction Completion..... 07/03

B. Equipment associated with this project which will be provided from other appropriations: NONE.

C. FY 1999 Unacccompanied Housing Real Property Maint Conducted ($000) 3060
D. FY 2000 Unacccompanied Housing Real Property Maint Conducted ($000) 898
E. Future Unacccompanied Housing Real Property Maint Requirements ($000) 4958

307

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N62813
NAVAL STATION PEARL HARBOR, HAWAII

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS	593

(...continued)

Activity POC: LCDR JEFFREY DRAPER Phone No: (808) 474-8190

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00210	4. Command	5. Area Constr Cost Index
NAVAL TRAINING CENTER GREAT LAKES ILLINOIS	Chief of Naval Education and Training	1.26

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 1/20/00	513	4,600	1,470	0	9,090	0	747	1,635	0	18,055
b. End FY 2006	554	4,799	1,265	0	7,618	0	747	1,635	0	16,618

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (1,021.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999	105,490.00
c.	AUTHORIZATION NOT YET IN INVENTORY	9,170.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM	121,400.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS	81,718.00
g.	REMAINING DEFICIENCY	1,077,873.00
h.	**GRAND TOTAL**	**1,395,651.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Complete
171.40	RTC DRILL HALL	6,050 m2	11,700	12/98	04/01
171.40	PHYSICAL TRNG FAC	16,975 m2	35,000	12/98	04/01
721.11	RECRUIT BARRACKS	15,993 m2	37,000	01/99	04/01
721.11	RECRUIT BARRACKS	15,993 m2	37,700	01/99	04/01
	TOTAL		121,400		

9. Future Projects:

a. Included In The Following Program (FY 2002):

None

b. Major Planned Next Three Years:

171.20	CBU TRAINING BUILDING	2,239 m2	5,274
721.11	BEQ (RTC STAFF).	10,684 m2	24,728
171.40	REPLACE RTC DRILL HALL	6,050 m2	11,774
721.14	BEQ A SCHOOL REPL	17,075 m2	39,942
	TOTAL		81,718

c. Real Property Maintenance Backlog ($000): $ 242,518

10. Mission Or Major Functions:

Provide basic indoctrination (recruit training) for enlisted personnel; primary, advanced, and specialized training for officer and enlisted personnel. Recruit Training Command Service School Command

(Continued On DD 1390C)

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00210	4. Command	5. Area Constr Cost Index
NAVAL TRAINING CENTER GREAT LAKES ILLINOIS	Chief of Naval Education and Training	1.26

(...continued)

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00210	4. Project Title
NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS	RECRUIT TRAINING DRILL HALL

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0805796N	171.40	640	11,700

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
RECRUIT TRAINING DRILL HALL	M2	6,050	-	7,560
DRILL HALL	M2	6,050	1,241	(7,510)
TECHNICAL OPERATING MANUALS	LS	-	-	(50)
SUPPORTING FACILITIES	LS	-	-	3,480
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(1,500)
ELECTRICAL UTILITIES	LS	-	-	(380)
MECHANICAL UTILITIES	LS	-	-	(470)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(470)
DEMOLITION	LS	-	-	(660)
SUBTOTAL	-	-	-	11,040
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	11,040
Supervision Inspection & Overhead (6.0%)	-	-	-	660
TOTAL REQUEST	-	-	-	11,700
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

Permanent-type open-bay drill hall with clear span, training support spaces, administrative offices, fire protection system, air conditioning, electrical and mechanical supporting utilities, paving, site improvements, technical operating manuals, and demolition of one drill hall.

11. Requirement: 6,050 M2 **Adequate:** 0 M2 **Substandard:** 0 M2

PROJECT:

Constructs a replacement Drill Hall at the Recruit Training Command for year round training.

Recruit Training Drill Hall = 6,050 m2 = 65,229 Square Feet (Current mission)

REQUIREMENT:

Adequate facilities are required to support mission mandatory training such as close order drill, physical fitness training, ceremonial

(Continued On DD 1391C)

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00210
NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS

4. Project Title	7. Project Number
RECRUIT TRAINING DRILL HALL	640

(...continued)

exercises, and other large divisional assemblies during harsh winter conditions (Nov-Mar), excessive heat days (July-Sept), and inclement weather during the year. This is a proactive initiative to recapitalize the second of four facilities and eliminate the potential of catastrophic failure of the existing facilities or closure for safety considerations.

CURRENT SITUATION:

The existing three drill halls used for drilling and physical fitness training were semi-permanent structures that were constructed in 1942 as temporary buildings with an intended useful life of five years. All drill halls are fully utilized for various recruit training activities during daily training hours (0430-2000). When inclement weather prevents outdoor training, barracks space must be used since the drill halls are at maximum capacity. All drill halls have been under continuous repair since 1943 for delaminated wood arches and biological decomposition. A near catastrophic failure of most arches occurred in 1982 and as a result, a major renovation project was undertaken in 1984 to extend the useful life of the facilities for 15 years. Presently, there are indications of accelerated wood rot and delamination of the arches and deterioration of roof decking and tie beams. The progression of delamination and, in particular, biological decomposition has worsened, as indicated by current roof deflections similar to those that preceded the collapse of another drill hall.

IMPACT IF NOT PROVIDED:

Structural deterioration of the drill halls will continue to accelerate with time to a point where eventually the facilities will have to be closed for safety considerations. Without drill hall facilities, RTC will not be able to train sailors on a year round basis in the basics of physical fitness and drilling.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
(A) Date Design Started..... 12/98
(B) Date Design 35% Complete..... 03/00

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00210
NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS

4. Project Title	7. Project Number
RECRUIT TRAINING DRILL HALL	640

(...continued)

(C) Date Design Complete..... 04/01
(D) Percent Complete As Of September 1999..... 5%
(E) Percent Complete As Of January 2000..... 20%
(F) Type of Design Contract..... Design Build
(G) Parametric Estimate used to develop cost..... Yes
(H) Energy study/life-cycle analysis performed..... No

(2) Basis:
(A) Standard or Definitive Design: No
(B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
(A) Production of Plans and Specifications..... 0
(B) All Other Design Costs..... 140
(C) Total..... 140
(D) Contract..... 30
(E) In-House..... 110

(4) Contract Award..... 11/00

(5) Construction Start..... 04/01

(6) Construction Completion..... 06/02

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: LT KEVIN BROWN Phone No: 847- 688-4818

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00210	4. Project Title
NAVAL TRAINING CENTER, GREAT LAKES, ILLINOIS	PHYSICAL TRAINING FACILITY

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0805796N	171.40	710	35,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PHYSICAL TRAINING FACILITY	M2	16,975	-	26,580
BUILDING	M2	16,975	1,549	(26,290)
BUILT-IN EQUIPMENT	LS	-	-	(90)
TECHNICAL OPERATING MANUALS	LS	-	-	(200)
SUPPORTING FACILITIES	LS	-	-	6,440
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(2,120)
ELECTRICAL UTILITIES	LS	-	-	(1,300)
MECHANICAL UTILITIES	LS	-	-	(1,400)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(900)
DEMOLITION	LS	-	-	(720)
SUBTOTAL	-	-	-	33,020
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	33,020
Supervision Inspection & Overhead (6.0%)	-	-	-	1,980
TOTAL REQUEST	-	-	-	35,000
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

Three-story concrete and masonry, steel framed enclosed building (Seismic Zone 1) including a basement; sloped roof; heating, ventilation, and air conditioning; fire protection; electrical, mechanical, and underground utilities; indoor track; fitness and aerobics area; free weights and other fitness equipment; paving and site improvements; and, demolition of one drill hall.

11. Requirement: 16,975 M2 Adequate: 0 M2 Substandard: 0 M2

PROJECT:
Constructs a new recruit physical training facility at the Recruit Training Command (RTC) to replace existing drill hall Building 1400 and Building 800.

Physical Training Facility = 16,975 m2 = 182,717 Square Feet (Current mission)

(Continued On DD 1391C)

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00210
NAVAL TRAINING CENTER, GREAT LAKES, ILLINOIS

4. Project Title	7. Project Number
PHYSICAL TRAINING FACILITY	710

(...continued)

REQUIREMENT:

Adequate indoor space is required for the current physical fitness program in the RTC curriculum. Physical fitness plays a critical role in today's recruit training environment. The frequency of physical training required for each recruit has recently increased. A facility is needed to provide a single location to perform the physical fitness regimen necessary to maintain the RTC physical readiness standards.

CURRENT SITUATION:

The physical fitness training for recruits is hampered by the lack of suitable facilities. A high volume of this training is currently being conducted in drill halls, Buildings 1400 and 800, and in the barracks. Building 1400 and Building 800 were constructed in 1942 as temporary buildings with an intended useful life of 5 years. Drill halls have been under continuous repair since 1943 for delaminated wooden arches and biological decomposition. A near catastrophic failure of most arches occurred in 1982 and as a result, a major renovation project was undertaken in 1984 to extend the useful life of the facilities for 15 years. Approximatety $600,000 per drill hall was expended to patch up these drill halls. A 1998 Structural Engineering study reports indications of accelerated wood rot and delamination of the arches and deterioration of roof decking and tie beams. The progression of delamination and, in particular, biological decomposition has worsened as indicated by current roof deflections similar to those that preceded the collapse of another drill hall. Conducting physical fitness and drill training in the barracks is unsuitable.

IMPACT IF NOT PROVIDED:

If the deficiency is not corrected, the physical fitness training mission requirements will not be met. The Navy's goal to produce fit, disciplined and motivated sailors will not be realized if these facilities are not replaced. Mission support and readiness throughout the Navy will be impacted without suitable fitness and drill training facilities. Deficiencies in the physical training program and facilities at RTC Great Lakes were highlighted during Congressional hearing on the Kassenbaum-Baker Committee Report and also noted by the Secretary of Defense.

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00210
NAVAL TRAINING CENTER, GREAT LAKES, ILLINOIS

4. Project Title	7. Project Number
PHYSICAL TRAINING FACILITY	710

(...continued)

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 12/98
- (B) Date Design 35% Complete..... 03/00
- (C) Date Design Complete..... 04/01
- (D) Percent Complete As Of September 1999..... 5%
- (E) Percent Complete As Of January 2000..... 20%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... No

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 0
- (B) All Other Design Costs..... 155
- (C) Total..... 155
- (D) Contract..... 35
- (E) In-House..... 120

(4) Contract Award..... 11/00

(5) Construction Start..... 02/01

(6) Construction Completion..... 01/03

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: LT KEVIN BROWN Phone No: 847- 688-4818

307

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00210	4. Project Title
NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS	RECRUIT BARRACKS

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0805796N	721.11	730	37,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
RECRUIT BARRACKS	m2	15,993	-	28,730
BACHELOR ENLISTED QUARTERS	m2	13,728	1,728	(23,720)
APPLIED INSTRUCTION BUILDING	m2	912	1,858	(1,690)
ENLISTED DINING	m2	1,353	2,012	(2,720)
BUILT-IN EQUIPMENT	LS	-	-	(400)
TECHNICAL OPERATING MANUALS	LS	-	-	(200)
SUPPORTING FACILITIES	LS	-	-	6,180
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(2,200)
ELECTRICAL UTILITIES	LS	-	-	(1,280)
MECHANICAL UTILITIES	LS	-	-	(1,160)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,540)
SUBTOTAL	-	-	-	34,910
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	34,910
Supervision Inspection & Overhead (6.0%)	-	-	-	2,090
TOTAL REQUEST	-	-	-	37,000
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Three-story, concrete and masonry, steel framed building with standing seam metal roof, heating, mess area, entrance canopy, elevators, ventilation and air conditioning, electrical and mechanical utilities, fire protection, telephone and underground conduit and wiring, technical operating manuals, parking and site improvements. Intended Grade mix: 1,056 Recruits. Maximum utilization 1,056 Recruits.

11. Requirement: 1,056 PN **Adequate:** 0 PN **Substandard:** 0 PN

PROJECT:

Provides a new 1,056 PN Recruit Barracks for open-bay housing of recruits, messing facilities, and academic instruction spaces in the same building to provide more efficient training time. This new training concept is currently being used successfully by the Army and Air Force and utilizes an "all in one complex" (AIOC) for more efficient use of training time.

Recruit Barracks = 15,993 m2 = 172,147 Square Feet

(Continued On DD 1391C)

307

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00210
NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS

4. Project Title	7. Project Number
RECRUIT BARRACKS	730

(...continued)

Bachelor Enlisted Quarters = 13,728 m2 = 147,767 Square Feet
Applied Instruction Building = 912 m2 = 9,816 Square Feet
Enlisted Dining = 1,353 m2 = 14,564 Square Feet (Current mission)

REQUIREMENT:

Adequate recruit barracks are required to house 1,056 recruits. This project is one of two initial projects to correct this space deficiency and institute a new training concept where the academic recruit training is done in the same facility as the living quarters. Future projects will be submitted to replace all of the existing barracks using this AIOC concept.

CURRENT SITUATION:

Recruit training is hampered by the lack of suitable or adequate berthing facilities. Currently, recruits are housed in barracks that have a space allowance of 50 Net Square Feet (NSF) per recruit and a waiver is required to operate in this manner. This does not meet the current standard of 72 NSF per recruit. In addition, the current facilities were built in the 1950's and 1960's and are reaching the end their useful life. Maintenance is a major problem and there is no air conditioning in any of the barracks. Based on a current study evaluating the Recruit Training Center (RTC) Barracks, approximately $25 million per barracks will be required to correct the current maintenance backlog and criteria deficiencies. This project is required to correct the existing deficiency in berthing space at RTC Great Lakes.

IMPACT IF NOT PROVIDED:

If the deficiency is not corrected, the training mission requirements will be severely impacted. The Navy's long range recruiting goals will not be realized if these facility deficits continue to exist. Mission support and readiness throughout the Navy will be impacted if recruit training is limited by lack of berthing and training spaces. These deficiencies at RTC Great Lakes are resulting in the inability to train an adequate number of recruits to meet the fleet requirements. This is a major concern to Chief of Naval Operations and the Secretary of the Navy.

307

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00210
NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS

4. Project Title	7. Project Number
RECRUIT BARRACKS	730

(...continued)

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 01/99
- (B) Date Design 35% Complete..... 03/00
- (C) Date Design Complete..... 04/01
- (D) Percent Complete As Of September 1999..... 5%
- (E) Percent Complete As Of January 2000..... 20%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... No

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 0
- (B) All Other Design Costs..... 160
- (C) Total..... 160
- (D) Contract..... 40
- (E) In-House..... 120

(4) Contract Award..... 11/00

(5) Construction Start..... 02/01

(6) Construction Completion..... 01/03

B. Equipment associated with this project which will be provided from other appropriations: NONE.

C. FY 1999 Unacccompanied Housing Real Property Maint Conducted ($000) 7204
D. FY 2000 Unacccompanied Housing Real Property Maint Conducted ($000) 7279
E. Future Unacccompanied Housing Real Property Maint Requirements ($000) 42500
Activity POC: LT KEVIN BROWN Phone No: 847- 688-4818

307

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00210	4. Project Title
NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS	RECRUIT BARRACKS

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0805796N	721.11	731	37,700

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
RECRUIT BARRACKS	m2	15,993	-	28,730
BACHELOR ENLISTED QUARTERS	m2	13,728	1,728	(23,720)
APPLIED INSTRUCTION BUILDING	m2	912	1,858	(1,690)
ENLISTED DINING	m2	1,353	2,012	(2,720)
BUILT-IN EQUIPMENT	LS	-	-	(400)
TECHNICAL OPERATING MANUALS	LS	-	-	(200)
SUPPORTING FACILITIES	LS	-	-	6,840
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(830)
ELECTRICAL UTILITIES	LS	-	-	(1,260)
MECHANICAL UTILITIES	LS	-	-	(1,150)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,530)
RELOCATION OF RELOCATABLE CONFINEMENT UNIT	LS	-	-	(1,500)
DEMOLITION	LS	-	-	(570)
SUBTOTAL	-	-	-	35,570
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	35,570
Supervision Inspection & Overhead (6.0%)	-	-	-	2,130
TOTAL REQUEST	-	-	-	37,700
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

Three-story, concrete and masonry, steel framed building with standing seam metal roof, heating, mess area, entrance canopy, elevators, ventilation and air conditioning, electrical and mechanical utilities, fire protection, telephone and underground conduit and wiring, technical operating manuals, parking and site improvements, relocation of adjacent Relocatable Confinement Unit (RCU), and demolition of inactive brig (building 914) and building 913.

Intended Grade mix: 1,056 Recruits. Maximum utilization 1,056 Recruits.

11. Requirement: 1,056 PN Adequate: 0 PN Substandard: 0 PN

PROJECT:

Provides a new 1,056 PN Recruit Barracks for open-bay housing of recruits, messing facilities, and academic instruction spaces in the same building to provide more efficient training time. This new training concept is

(Continued On DD 1391C)

307

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00210
NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS

4. Project Title	7. Project Number
RECRUIT BARRACKS	731

(...continued)

currently being used successfully by the Army and Air Force and utilizes an "all in one complex" (AIOC) for more efficient use of training time.

Recruit Barracks = 15,993 m2 = 172,147 Square Feet
Bachelor Enlisted Quarters = 13,728 m2 = 147,767 Square Feet
Applied Instruction Building = 912 m2 = 9,817 Square Feet
Enlisted Dining = 1,353 m2 = 14,563 Square Feet (Current mission)

REQUIREMENT:

Adequate recruit barracks are required to house 1,056 recruits. This project is one of two initial projects to correct this space deficiency and institute a new training concept where the academic recruit training is done in the same facility as the living quarters. Future projects will be submitted to replace all of the existing barracks using this AIOC concept.

CURRENT SITUATION:

Recruit training is hampered by the lack of suitable or adequate berthing facilities. Currently, recruits are housed in barracks that have a space allowance of 50 NSF per recruit and a waiver is required to operate in this manner. This does not meet the current standard of 72 NSF per recruit. In addition, the current facilities were built in the 1950's and 1960's and are reaching the end their useful life. Maintenance is a major problem and there is no air conditioning in any of the barracks. Based on a current study evaluating the Recruit Training Center (RTC) Barracks, approximately $25 million per barracks will be required to correct the current maintenance backlog and criteria deficiencies. This project is required to correct the existing deficiency in berthing space at RTC Great Lakes.

IMPACT IF NOT PROVIDED:

If the deficiency is not corrected, the training mission requirements will be severely impacted. The Navy's long range recruiting goals will not be realized if these facility deficits continue to exist. Mission support and readiness throughout the Navy will be impacted if recruit training is limited by lack of berthing and training spaces. These deficiencies at RTC Great Lakes are resulting in the inability to train an adequate number of recruits to meet the fleet requirements. This is a major concern to Chief of Naval Operations and the Secretary of the Navy.

307

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00210
NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS

4. Project Title	7. Project Number
RECRUIT BARRACKS	731

(...continued)

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 01/99
- (B) Date Design 35% Complete..... 03/00
- (C) Date Design Complete..... 04/01
- (D) Percent Complete As Of September 1999..... 5%
- (E) Percent Complete As Of January 2000..... 20%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 0
- (B) All Other Design Costs..... 160
- (C) Total..... 160
- (D) Contract..... 40
- (E) In-House..... 120

(4) Contract Award..... 11/00

(5) Construction Start..... 02/01

(6) Construction Completion..... 01/03

B. Equipment associated with this project which will be provided from other appropriations: NONE.

C. FY 1999 Unacccompanied Housing Real Property Maint Conducted ($000) 7204
D. FY 2000 Unacccompanied Housing Real Property Maint Conducted ($000) 7279
E. Future Unacccompanied Housing Real Property Maint Requirements ($000) 42500
Activity POC: LT KEVIN BROWN Phone No: 847- 688-4818

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N60087	4. Command	5. Area Constr Cost Index
NAVAL AIR STATION BRUNSWICK, MAINE	Commander in Chief Atlantic Fleet	0.95

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 1/20/00	410	2,659	590	0	0	0	79	120	0	3,858
b. End FY 2006	450	2,933	539	0	0	0	94	335	0	4,351

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (15,908.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999.....	272,772.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	2,450.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	8,284.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	7,695.00
g.	REMAINING DEFICIENCY.....	32,560.00
h.	**GRAND TOTAL**.....	**323,761.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
116.15	ACFT DE-ICE/RINSE FAC	0 LS	2,450	03/99	06/00
	TOTAL		2,450		

9. Future Projects:

a. Included In The Following Program (FY 2002):

421.72	WEAPONS MAGS REPL	1,208 m2	2,737
721.11	BEQ E1/E4	12,070 m2	5,547
	TOTAL		8,284

b. Major Planned Next Three Years:

610.10	CONSOL OFFICE FAC	10,000 m2	7,695
	TOTAL		7,695

c. Real Property Maintenance Backlog ($000): $ 80,947

10. Mission Or Major Functions:

Maintain and operate facilities and provide services and material support for the six P-3 land-based, anti-submarine warfare squadrons homeported. These Atlantic Fleet ASW Squadrons conduct operational and training flights from Brunswick, and rotationally deploy to bases in the Atlantic Ocean and Mediterranean.

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N60087	4. Project Title
NAVAL AIR STATION BRUNSWICK BRUNSWICK ME	AIRCRAFT DE-ICE/RINSE FACILITY

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0204696N	116.15	115	2,450

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
AIRCRAFT DE-ICE/RINSE FACILITY	LS	-	-	1,110
BUILT-IN EQUIPMENT	LS	-	-	(1,100)
TECHNICAL OPERATING MANUALS	LS	-	-	(10)
SUPPORTING FACILITIES	LS	-	-	1,200
ELECTRICAL UTILITIES	LS	-	-	(160)
MECHANICAL UTILITIES	LS	-	-	(380)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(660)
SUBTOTAL	-	-	-	2,310
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	2,310
Supervision Inspection & Overhead (6.0%)	-	-	-	140
TOTAL REQUEST	-	-	-	2,450
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

Concrete and bituminous pavements for aircraft de-icing/rinsing pad and concrete pavements for taxiway "G" extension connecting parallel taxiway with inboard runway. De-icing components include waste de-icing fluid collection trench, catch basins, underground storage tanks, waste glycol loading facility and related waste piping. Rinsing components include pump house, below pavement rinse nozzles, oil/water separator and related potable water piping. Technical operating manuals will be provided.

11. Requirement: 0 LS **Adequate:** 0 LS **Substandard:** 0 LS

PROJECT:

Provides a new, state-of-the-art aircraft de-icing/rinse facility that will be able to operate year-round. (Current mission)

REQUIREMENT:

Adequate de-icing/rinse facilities are required to support seven squadrons (four active duty and three reserve squadrons totaling 54 aircraft). Additional transient aircraft, including aircraft associated with the AEGIS testing program at Bath Iron Works, use NAS Brunswick for their

(Continued On DD 1391C)

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N60087
NAVAL AIR STATION BRUNSWICK BRUNSWICK ME

4. Project Title	7. Project Number
AIRCRAFT DE-ICE/RINSE FACILITY	115

(...continued)

flight operations. These aircraft require rinsing after operations to reduce airframe corrosion. There is also a need to apply de-icing fluids (propylene glycol) to the aircraft during winter operations. This project will deliver aircraft de-icing and rinsing fluids from two hydraulically operated booms, providing quicker delivery of the flights and better coverage of the aircraft, increasing operational safety of the aircraft. Below grade rinsing nozzles will provide year round rinsing capability for the underside of the aircraft.

CURRENT SITUATION:

At present, a bird bath aircraft rinse facility operates during the months of April to October. Runoff from this facility passes through an oil/water separator and is then discharged in the storm water system. This facility cannot operate during winter months due to low ambient temperatures. Additional aircraft washings (manually, in hangar) are required during the winter months when the rinse facility operations are suspended. During winter months, de-icing fluids are sprayed onto the aircraft by a fleet of Trump trucks. The de-icing fluids discharged are not recaptured, resulting in local stream contamination. While NAS Brunswick presently has a permit to discharge the de-icing fluids into the storm water system, future permit applications are expected to meet with resistance from the State of Maine.

IMPACT IF NOT PROVIDED:

Failure to provide the proposed de-icing/rinse facility will result in continued reliance on the inferior de-icing fluid delivery system obtained from Trump truck application, resulting in decreased flight operation safety. The aircraft rinse facility will continue to be operated only in warm weather, leading to either more corrosion of the airframes during winter flight operations or more frequent aircraft washing cycles. De-icing fluids will continue to be discharged into the environment, leading to possible future violations.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N60087
NAVAL AIR STATION BRUNSWICK BRUNSWICK ME

4. Project Title	7. Project Number
AIRCRAFT DE-ICE/RINSE FACILITY	115

(...continued)

(A) Date Design Started..... 03/99
(B) Date Design 35% Complete..... 09/99
(C) Date Design Complete..... 06/00
(D) Percent Complete As Of September 1999..... 35%
(E) Percent Complete As Of January 2000..... 60%
(F) Type of Design Contract..... Design/Bid/Build
(G) Parametric Estimate used to develop cost..... Yes
(H) Energy study/life-cycle analysis performed..... N/A

(2) Basis:
(A) Standard or Definitive Design: No
(B) Where Design Was Most Recently Used: NAS WILLOW

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
(A) Production of Plans and Specifications..... 130
(B) All Other Design Costs..... 100
(C) Total..... 230
(D) Contract..... 200
(E) In-House..... 30

(4) Contract Award..... 11/00

(5) Construction Start..... 12/00

(6) Construction Completion..... 05/02

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: LT ALAN BALLARD Phone No: (207) 921-2661

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N0464A	4. Command	5. Area Constr Cost Index
NAVAL EXPLOSIVE ORDNANCE DISPOSAL CENTER INDIAN HEAD MARYLAND	Naval Sea Systems Command	0.91

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 1/20/00	72	407	2,288	0	0	0	12	39	0	2,818
b. End FY 2006	42	169	2,278	0	0	0	12	39	0	2,540

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (0.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999	0.00
c.	AUTHORIZATION NOT YET IN INVENTORY	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM	6,430.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM	1,037.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS	0.00
g.	REMAINING DEFICIENCY	6,330.00
h.	**GRAND TOTAL**	**13,797.00**

8. Projects Requested in This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
216.60	JT SVC EOD EQUIP SUPT FAC	4,186 m2	6,430	01/99	05/00
	TOTAL		6,430		

9. Future Projects:

a. Included In The Following Program (FY 2002):

216.60	JT SVC EOD EQUIP MAG EVAL	179 m2	1,037
	TOTAL		1,037

b. Major Planned Next Three Years:

None

c. Real Property Maintenance Backlog ($000): $ 49,069

10. Mission Or Major Functions:

Conduct ordnance countermeasure research and development for foreign ordnance component exploitation. Life cycle manager for EOD procedures, publications and equipment to counter explosive ordnance being developed by major powers, third world countries and terrorist groups. Sole responsibility within DOD to provide the technology and equipment to counter terrorist initiated Improvised Nuclear Devices. Serve as lead for Range Clearance Program to effectively detect and clear surface/ sub-surface and underwater unexploded ordnance contamination from Government property.

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

302

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N0464A	4. Project Title
NAV EXPLOSIVE ORDNANCE DISPOSAL TECH DIV INDIAN HEAD, MARYLAND	JOINT SERVICE, EOD EQUIPMENT SUPPORT FAC

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0605851N	216.60	110	6,430

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
JOINT SERVICE, EOD EQUIPMENT SUPPORT FAC	M2	4,186	-	4,640
EOD EQUIPMENT MAINT & CERTIFICATION FAC	M2	4,186	1,041	(4,360)
TECHNICAL OPERATING MANUALS	LS	-	-	(70)
BUILT-IN EQUIPMENT (ELEVATOR)	LS	-	-	(80)
INFORMATION SYSTEMS	LS	-	-	(130)
SUPPORTING FACILITIES	LS	-	-	1,430
ELECTRICAL UTILITIES	LS	-	-	(300)
MECHANICAL UTILITIES	LS	-	-	(130)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(390)
DEMOLITION & DISPOSAL OF HAZARDOUS WASTE	LS	-	-	(610)
SUBTOTAL	-	-	-	6,070
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	6,070
Supervision Inspection & Overhead (6.0%)	-	-	-	360
TOTAL REQUEST	-	-	-	6,430
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

A two story, steel-frame building, with insulated concrete masonry exterior walls, reinforced concrete floor and spread-footing foundation, and metal standing-seam insulated roof; test and repair labs, inspection area, shipping and receiving, offices, and conference room; sprinkler fire protection and alarm systems, mechanical equipment room, canopied entrance ways and loading dock areas, elevator meeting accessibility standards, air conditioning, utilities, paving and site improvements, exterior lighting, demolition of 12 buildings with disposal of asbestos and lead paint, and technical operating manuals.

11. Requirement: 4,186 M2 Adequate: 0 M2 Substandard: 0 M2

PROJECT:

Constructs a replacement facility for the Joint Service Explosive Ordnance Disposal Equipment Support Facility.

Joint Service EOD Equipment Support Facility = 4,186 m2 = 45,058 Square Feet (Current mission)

(Continued On DD 1391C)

302

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N0464A
NAV EXPLOSIVE ORDNANCE DISPOSAL TECH DIV INDIAN HEAD, MARYLAND

4. Project Title	7. Project Number
JOINT SERVICE, EOD EQUIPMENT SUPPORT FAC	110

(...continued)

REQUIREMENT:

Adequate and properly configured facilities to house Joint Service Explosive Ordnance Disposal (EOD) logistics support including in-service engineering, acquisition/technical support, depot level repair, quality assurance testing and inspection, and spare parts stock point for all special EOD equipment of the Joint Service EOD teams of the Army, Navy, Air Force, and Marine Corps. Efficient and timely support for increasingly complex EOD equipment requires adequate engineering and maintenance work space, hydrostatic and environmental test labs, an oxygen cleaning lab, and environmentally controlled standard material staging areas. These functions are critical to maintaining readiness of EOD forces around the world and improving EOD tools and equipment to counter emerging threats.

CURRENT SITUATION:

Explosive Ordnance Disposal (EOD) military support demands are increasing across the spectrum of national security requirements. These functions are currently performed in 12 widely dispersed buildings scattered about the Naval EOD Technology Division. Only one of the facilities was designed for its present function. Inappropriate sizes, environmental conditions, configurations, and locations do not permit streamlined work processes for most efficient operation, resulting in reduced productivity, longer process times, and higher operating costs. The main facility is a converted WWII warehouse. The building contains asbestos and was partially condemned for structural failures.

IMPACT IF NOT PROVIDED:

Without this project it will be necessary to continue conducting essential EOD equipment logistics support functions in scattered, deteriorating buildings which are unable to support current and projected workload. Continued use of these buildings delays provision of certified EOD equipment and will increase the backlog of items needing repair. Economic analysis shows that the MILCON facility will improve the EODTECHDIV's efficiency resulting in projected annual savings. In addition, there are significant costs to repair and maintain current infrastructure, which will be avoided.

302

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N0464A
NAV EXPLOSIVE ORDNANCE DISPOSAL TECH DIV INDIAN HEAD, MARYLAND

4. Project Title	7. Project Number
JOINT SERVICE, EOD EQUIPMENT SUPPORT FAC	110

(...continued)

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 01/99
- (B) Date Design 35% Complete..... 03/99
- (C) Date Design Complete..... 03/01
- (D) Percent Complete As Of September 1999..... 5%
- (E) Percent Complete As Of January 2000..... 35%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... No

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used: N/A

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 382
- (B) All Other Design Costs..... 152
- (C) Total..... 534
- (D) Contract..... 495
- (E) In-House..... 39

(4) Contract Award..... 12/00

(5) Construction Start..... 03/01

(6) Construction Completion..... 08/02

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: LCDR STEVEN BERTOLACCINI Phone No: 301-743-4288

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N63043	4. Command	5. Area Constr Cost Index
NAVAL AIR STATION MERIDIAN MISSISSIPPI	Chief of Naval Education and Training	0.95

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 1/20/00	406	577	1,771	0	647	0	227	180	0	3,808
b. End FY 2006	424	416	1,784	0	577	0	227	180	0	3,608

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE	(12,427.00)	
b.	INVENTORY TOTAL AS OF 30 Sep 1998		125,290.00
c.	AUTHORIZATION NOT YET IN INVENTORY		0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM		4,700.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM		0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS		1,620.00
g.	REMAINING DEFICIENCY		39,400.00
h.	**GRAND TOTAL**		**171,010.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
211.90	T-45 SUPPORT FACILITY	3,500 m2	4,700	09/99	04/01
	TOTAL		4,700		

9. Future Projects:

a. Included In The Following Program (FY 2002):

None

b. Major Planned Next Three Years:

141.70	CONTROL TOWER	561 m2	1,620
	TOTAL		1,620

c. Real Property Maintenance Backlog ($000): $ 21,512

10. Mission Or Major Functions:

Maintain and operate facilities and provide services and materials to support operations of Aviation activities and units of the Naval Training Command. Three jet training squadrons. Naval Technical Training Center.

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

302

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N63043	4. Project Title
NAVAL AIR STATION MERIDIAN MISSISSIPPI	T-45 AIRCRAFT SUPPORT FACILITIES

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0805796N	211.90	289	4,700

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
T-45 AIRCRAFT SUPPORT FACILITIES	m2	3,500	-	3,520
SUPPLY FACILITY	m2	1,096	718	(790)
CONTROLLED HUMIDITY STORAGE	m2	446	1,320	(590)
MAGAZINE	m2	56	2,260	(130)
BOMB BUILDUP FACILITY	m2	50	2,005	(100)
TRAINER BUILDING MODIFICATIONS	m2	900	1,139	(1,030)
HANGER SPACE MODIFICATIONS	m2	348	833	(290)
FIELD CALIBRATION FACILITY	m2	186	1,075	(200)
INERT STORAGE	m2	418	770	(320)
TECHNICAL OPERATING MANUALS	LS	-	-	(70)
SUPPORTING FACILITIES	LS	-	-	910
CO2 DETECTION & VENTILATION	LS	-	-	(40)
HOLD BACK FITTING	LS	-	-	(200)
ELECTRICAL UTILITIES	LS	-	-	(280)
MECHANICAL UTILITIES	LS	-	-	(300)
SITE IMPROVEMENTS	LS	-	-	(90)
SUBTOTAL	-	-	-	4,430
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	4,430
Supervision Inspection & Overhead (6.0%)	-	-	-	270
TOTAL REQUEST	-	-	-	4,700
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

Construct a supply warehouse with controlled humidity storage, inert storage, magazine, MK-76 practice bomb build up facility, conversion of Operational Training to Academic Instruction, installation of C02 detection and ventilation, installation of "Pead Man" device and Hold Back Fitting at Jet Engine Test Cell, field calibration facility, modify existing hangar space, electrical and mechanical utilities, heating, ventilation, air conditioning (HVAC) systems, technical operating manuals, and site improvements.

(Continued On DD 1391C)

302

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N63043
NAVAL AIR STATION MERIDIAN MISSISSIPPI

4. Project Title	7. Project Number
T-45 AIRCRAFT SUPPORT FACILITIES	289

(...continued)

11. Requirement: 3,500 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

Construct facilities required to support 90 T-45 aircraft.

T-45 Aircraft Support Facilities = 3,500 m2 = 37,674 Square Feet
Supply Facility = 1,096 m2 = 11,797 Square Feet
Controlled Humidty Storage = 446 m2 = 4,801 Square Feet
Magazine = 56 m2 = 603 Square Feet
Bomb Buildup Facility = 50 m2 = 538 Square Feet
Trainer Building Modifications = 900 m2 = 9,688 Square Feet
Hangar Space Modifications = 348 m2 = 3,746 Square Feet
Field Calibration Facility = 186m2 = 2,002 Square Feet
Inert Storage = 418 m2 = 4,499 Square Feet (Current mission)

REQUIREMENT:

Additional support facilities are required to support the planned increase from 19 to 90 T-45 Aircraft at Naval Air Station (NAS) Meridian.

CURRENT SITUATION:

The existing warehouse and ordnance facilities are too small to support the new aircraft. Adequate classroom space for pilot training is not currently available for the flight operations area. Existing facilities are inadequate to support additional T-45 Aircraft.

IMPACT IF NOT PROVIDED:

Naval Air Station Meridian will not have the facilities required to support a quantity of 90 T-45 aircraft. A slower turnaround time in maintenance and service of the aircraft will directly affect student Naval Aviator Training throughput.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
(A) Date Design Started..... 09/99

302

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N63043
NAVAL AIR STATION MERIDIAN MISSISSIPPI

4. Project Title	7. Project Number
T-45 AIRCRAFT SUPPORT FACILITIES	289

(...continued)

(B) Date Design 35% Complete..... 12/99
(C) Date Design Complete..... 04/01
(D) Percent Complete As Of September 1999..... 5%
(E) Percent Complete As Of January 2000..... 35%
(F) Type of Design Contract..... Design Build
(G) Parametric Estimate used to develop cost..... Yes
(H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:
(A) Standard or Definitive Design: No
(B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
(A) Production of Plans and Specifications..... 440
(B) All Other Design Costs..... 220
(C) Total..... 660
(D) Contract..... 580
(E) In-House..... 80

(4) Contract Award..... 11/00

(5) Construction Start..... 02/01

(6) Construction Completion..... 11/01

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: LCDR MIKE DOLAN Phone No: 601-679-2417

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N60478	4. Command	5. Area Constr Cost Index
NAVAL WEAPONS STATION EARLE COLTS NECK, NEW JERSEY	Naval Sea Systems Command	1.21

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 1/20/00	191	2,346	1,621	0	0	0	12	333	0	4,503
b. End FY 2006	174	2,382	2,735	0	0	0	19	421	0	5,731

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (11,118.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999	204,810.00
c.	AUTHORIZATION NOT YET IN INVENTORY	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM	2,420.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM	50,903.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS	38,770.00
g.	REMAINING DEFICIENCY	146,390.00
h.	**GRAND TOTAL**	**443,293.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Complete
740.67	RECREATION CENTER	1,279 m2	2,420	09/99	07/00
	TOTAL		2,420		

9. Future Projects:

a. Included In The Following Program (FY 2002):

148.25	EXPLS TRUCK HOLDING YARDS	13,187 m2	3,727
151.20	BERTHING PIER REPL (PH I)	15,750 SY	47,176
	TOTAL		50,903

b. Major Planned Next Three Years:

151.20	PIER REPLACEMENT (PH II)	15,750 SY	38,770
	TOTAL		38,770

c. Real Property Maintenance Backlog ($000): $ 24,358

10. Mission Or Major Functions:

Receive, renovate, maintain, store, and issue ammunition, explosives, expendable ordnance items, weapons, and technical ordnance material. Maintain basic and war reserve ammunition stocks. Act as overseas ammunition transshipment point for Armed Forces. Conduct RDT&E in-service engineering and fleet support for packaging, handling, storage, and transportation of ammunition. Provide logistics and port terminal services in support of homeported ammunition ships.

(Continued On DD 1390C)

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N60478	4. Command	5. Area Constr Cost Index
NAVAL WEAPONS STATION EARLE COLTS NECK, NEW JERSEY	Naval Sea Systems Command	1.21

(...continued)

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

308

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N60478	4. Project Title
NAVAL WEAPONS STATION EARLE, NEW JERSEY	RECREATION CENTER

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0702096N	740.67	999	2,420

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
RECREATION CENTER	M2	1,279	1,627	2,080
SUPPORTING FACILITIES	LS	-	-	200
ELECTRICAL UTILITIES	LS	-	-	(40)
MECHANICAL UTILITIES	LS	-	-	(40)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(120)
SUBTOTAL	-	-	-	2,280
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	2,280
Supervision Inspection & Overhead (6.0%)	-	-	-	140
TOTAL REQUEST	-	-	-	2,420
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

Permanent structure of brick and block cavity wall on a concrete slab with a standing seam metal roof on a steel structure. The facility has a food court, kitchen, bar, game room, TV/movie/dance floor/training room, Cybernet Cafe, bathrooms, offices, storage, janitorial, mechanical air and heat, utilities, fire protection, and information systems. Site improvements include a deck, sidewalks and curbs, 20 car asphalt parking lot and driveways, lighting signals, and landscaping. Access will be via existing roadways.

11. Requirement: 1,279 M2 **Adequate:** 0 M2 **Substandard:** 352 M2

PROJECT:

Construct a new waterfront cafe and recreation complex to provide additional recreational activities at NWS Earle in New Jersey.

Recreation Center: 1,279 m2 = 13,767 Square Feet (Current mission)

REQUIREMENT:

Adequate facilities are required to provide a recreational complex on NWS Earle's waterfront. NWS Earle's waterfront is homeport to four fast combat support ships (AOE class), and each has a complement of 650

(Continued On DD 1391C)

308

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N60478
NAVAL WEAPONS STATION EARLE, NEW JERSEY

4. Project Title	7. Project Number
RECREATION CENTER	999

(...continued)
sailors.

CURRENT SITUATION:

On October 8, 1998 the Pier 5 Club, located on the waterfront of NWS Earle, burned to the ground. The facility provided breakfast, lunch, and dinner food service and catering; a bar; and a game room with three pool tables and twenty arcade games. Occupancy levels for the facility averaged 300 people inside plus 300 on the outside patio during warm weather months. When ships were in port, the facility had waiting lines for entry in the evening. Because of the remote location of the Earle Piers, use of commercial facilities is not feasible.

IMPACT IF NOT PROVIDED:

The waterfront population will not have adequate food, beverage, and recreation facilities. Restaurant food service would be limited to the sandwich shop and a snack bar at the temporary facility. Neither is large enough to handle the average waterfront population.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 09/99
- (B) Date Design 35% Complete..... 12/99
- (C) Date Design Complete..... 07/00
- (D) Percent Complete As Of September 1999..... 10%
- (E) Percent Complete As Of January 2000..... 50%
- (F) Type of Design Contract..... Design/Bid/Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... No

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used: N/A

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 120

308

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N60478
NAVAL WEAPONS STATION EARLE, NEW JERSEY

4. Project Title	7. Project Number
RECREATION CENTER	999

(...continued)

(B) All Other Design Costs..... 60
(C) Total..... 180
(D) Contract..... 160
(E) In-House..... 20

(4) Contract Award..... 11/00

(5) Construction Start..... 12/00

(6) Construction Completion..... 05/02

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: LCDR STEVE CHALLEEN Phone No: 732-577-2386

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00
3. Installation and Location/UIC: M67001	4. Command	5. Area Constr Cost Index
MARINE CORPS BASE CAMP LEJEUNE NORTH CAROLINA	Commandant of the Marine Corps	0.94

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 6/30/99	125	1,097	1,603	333	6,891	0	2,005	24,839	3,118	40,011
b. End FY 2006	124	1,022	1,602	333	6,982	0	2,483	28,175	3,055	43,776

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (127,507.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999	924,720.00
c.	AUTHORIZATION NOT YET IN INVENTORY	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM	41,870.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM	13,408.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS	102,562.00
g.	REMAINING DEFICIENCY	351,330.00
h.	**GRAND TOTAL**	**1,433,890.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Complete
143.41	AMPHIB OPERS/MAINT COMPLEX	5,315 m2	9,500	08/99	10/00
441.12	OPS MAINT STORAGE FAC	3,007 m2	3,650	08/99	11/00
740.74	CHILD DEVELOPMENT CENTER	2,396 m2	4,420	09/98	06/00
143.45	ARMORIES	8,855 m2	10,000	06/99	07/01
721.11	BEQ	8,500 m2	14,300	07/99	04/01
	TOTAL		41,870		

9. Future Projects:

a. Included In The Following Program (FY 2002):

740.43	PYHSICAL FITNESS CENTER	1,970 m2	3,954
214.51	ENGR EQUIP MAINT SHOP	42,225 SF	6,661
214.53	MAINT SHOP/UTIL PLATOON	6,140 SF	2,793
	TOTAL		13,408

b. Major Planned Next Three Years:

179.40	RETS RANGE	0 LS	3,382
179.40	RETS EQ INSTALL MPMG,SR8	0 LS	5,021
171.20	SIM MARKSMANSHIP TRAINING	11,148 m2	7,828
* 833.15	LANDFILL CELL	0 LS	6,537
179.50	FIELD TRAINING FACILITIES	18,836 SF	3,222
171.10	RANGE INSTRUMENTATION FAC	0 LS	1,225

(Continued On DD 1390C)

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M67001	4. Command	5. Area Constr Cost Index
MARINE CORPS BASE CAMP LEJEUNE NORTH CAROLINA	Commandant of the Marine Corps	0.94

(...continued)

721.11	BEQ	0	LS	16,674
721.11	BEQ	0	LS	13,931
721.11	BACHELOR ENLISTED QUARTERS	0	LS	14,374
171.10	ACADEMIC BUILDING	0	LS	12,151
214.51	COMBAT VEH MAINT SHOP	30,956	SF	6,263
721.11	BACHELOR ENLISTED QUARTERS	120,240	SF	8,846
214.53	ENGINEERING EQUIP SHOP	56,140	SF	3,108
	TOTAL			102,562

c. Real Property Maintenance Backlog ($000): $ 92,100

10. Mission Or Major Functions:

Provide housing, training facilities, logistics support, and certain administrative support for Fleet Marine Force units and other units assigned. Conduct specialized schools for other training as directed.

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $6,537

b. Occupational Safty And Health (OSH) (#): $0

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M67001	4. Project Title
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA	AMPHIBIOUS OPS/MAINT/STORAGE COMPLEX

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0206496M	143.41	019	9,500

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
AMPHIBIOUS OPS/MAINT/STORAGE COMPLEX	m2	5,315	-	4,840
AMPHIBIOUS OPERATIONS/MAINTENANCE COMPLEX	m2	2,322	1,195	(2,770)
COVERED AND HAZMAT STORAGE	m2	2,947	623	(1,840)
FUEL BLADDER STORAGE	LS	-	-	(50)
ARMORY	m2	46	1,341	(60)
BUILT-IN EQUIPMENT	LS	-	-	(120)
SUPPORTING FACILITIES	LS	-	-	4,120
BOAT RAMP	LS	-	-	(100)
PIER/BERTHING	LS	-	-	(1,100)
VEH/BOAT WASHRACK AND FUELING FACILITY	LS	-	-	(190)
GRIT CHANGER/OIL WATER SEPARATOR	LS	-	-	(30)
FUEL STORAGE	LS	-	-	(250)
ELECTRICAL UTILITIES	LS	-	-	(250)
MECHANICAL UTILITIES	LS	-	-	(80)
PAVING AND SITE IMPROVEMENTS, AND DEMOLITION	LS	-	-	(2,070)
FORCE PROTECTION	LS	-	-	(50)
	LS	-	-	-
SUBTOTAL	-	-	-	8,960
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	8,960
Supervision Inspection & Overhead (6.0%)	-	-	-	540
TOTAL REQUEST	-	-	-	9,500
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	157

10. Description of Proposed Construction

Steel frame and masonry building with concrete foundation and floor slab, steel joist with steel deck roof and partial steel beam and concrete deck roof, grading, paving, boat ramp, pier, fueling facility, mechanical and electrical work to include all utility connections, pollution abatement features, wash aprons, paint booth, covered boat and hazardous materiel storage, a bridge crane, fencing, and force protection features.

(Continued On DD 1391C)

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M67001
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA

4. Project Title	7. Project Number
AMPHIBIOUS OPS/MAINT/STORAGE COMPLEX	019

(...continued)

11. Requirement: 5,315 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

Constructs an Amphibious Operations/Maintenance/Storage Complex with direct water access for the Small Craft Company, Headquarters Battalion, 2d Marine Division, MCB Camp Lejeune, NC.

Amphibious Ops/Maint/Storage Complex = 5,315 m2 = 57,210 Square Feet
Amphibious Operatioons/Maintenance Complex = 2,322 m2 = 24,994 Square Feet
Covered and Hazard Material Storage = 2,947 m2 = 31,721 Square Feet
Armory - 46 m2 = 495 Square Feet (Current mission)

REQUIREMENT:

A consolidated and adequate amphibious operations, maintenance, and storage complex with direct water access is required to support the mission requirements of the Second Marine Division's Small Craft Company.

CURRENT SITUATION:

In February 1997, the II MEF Special Operations Training Group (SOTG) was reorganized to better support the Marine Corps Riverine Operations mission. The Small Craft Company (SCC) currently supporting this mission works out of four WWII-era wooden mule stables located in the industrial district of Camp Lejeune. Currently, the SCC has no direct water access and thus must tow their Raider Crafts several miles through busy mainside Camp Lejeune streets to either the recreational ramp at Gotttschalk Marina and launch as opportunity permits, or travel 8 miles to Courthouse Bay and share with the Amphibious Assault Vehicles Battalion. No piers exist that will allow the docking of watercraft for extended periods, so the boat company is forced to be "land-based" at all times. The existing facilities in the industrial district are insufficient in size to properly and safely repair, maintain, and store the unit's equipment and vehicles. Areas required for special maintenance functions do not exist (such as fiberglass repair, painting, marine engine repair). The Company's 17 Riverine Assault Crafts (RACs), 65 Rigid Raider Crafts (RRCs), 80 Zodiacs (rubber boats), 14 five-ton trucks, 17 Humvees, multiple trailors, motors, and equipment are mostly stored outside in the corrosive salt air environment under tarps. In addition, since most of the craft are too large to fit into the limited designated maintenance areas, work is usually performed outside. Finally, the rubber Zodiacs, because they are

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M67001
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA

4. Project Title	7. Project Number
AMPHIBIOUS OPS/MAINT/STORAGE COMPLEX	019

(...continued)

so pilferable, must be deflated (against recommended procedure) and be folded small enough to fit into the limited available storage space. This causes rapid deterioration and increases the time required to prepare the boats for operations and training.

IMPACT IF NOT PROVIDED:

Without consolidated facilities with water access that can provide adequate space for operations, maintenance, and storage, the 2d Marine Division Small Craft Company's combat readiness to perform the Riverine mission will continue to be severely degraded. The Small Craft Company will continue to spend an inordinate amount of time trying to maintain equipment in facilities inadequate to the task and transporting craft from the mainside base industrial area through traffic to piers miles away that have limited access. These logistics interruptions will continue to impact the opportunity and time available to train or to perform the Riverine mission.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 08/99
- (B) Date Design 35% Complete..... 01/00
- (C) Date Design Complete..... 10/00
- (D) Percent Complete As Of September 1999..... 5%
- (E) Percent Complete As Of January 2000..... 35%
- (F) Type of Design Contract..... Design/Bid/Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used: N/A

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 605
- (B) All Other Design Costs..... 302
- (C) Total..... 907

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M67001
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA

4. Project Title	7. Project Number
AMPHIBIOUS OPS/MAINT/STORAGE COMPLEX	019

(...continued)

(D) Contract..... 806
(E) In-House..... 101

(4) Contract Award..... 02/01

(5) Construction Start..... 03/01

(6) Construction Completion..... 12/02

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Collateral Equipment	O&M,MC	2002	157

Activity POC: Larry Brant Phone No: (910) 451-1833

304

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M67001	4. Project Title
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA	OPERATIONS/ MAINTENANCE/STORAGE FACILITY

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0206496M	441.12	118	3,650

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
OPERATIONS/ MAINTENANCE/STORAGE FACILITY	m2	3,007	-	2,650
COMMUNICATIONS/ELECTRONICS STORAGE	m2	2,452	636	(1,560)
VEHICLE MAINTENANCE SHOP WHEELED	m2	163	1,572	(260)
OPERATIONS AREA	m2	278	1,560	(430)
ELEC/COMM TESTING OPERATIONS	m2	114	1,741	(200)
BUILT-IN EQUIPMENT	LS	-	-	(180)
TECHNICAL OPERATING MANUALS	LS	-	-	(20)
SUPPORTING FACILITIES	LS	-	-	790
ELECTRICAL UTILITIES	LS	-	-	(140)
MECHANICAL UTILITIES	LS	-	-	(70)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(320)
FORCE PROTECTION	LS	-	-	(70)
DEMOLITION	LS	-	-	(190)
SUBTOTAL	-	-	-	3,440
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	3,440
Supervision Inspection & Overhead (6.0%)	-	-	-	210
TOTAL REQUEST	-	-	-	3,650
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	149

10. Description of Proposed Construction

Single story, steel frame building with walls of brick veneer on Concrete Masonry Unit (CMU) backup, concrete foundation and floor, standing seam metal roof, building insulation, air conditioning, dehumidified storage area, fire protection and alarm systems, telephone, utilities, paving and site improvements. Demolish five buildings.

11. Requirement: 3,007 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

Constructs an operations, maintenance, and storage facility for the 8th Communications Battalion, 2d Marine Division, MCB Camp Lejeune, NC.

Operations/Maintenance/Storage Facility = 3,007 m2 = 32,367 Square Feet
Communications/Electronics Storage = 2,452 m2 = 26,393 Square Feet
Vehicle Maintenance Shop Wheeled = 163 m2 = 1,755 Square Feet

(Continued On DD 1391C)

304

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M67001
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA

4. Project Title	7. Project Number
OPERATIONS/ MAINTENANCE/STORAGE FACILITY	118

(...continued)

Operations Area = 278 m2 = 2,992 Square Feet
Elec/Comm Testing Operations = 114 m2 = 1,227 Square Feet (Current mission)

REQUIREMENT:

Provide an adequate operations, maintenance, and storage facility for the 8th Communications Battalion at MCB Camp Lejeune, NC to accommodate the personnel and equipment of three Direct Support Communications Companies (150 Marines each). Each D/S Company's table of equipment includes digital radios, 10-20 foot radio/communications military vans, 100 radio Humvees, tactical telephones, cryptographic items, field wiring harnesses, and organizational (1st and 2nd echelon) test equipment. The 8th Comm Bn's mission is to provide intermediate maintenance to communications electronic equipment (to include satellite systems computers) and organic cryptographic software storage and hardware repair capability.

CURRENT SITUATION:

The 8th Communications Battalion currently occupies five inadequate buildings. Constructed between 1948 and 1952 as warehouses, these buildings lack sufficient utilities, electrical power, and space to support the mission requirements of the three Direct Support Companies.

The existing 8th Communications Battalion buildings have no heating, air-conditioning, or plumbing. Consequently, Marines endure the high humidity, over 90 degree North Carolina summers with only floor fans and relaxed uniform rules (PT gear) providing respite. The excess humidity also causes a serious corrosive environment around sensitive electronic equipment that requires the Marines to do three times more maintenance than normal. In the winter, Marines must use kerosene space heaters to curb the freezing temperatures. With no plumbing, the 8th Comm Bn must use "Port-A-Jon" outdoor restroom facilities (3 servicing 450 Marines), a tactical water bull for drinking water, and a garden hose for washing requirements.

Additionally, the building's lack of sufficient electrical power (buildings are wired with 110V vice the required 3-phase 208V) force the 8th Comm Bn to maintain radio equipment and to train Marines outdoors in a parking lot using tactical generators. The limited power supply significantly slows maintenance production and overburdens tactical generators that are made for field vice garrison use. When indoor repair

304

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M67001
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA

4. Project Title	7. Project Number
OPERATIONS/ MAINTENANCE/STORAGE FACILITY	118

(...continued)

of especially sensitive gear is required, the Battalion must borrow maintenance space from other base units who have adequate power sources.

Finally, the limited space in the existing facilities, combined with the requirement to securely store all communications gear, forces the 8th Comm Bn to sacrifice operational training and maintenance spaces for storage. Marines must cram Company communications gear on the few available shelves or stack equipment in numerous embarkation boxes throughout the complex. This adversely impacts equipment readiness, especially during inclement weather, because lack of indoor maintenance space complicates and delays repair and training operations. Current facilities also have no indoor space to maintain the 8th Comm Bn's large fleet of tactical vehicles.

IMPACT IF NOT PROVIDED:

The 8th Comm Bn will continue to operate in inadequate facilities that do not have the electrical power, climate control, or plumbing to meet minimum quality of work standards. This situation will continue to impair the 8th Comm Bn's ability to effectively perform their mission. High humidity will continue to promote premature deterioration of electronic components and will increase costs of maintenance for these items. Marines will continue to use kerosene heaters, port-o-Jon's, and contracted bottled water for warmth, hygiene, and hydration.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 08/99
- (B) Date Design 35% Complete..... 01/00
- (C) Date Design Complete..... 11/00
- (D) Percent Complete As Of September 1999..... 5%
- (E) Percent Complete As Of January 2000..... 35%
- (F) Type of Design Contract..... Design/Bid/Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:
- (A) Standard or Definitive Design: No

304

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M67001
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA

4. Project Title	7. Project Number
OPERATIONS/ MAINTENANCE/STORAGE FACILITY	118

(...continued)

(B) Where Design Was Most Recently Used: N/A

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 232
- (B) All Other Design Costs..... 116
- (C) Total..... 348
- (D) Contract..... 310
- (E) In-House..... 38

(4) Contract Award..... 03/01

(5) Construction Start..... 04/01

(6) Construction Completion..... 06/02

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Collateral Equipment	O&M,MC	2002	149

Activity POC: Larry Brant Phone No: (910) 451-1833

308

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M67001	4. Project Title
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA	CHILD DEVELOPMENT CENTER

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0206496M	740.74	124	4,420

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
CHILD DEVELOPMENT CENTER	m2	2,396	-	3,260
BUILDING	m2	2,396	1,340	(3,210)
TECHNICAL OPERATING MANUALS	LS	-	-	(50)
SUPPORTING FACILITIES	LS	-	-	910
ELECTRICAL UTILITIES	LS	-	-	(70)
MECHANICAL UTILITIES	LS	-	-	(150)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(640)
FORCE PROTECTION	LS	-	-	(50)
SUBTOTAL	-	-	-	4,170
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	4,170
Supervision Inspection & Overhead (6.0%)	-	-	-	250
TOTAL REQUEST	-	-	-	4,420
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	322

10. Description of Proposed Construction

One-story facility with a foundation of concrete spread footings, masonry walls, steel framing, concrete floors, a standing seam roof, fire protection system, security lighting and other force protection features, closed circuit television, air conditioning, fenced-in playground with playground equipment and storage building, kitchen and laundry areas, classrooms, offices, toilets, storage spaces, utilities, and paving and site improvements. The interior will be finished with a combination of vinyl/quarry tile, carpet, painted concrete masonry unit walls, accoustical tile, gypsum board, and suspended ceilings.

11. Requirement: 2,396 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:
Construct a Child Development Center (CDC) for 305 children and eliminate one relocatable trailer complex.

Child Development Center = 2,396 m2 = 25,790 Square Feet (Current mission)

REQUIREMENT:

(Continued On DD 1391C)

308

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M67001
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA

4. Project Title	7. Project Number
CHILD DEVELOPMENT CENTER	124

(...continued)

Provide an adequate Child Development Center that meets safety and size requirements for use by active duty military personnel at Marine Corps Base (MCB) Camp Lejeune, NC. The Marine Corps' primary east coast training site, MCB Camp Lejeune supports over 40,000 military personnel with over 56,000 dependents. The base manages its considerable child care requirements through the full use of several means: a private on-base military child care center, an in-home program, two on-base military child development centers, and off-base private facilities. The Family Child Care Program trains and manages about 90 in-home providers who care for about 475 children. The in-home program, while a viable alternative, is limited by a high turnover of providers, the need to constantly train new replacements, the higher expense, and the difficulty in tracking quality of care. Off-base facilities in the City of Jacksonville are available but not as desirable as on-base programs because of significant disparities in quality of care, location, and expense. Unlike military CDC's, which are held to rigorous Department of Defense standards, North Carolina private child care centers are not required to be nationally accredited, allow much higher ratios of children to providers, and experience high turnovers of providers who are paid only minimum wages. Off-base centers also pose an inconvenience to the large number of Marines who live in military family housing areas and must drive off the base to deliver and pick-up their children. Additionally, off-base centers are significantly more expensive to use. For example, a junior enlisted Marine would have to pay $337/month for off-base care versus the $208/month charged on base.

CURRENT SITUATION:

Currently, MCB Camp Lejeune has a requirement to provide on-base child development center care for 599 children, but it only has adequate facilities to provide care for 174 children through the use of the private Officer Wive's facility (94 children) and the Brewster CDC (80 children). A third CDC, which this MILCON project will replace, consists of a temporary complex of leased relocatable facilities located in the Tarrawa Terrace family housing area. This CDC currently handles 270 children and has a waiting list of 145. The leased CDC was opened as an interim measure after a contracted fire protection and safety survey conducted in 1994 by the Science Applications International Corporation (SAIC) closed inadequate child development centers at Tarrawa Terrace and Midway Park due to uncorrectable facility deficiencies. Not intended for permanent use, the trailors have a relatively short life expectancy (5-7 years) and already require significant maintenance due to deterioration. Walkways are warped and require daily re-nailing. Window molding is falling apart,

308

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M67001
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA

4. Project Title	7. Project Number
CHILD DEVELOPMENT CENTER	124

(...continued)

base boards will not stay glued, and toilets overflow constantly. Rooms are improperly configured for child care and the center court area is a swamp. The facility does not meet Disabilities Act criteria. The sprinkler system pipes are corroded, the roof leaks, parking is inadequate, and door locks, handles, closures, and faucets break regularly. There is also insufficient space for adequate food preparation, classrooms, playgrounds, handicapped ramps, and parking.

IMPACT IF NOT PROVIDED:

Existing on-base Child Development Centers will continue to operate out of inadequate, interim relocatable facilities at full capacity with long waiting lists and will be unable to provide services to many eligible children. Military families will have to continue to use lesser quality and more expensive off-base facilities. Lack of adequate CDCs will continue to degrade the morale and quality of life of eligible military families.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 09/98
- (B) Date Design 35% Complete..... 02/00
- (C) Date Design Complete..... 06/00
- (D) Percent Complete As Of September 1999..... 5%
- (E) Percent Complete As Of January 2000..... 20%
- (F) Type of Design Contract..... Design/Bid/Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used: NEW RIVER

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 281
- (B) All Other Design Costs..... 141
- (C) Total..... 422

308

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M67001
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA

4. Project Title	7. Project Number
CHILD DEVELOPMENT CENTER	124

(...continued)

(D) Contract..... 375
(E) In-House..... 47

(4) Contract Award..... 11/00

(5) Construction Start..... 12/00

(6) Construction Completion..... 01/02

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Collateral Equipment	O&M,MC	2002	322

Activity POC: Larry Brant Phone No: (910) 451-1833

307

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M67001	4. Project Title
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA	BACHELOR ENLISTED QUARTERS (COURTHOUSE)

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0206496M	721.11	159A	14,300

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
BACHELOR ENLISTED QUARTERS (COURTHOUSE)	m2	8,500	-	11,850
BUILDING	m2	8,500	1,378	(11,710)
TECHNICAL OPERATING MANUALS	LS	-	-	(50)
INFORMATION SYSTEMS	LS	-	-	(90)
SUPPORTING FACILITIES	LS	-	-	1,640
SPECIAL FOUNDATION FEATURES	LS	-	-	(200)
ELECTRICAL UTILITIES	LS	-	-	(430)
MECHANICAL UTILITIES	LS	-	-	(450)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(430)
FORCE PROTECTION	LS	-	-	(130)
SUBTOTAL	-	-	-	13,490
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	13,490
Supervision Inspection & Overhead (6.0%)	-	-	-	810
TOTAL REQUEST	-	-	-	14,300
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	1,935

10. Description of Proposed Construction

Multi-story reinforced concrete frame building with 200 "2x0" rooms with semi-private bathrooms and walk-in closets, cable TV (CATV) and telephone communications cabling, recreation and service areas, laundry, fire protection system, air-conditioning, utilities, technical operating manuals, exterior walkways, grade beams pile caps, pile foundations, interior and exterior masonry walls, asphalt shingle roofing, exterior equipment washdown area, outside vehicle/equipment staging area, flexible parking, force protection features, storm water detention pond, and paving and site improvements.
Maximum utilization: 400 E1-E3; Intended Grade Mix: 246 E1-E3; 77 E4-E5; Total: 323.

11. Requirement: 1,893 PN Adequate: 778 PN Substandard: 0 PN

PROJECT:
Constructs a "2x0" bachelor enlisted quarters with 200 rooms for permanent party enlisted personnel at Courthouse Bay on Marine Corps Base (MCB) Camp Lejeune, NC.

(Continued On DD 1391C)

307

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M67001
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS (COURTHOUSE)	159A

(...continued)

Bachelor Enlisted Quarters = 8,500 m2 = 91,493 Square Feet (Current mission)

REQUIREMENT:

Adequate and modern bachelor housing which meets quality of life standards for permanent party enlisted personnel at Courthouse Bay on MCB Camp Lejeune.

CURRENT SITUATION:

Because of Hurricane Fran damage in 1996, enlisted personnel from the Reconnaissance Battalion (Recon Bn) previously located on Onslow Beach lost their barracks and work spaces. The Reconnaissance Battalion's work spaces were relocated to Courthouse Bay, a subcamp within the greater MCB Camp Lejeune area. However, with a BEQ requirement of 1,893 persons and only adequate space for 778 Marines, Courthouse Bay was unable to accommodate the billeting requirements of the Recon Bn Marines. Consequently, the Recon Bn's enlisted Marines were relocated to inadequate barracks in the French Creek area 12 miles from their work areas at Courthouse Bay. Recon Bn Marines now live 4 Marines to a room in three buildings built in 1968 and 1970 as 3 man rooms. These buildings, which do not meet current DoD functional space or design criteria, also have inadequate ventilation, exhaust, communications wiring, and roofs. In addition to the excessive transportation costs, efficiency losses, and degraded quality of life experienced from billeting these troops in crowded facilities far from their unit location, the Recon Bn's presence in the French Creek barracks only further exacerbates French Creek's barracks deficiencies.

IMPACT IF NOT PROVIDED:

Enlisted Marines from the Reconnaissance Battalion will continue to live in overcrowded, inadequate French Creek area barracks while traveling 24 miles round trip to Courthouse Bay for work every day.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190,

307

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M67001
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS (COURTHOUSE)	159A

(...continued)

Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 07/99
- (B) Date Design 35% Complete..... 02/00
- (C) Date Design Complete..... 04/01
- (D) Percent Complete As Of September 1999..... 30%
- (E) Percent Complete As Of January 2000..... 60%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used: DSGN BUILD

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 850
- (B) All Other Design Costs..... 430
- (C) Total..... 1280
- (D) Contract..... 1140
- (E) In-House..... 140

(4) Contract Award..... 11/00

(5) Construction Start..... 05/01

(6) Construction Completion..... 08/02

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Collateral Equipment	O&M,MC	2002	1935

C. FY 1999 Unacccompanied Housing Real Property Maint Conducted ($000)
4600

D. FY 2000 Unacccompanied Housing Real Property Maint Conducted ($000)
15800

E. Future Unacccompanied Housing Real Property Maint. Requirements ($000)

307

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M67001
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS (COURTHOUSE)	159A

(...continued)
30000
Activity POC: Larry Brant Phone No: (910) 451-1833

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M67001	4. Project Title
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA	ARMORIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0206496M	143.45	150	Auth 14,000 Appr 10,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
ARMORIES	m2	8,855	-	9,550
2ND MARINES	m2	1,575	1,003	(1,580)
6TH MARINES	m2	1,575	1,003	(1,580)
8TH MARINES	m2	1,575	1,003	(1,580)
10TH MARINES	m2	1,450	1,009	(1,460)
AMPHIBIOUS ASSAULT VEHICLE BATTALION	m2	726	1,082	(790)
HEADQUARTERS BATTALION	m2	611	1,103	(670)
2ND COMBAT ENGINEER BATTALION	m2	524	1,124	(590)
COVERED CLEANING AREA	m2	819	723	(590)
BUILT-IN EQUIPMENT	LS	-	-	(530)
TECHNICAL OPERATING MANUALS	LS	-	-	(110)
INFORMATION SYSTEMS	LS	-	-	(70)
SUPPORTING FACILITIES	LS	-	-	3,660
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(180)
ELECTRICAL UTILITIES	LS	-	-	(480)
MECHANICAL UTILITIES	LS	-	-	(210)
ROADS, PARKING, AND SIDEWALKS	LS	-	-	(800)
SITE IMPROVEMENTS	LS	-	-	(560)
FORCE PROTECTION	LS	-	-	(1,070)
DEMOLITION	LS	-	-	(360)
SUBTOTAL	-	-	-	13,210
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	13,210
Supervision Inspection & Overhead (6.0%)	-	-	-	790
SUBTOTAL	-	-	-	14,000
AMT FUNDED W/ PRIOR YR UNOBLIGATED BALANCE	LS	-	-	-4,000
TOTAL REQUEST	-	-	-	10,000
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	2,450

10. Description of Proposed Construction

Armory facilities of reinforced concrete with masonry walls and exterior covered weapons cleaning areas. Structural walls shall be supported on spread footing, with a concrete slab on grade floor. The interior walls

(Continued On DD 1391C)

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M67001
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA

4. Project Title	7. Project Number
ARMORIES	150

(...continued)
will consist of solid concrete masonry units and provide each armory with a separate IDS system, dehumidification system, concrete floors, built-up roofing, fire protection, security fencing and lighting, compressed air, utility connections and telephones, parking, paving, and site improvements. Demolition of 15 buildings.

11. Requirement: 8,855 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:
Consolidates and replaces four regimental armories and three battalion armories for the 2nd Marine Division and demolishes 15 buildings.

Armories = 8,256 m2 = 88,867 Square Feet
2nd Marines = 1,575 m2 = 16,953 Square Feet
6th Marines = 1, 575 m2 = 16,953 Square Feet
8th Marines = 1,575 m2 = 16,953 Square Feet
10th Marines = 1,450 m2 15,608 Square Feet
Amphibious Assault Vehicle battalion = 726 m2 = 7,815 Square Feet
Headquarters Battalion = 611 m2 = 6,577 Square Feet
Covered Cleaning Area = 744 m2 = 8,008 Square Feet (Current mission)

REQUIREMENT:

Adequate consolidated armories for 2d Marine Division infantry regiments, artillery regiment, Amphibious Assault Battalion, Headquarters Battalion and Combat Engineer Battalion to secure, preserve, and maintain crew served weapons, small arms, and optical/night vision equipment.

CURRENT SITUATION:

The 2d Marine Division's crew served weapons (rifles, pistols, machine guns, mortars, night vision equipment, etc.) are currently stored in fifteen widely dispersed 1940's vintage buildings that were originally constructed as warehouses. Converted to armories in 1987, these buildings are deteriorated, undersized, not environmentally controlled, do not meet physical security requirements, and are not all located near the units they serve. Currently, 2d Division's armories have equipment stacked to the ceilings and in every available space. The overcrowded conditions inside the armories make it extremely difficult for armorers to maintain, preserve, and safely store the weapons. Additionally, non-environmentally controlled spaces in the high humidity, salt-air climate of North Carolina makes fighting corrosion a constant battle and diminishes the life expectancy and readiness of the Division's weapons. Extra security

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M67001
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA

4. Project Title	7. Project Number
ARMORIES	150

(...continued)

measures which include 24 hour armed guards 365 days a year are also required due to the inadequate structural composition of these former warehouses. The buildings, which have only 8 inch thick brick walls with gypsum board or suspended ceilings attached to wooden trusses and plywood roofs, fail to meet minimum design standards for armories and cannot be economically renovated to meet current physical security requirements. In addition, because of real estate limitations, 2d Marine Division is operating under an exception to OPNAV security requirements for armory clear zones inside and outside of their current fence lines. Finally, the fifteen armories that serve the 2d Marine Division are scattered throughout the division area and many are not near the units they support. Without consolidated, properly constructed armory facilities, large numbers of personnel are required to staff and guard the existing facilities.

IMPACT IF NOT PROVIDED:

The 2nd Marine Division will continue to secure, maintain, and preserve its crew served weapons in inadequate, undersized, and scattered facilities that lack environmental control and cannot meet physical security requirements without 24 hour armed guards.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 06/99
- (B) Date Design 35% Complete..... 09/99
- (C) Date Design Complete..... 07/01
- (D) Percent Complete As Of September 1999..... 20%
- (E) Percent Complete As Of January 2000..... 50%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used: N/A

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M67001
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA

4. Project Title	7. Project Number
ARMORIES	150

(...continued)

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 600
- (B) All Other Design Costs..... 400
- (C) Total..... 1000
- (D) Contract..... 300
- (E) In-House..... 700

(4) Contract Award..... 12/00

(5) Construction Start..... 05/01

(6) Construction Completion..... 11/02

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Collateral Equipment	O&M,MC	2002	2450

Activity POC: Larry Brant Phone No: (910) 451-1833

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M00146	4. Command	5. Area Constr Cost Index
MARINE CORPS AIR STATION CHERRY POINT NORTH CAROLINA	Commandant of the Marine Corps	0.94

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 6/30/99	97	546	1,046	30	372	0	760	6,845	5,838	15,534
b. End FY 2006	90	542	1,125	85	390	0	867	6,713	5,764	15,576

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (29,139.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999	527,750.00
c.	AUTHORIZATION NOT YET IN INVENTORY	74,322.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM	8,480.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM	7,466.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS	0.00
g.	REMAINING DEFICIENCY	842,642.00
h.	**GRAND TOTAL**	**1,460,660.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
211.05	AIRCRAFT HANGAR IMPRS	12,549 m2	8,480	07/99	12/00
	TOTAL		8,480		

9. Future Projects:

a. Included In The Following Program (FY 2002):

211.81	T-56 TEST CELL	0 LS	4,153
740.50	FITNESS CENTER	62,000 SF	3,313
	TOTAL		7,466

b. Major Planned Next Three Years:

None

c. Real Property Maintenance Backlog ($000): $ 31,400

10. Mission Or Major Functions:

Maintain and operate facilities and provide services and materials to support the operations of a Marine Aircraft Wing, or units thereof, and other activities and units as designated by the Commandant of the Marine Corps in coordination with the Chief of Naval Operations.

11. Outstanding Pollution And Safty Deficiencies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

302

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M00146	4. Project Title
MARINE CORPS AIR STATION CHERRY POINT, NORTH CAROLINA	AIRCRAFT HANGAR IMPROVEMENTS

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0206496M	211.05	568	8,480

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
AIRCRAFT HANGAR IMPROVEMENTS	m2	12,549	-	6,890
FACILITY RENOVATION	m2	12,549	396	(4,970)
BUILT-IN EQUIPMENT	LS	-	-	(1,920)
SUPPORTING FACILITIES	LS	-	-	1,110
MECHANICAL UTILITIES	LS	-	-	(340)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(360)
AFFF CONTAINMENT SYSTEM	LS	-	-	(410)
SUBTOTAL	-	-	-	8,000
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	8,000
Supervision Inspection & Overhead (6.0%)	-	-	-	480
TOTAL REQUEST	-	-	-	8,480
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

Additional power outlets, wiring, lighting, and conduit in shops and hangar decks; Heat (steam) in shops. Repair or replace exterior water, storm, and sewer lines, including related concrete replacement and utility structures rehabilitation; renovate rest rooms, including piping in walls; replace 400 hz generators in hangar decks; recondition hangar floor; remove asbestos in shops and hangar decks, only in construction areas; 120 tons of air conditioning and humidity control with associated duct work, insulation, partitions, and drop ceilings; Aqueous film forming foam (AFFF) and environmental containment system; fire protection sprinklers; ventilation and egress improvements in shops to comply with safety and health codes; utility trenches with service distribution pits in hangar decks, including drainage; electrical (28v dc, 400 hz, and 120v/60hz) and mechanical (compressed air and water) upgrades in service distribution pits; interior demolition of electrical and mechanical utilities.

11. Requirement: 12,549 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:
Renovates hangar maintenance, crew, and equipment spaces for two KC-130 squadrons (VMGR-252/VMGRT-253) and an aviation logistics squadron (MALS-14) and brings the hangar up to current fire codes.

(Continued On DD 1391C)

302

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M00146
MARINE CORPS AIR STATION CHERRY POINT, NORTH CAROLINA

4. Project Title	7. Project Number
AIRCRAFT HANGAR IMPROVEMENTS	568

(...continued)

Aircraft Hangar Improvements = 12,549 m2 = 135,076 Square Feet (Current mission)

REQUIREMENT:

Adequate facilities and fire protection for operations, maintenance, and training of two KC-130 squadrons and parts of an aviation logistics squadron. Hangar 250 is the only hangar with sufficient vertical clearance to accommodate KC-130 aircraft.

CURRENT SITUATION:

The existing Hangar 250, which provides work spaces for approximately 650 Marines in two KC-130 squadrons and parts of a Marine Aviation Logistics Squadron, was constructed in 1954 and has inadequate lighting, power, heating, ventilation, air conditioning, insulation, and fire protection. Marines working on the hangar deck or in adjacent maintenance shops have little control over temperature, dust, humidity, and noise. Poor conditions of the electrical and mechanical utilities force Marines to open doors onto the extremely noisy flightline in order to get additional lighting and ventilation into their shops. Lack of humidity control creates a constant fight against corrosion in shops where sensitive electronic and mechanical subsystems are repaired and maintained. A number of computers have been damaged due to high humidity and moisture within the hangar. Moisture has also corroded the air-conditioning compressors rendering them inoperable and forcing Marines to work in PT gear during the hot, humid summers. Also, equipment and parts stored in hangar spaces require constant wipe down and lubing to keep ahead of the corrosion. The existing hangar is currently wired for 220V and 110V voltages, but the number of outlets and the power grid that supports them are insufficient and compel KC-130 mechanics to use a tactical generators not intended for daily garrison use. In addition to constant break-down and parts problems incurred by over-using these generators, personnel are subjected to extremely loud noise and strong fumes for hours while the generators are in use. Also, because of the lack of power outlets, extension cords are being used on the floor, creating trip hazards on a hangar deck already busy with work carts, tools, aircraft, and personnel. Additionally, the built-in compressed air lines in the current hangar have numerous leaks that allow water, dirt, and grit into the system and cause undue wear and tear on the compressors powering this pneumatic system. The leaks are so bad under the hangar deck that when aircraft are washed

302

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M00146
MARINE CORPS AIR STATION CHERRY POINT, NORTH CAROLINA

4. Project Title	7. Project Number
AIRCRAFT HANGAR IMPROVEMENTS	568

(...continued)

in the hangar, the air leaking up through the concrete causes bubbles in the soapy water on the floor.

IMPACT IF NOT PROVIDED:

Without this project, Marines will continue working in noisy, uninsulated, poorly lit facilities without adequate electrical power in the required voltages and frequencies for working on modern aircraft systems. The poor working conditions will continue to adversely affect personnel morale, efficiency, and productivity.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 07/99
- (B) Date Design 35% Complete..... 01/00
- (C) Date Design Complete..... 12/00
- (D) Percent Complete As Of September 1999..... 15%
- (E) Percent Complete As Of January 2000..... 35%
- (F) Type of Design Contract..... Design/Bid/Build
- (G) Parametric Estimate used to develop cost..... N/A
- (H) Energy study/life-cycle analysis performed..... No

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used: N/A

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 509
- (B) All Other Design Costs..... 255
- (C) Total..... 764
- (D) Contract..... 679
- (E) In-House..... 85

(4) Contract Award..... 03/01

(5) Construction Start..... 04/01

302

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M00146
MARINE CORPS AIR STATION CHERRY POINT, NORTH CAROLINA

4. Project Title	7. Project Number
AIRCRAFT HANGAR IMPROVEMENTS	568

(...continued)

(6) Construction Completion..... 03/03

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: Joseph Reilly Phone No: (919) 466-4763

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N65923	4. Command	5. Area Constr Cost Index
NAVAL AVIATION DEPOT CHERRY POINT NC	Naval Air Systems Command	0.94

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 6/30/99	93	1,079	1,046	33	754	0	860	7,324	4,668	15,857
b. End FY 2006	91	545	1,124	85	390	0	865	6,730	5,764	15,594

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (0.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999	0.00
c.	AUTHORIZATION NOT YET IN INVENTORY	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM	7,540.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM	3,964.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS	3,297.00
g.	REMAINING DEFICIENCY	36,140.00
h.	**GRAND TOTAL**	**50,941.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
# 211.11	ACFT STRIPPING FAC ADDN	1,671 m2	7,540	10/99	03/01
	TOTAL		7,540		

9. Future Projects:

a. Included In The Following Program (FY 2002):

610.10	ADMINISTRATIVE OFFICE	2,555 m2	3,964
	TOTAL		3,964

b. Major Planned Next Three Years:

831.41	HAZ WASTE STOR/XFER FAC	3,600 m2	3,297
	TOTAL		3,297

c. Real Property Maintenance Backlog ($000): $ 26,279

10. Mission Or Major Functions:

Maintain and operate facilities and provide services and materials to support the operations of a Marine Aircraft Wing, or units thereof, and other activities and units as designated by the Commandant of the Marine Corps in coordination with the Chief of Naval Operations. This depot specializes in different types of engines, including J-59, T-58, T-74, T-76, T-400, F404, and aircraft, including F-4, OV-10, H-46, and AV-8.

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 7,540

302

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N65923	4. Project Title
NAVAL AVIATION DEPOT CHERRY POINT, NORTH CAROLINA	AIRCRAFT STRIPPING FACILITY ADDITION

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0702096N	211.11	979	7,540

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
AIRCRAFT STRIPPING FACILITY ADDITION	M2	1,671	-	5,910
BUILDING ADDITION	M2	1,671	3,470	(5,800)
BUILT-IN EQUIPMENT	LS	-	-	(50)
TECHNICAL OPERATING MANUALS	LS	-	-	(60)
SUPPORTING FACILITIES	LS	-	-	1,200
BLAST EQUIPMENT SHED	LS	-	-	(130)
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(40)
ELECTRICAL UTILITIES	LS	-	-	(200)
MECHANICAL UTILITIES	LS	-	-	(150)
PAVING & SITE IMPROVEMENTS	LS	-	-	(110)
DEMOLITION	LS	-	-	(320)
CONTAMINATED SOIL REMOVAL	LS	-	-	(250)
SUBTOTAL	-	-	-	7,110
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	7,110
Supervision Inspection & Overhead (6.0%)	-	-	-	430
TOTAL REQUEST	-	-	-	7,540
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

Addition to the chemical stripping hangar, one deck main hangar, two decks for support areas, pile foundations and stabilization, concrete floor, structural steel superstructure, masonry and galvanized steel curtain walls, standing seam galvanized metal roof, fire alarm and protection systems, heating, ventilation, and air conditioning system, elevator, bridge crane, media collection system, storage and delivery system, explosion-proof electrical service, wiring and devices, piping, contaminated soil cleanup, site improvements, and demolition.

11. Requirement: 1,671 M2 Adequate: 0 M2 Substandard: 0 M2

PROJECT:

Constructs an addition to the existing chemical stripping hangar to accommodate the plastic media blast (PMB) portion of the Naval Aviation Depot's (NADEP) chemical stripping process.

(Continued On DD 1391C)

302

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N65923
NAVAL AVIATION DEPOT CHERRY POINT, NORTH CAROLINA

4. Project Title	7. Project Number
AIRCRAFT STRIPPING FACILITY ADDITION	979

(...continued)

Aircraft Stripping Facility Addition = 1,671 m2 = 17,986 Square Feet
(Current mission)

REQUIREMENT:

Adequate facilities are required to support paint stripping operations at the NADEP. Specifically, an adequate glass bead blasting facility, which meets safety and environmental requirements, is required for the NADEP's aircraft stripping operation. The stripping operation begins with blasting the aircraft with plastic media. Since not all of the paint is removed from the crevices, chemical stripping is then performed to remove the remaining paint. Any remaining corrosion is removed by blasting with glass beads. This facility will provide proper facilities for aircraft control process. It is not practical to mix media in the same facility due to the excessive cleanup required of different media. This project is required: (1) to increase fleet readiness through implementation of more efficient facilities capable of better workmanship and more environmentally friendly corrosion control processes, (2) to reduce operating costs, (3) to consolidate hygiene facilities, other employee support areas, and administrative areas with their associated corrosion control process, and (4) to reduce the NADEP's inventory of dilapidated, inadequate structures.

CURRENT SITUATION:

The existing facility housing the glass bead blast process was constructed in 1947 and is one of NADEP's oldest structures. It does not have required hygiene facilities or a ventilation system. The structure is too small to accommodate the NADEP's inventory of aircraft. The hangar doors have to remain open for many of the NADEP's aircraft due to the inadequate size of the facility. The NADEP's current air sampling results are above the level of the standard, thus requiring engineering controls. The NADEP's current method of media recovery requires the employees to sweep the media, which is not allowed, even if the air samples are allowable, since the media is contaminated with chrome. It is not economically feasible to alter this facility to meet current codes. The design of this facility is not suitable for its function and is not suitable for upgrade.

IMPACT IF NOT PROVIDED:

NADEP will continue its glass bead blast process in a 1947 vintage structure that is too small for the aircraft it services, does not have

302

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N65923
NAVAL AVIATION DEPOT CHERRY POINT, NORTH CAROLINA

4. Project Title	7. Project Number
AIRCRAFT STRIPPING FACILITY ADDITION	979

(...continued)
adequate ventilation for employee safety, does not have a floor recovery system for the media to alleviate employee sweeping, and does not have employee hygiene facilities.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 10/99
- (B) Date Design 35% Complete..... 03/00
- (C) Date Design Complete..... 03/01
- (D) Percent Complete As Of September 1999..... 0%
- (E) Percent Complete As Of January 2000..... 15%
- (F) Type of Design Contract..... Design/Bid/Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... No

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used: N/A

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 480
- (B) All Other Design Costs..... 240
- (C) Total..... 720
- (D) Contract..... 640
- (E) In-House..... 80

(4) Contract Award..... 06/01

(5) Construction Start..... 07/01

(6) Construction Completion..... 06/03

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: CDR MICHAEL PATTERSON Phone No: 919-466-2746

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M62573	4. Command	5. Area Constr Cost Index
MARINE CORPS AIR STATION NEW RIVER, NORTH CAROLINA	Commandant of the Marine Corps	0.85

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 6/30/99	35	240	133	104	205	0	536	3,973	230	5,456
b. End FY 2006	34	242	151	159	395	0	597	4,283	234	6,095

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (0.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999.....	3,728.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	3,400.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	5,615.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	3,259.00
g.	REMAINING DEFICIENCY.....	66,160.00
h.	**GRAND TOTAL**.....	**82,162.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Complete
116.15	AIRCRAFT RINSE FACILITY	660 m2	800	05/99	10/00
141.70	CONTROL TOWER	341 m2	2,600	10/98	11/00
	TOTAL		3,400		

9. Future Projects:

a. Included In The Following Program (FY 2002):

441.10	PROPERTY CONTROL FAC	60,000 SF	4,227
113.20	ACFT APRON EXPAN	0 LS	1,388
	TOTAL		5,615

b. Major Planned Next Three Years:

722.10	ENLISTED DINING FAC	0 LS	3,259
	TOTAL		3,259

c. Real Property Maintenance Backlog ($000): $ 6,800

10. Mission Or Major Functions:

Provides facilities, services, and material necessary to support major rotary wing elements of a Marine Aircraft Wing, including aircraft maintenance and air traffic control, operation and maintenance of outlying fields and confined area landing sites necessary for the operational training of helicopter air crews.

(Continued On DD 1390C)

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00
3. Installation and Location/UIC: M62573 MARINE CORPS AIR STATION NEW RIVER, NORTH CAROLINA	4. Command Commandant of the Marine Corps	5. Area Constr Cost Index 0.85

(...continued)

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M62573	4. Project Title
MARINE CORPS AIR STATION NEW RIVER, NORTH CAROLINA	AIRCRAFT RINSE FACILITY

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0206496M	116.15	528	800

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
AIRCRAFT RINSE FACILITY	m2	660	565	370
SUPPORTING FACILITIES	LS	-	-	390
MECHANICAL UTILITIES	LS	-	-	(150)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(140)
FORCE PROTECTION	LS	-	-	(50)
DEMOLITION	LS	-	-	(50)
SUBTOTAL	-	-	-	760
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	760
Supervision Inspection & Overhead (6.0%)	-	-	-	40
TOTAL REQUEST	-	-	-	800
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

Concrete pad with built-in automated rinse system with pressure activated treadle including timed shut-off, utilities, containment curb, catch basin, oil/water separator, and a concrete access from the taxiway.

11. Requirement: 660 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:
Construct an automatic, unattended, fresh water rinse facility along a taxiway at MCAS New River, North Carolina.

Aircraft Rinse Facility = 660 m2 = 7,104 Square Feet (Current mission)

REQUIREMENT:

Provide an adequate Aircraft Rinse Facility capable of rinsing MCAS New River aircraft after over salt-water flights in order to minimize corrosion. Requirement ensures preservation of aircraft squadrons involved in 6 month training cycles preparing for deployment aboard amphibious ships.

CURRENT SITUATION:

(Continued On DD 1391C)

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M62573
MARINE CORPS AIR STATION NEW RIVER, NORTH CAROLINA

4. Project Title	7. Project Number
AIRCRAFT RINSE FACILITY	528

(...continued)

MCAS New River currently has one facility to provide fresh water rinse service to aircraft that have flown over salt-water. This existing undersized 60 foot wide, 1967-vintage rinse facility was built for H-34 helicopters (no longer in the inventory), contains only one row of 24 nozzles, and can only rinse half an aircraft at a time. Design criteria for H-1, CH-46, and CH-53 helicopters shows that New River rates a rinse facility that is at least 75 feet wide and has two rows of 24 nozzles. The new MV-22 aircraft arriving in FY 2000 will increase rinse facility requirements to 100 feet wide with two rows of 37 nozzles.

The existing rinse facility is also located 10 feet from a wash rack which is used 10-14 hours a day to perform recurring soap and water washes of MCAS New River's 200+ aircraft. Both the wash and rinse facilities cannot be used simultaneously. After over salt-water flights, pilots taxi to the rinse facility and, if no wash operations are underway, drive over a pressure-activated treadle to automatically deluge their aircraft with fresh water and, with the help of the powerful downwash from their turning rotor blades, rinse the salt off. If the wash rack is being utilized, or if, as is often the case, there is a line of powered aircraft waiting to use the rinse facility, the wash operations are either halted to permit the rinses, or pilots pass their aircraft rinse requirements to the ground crews. In turn, ground crews revise maintenance plans to include an unscheduled aircraft wash (two-hour evolution) vice the more expedient rinse (5 minute evolution), a task which overburdens the already maximized contract wash operations.

IMPACT IF NOT PROVIDED:

Without a dedicated rinse facility, aircraft returning from over salt-water flights will continue to either experience long delays while under power in getting their fresh water rinses, or they will frequently require unscheduled washes which will impede the efficient execution of contracted wash operations and perpetuate degraded aircraft availability and readiness.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M62573
MARINE CORPS AIR STATION NEW RIVER, NORTH CAROLINA

4. Project Title	7. Project Number
AIRCRAFT RINSE FACILITY	528

(...continued)

(A) Date Design Started..... 05/99
(B) Date Design 35% Complete..... 09/99
(C) Date Design Complete..... 10/00
(D) Percent Complete As Of September 1999..... 35%
(E) Percent Complete As Of January 2000..... 50%
(F) Type of Design Contract..... Design/Bid/Build
(G) Parametric Estimate used to develop cost..... No
(H) Energy study/life-cycle analysis performed..... No

(2) Basis:
(A) Standard or Definitive Design: No
(B) Where Design Was Most Recently Used: N/A

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
(A) Production of Plans and Specifications..... 50
(B) All Other Design Costs..... 25
(C) Total..... 75
(D) Contract..... 67
(E) In-House..... 8

(4) Contract Award..... 12/00

(5) Construction Start..... 01/01

(6) Construction Completion..... 07/01

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: Randy Scott Phone No: (910) 451-6518

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M62573	4. Project Title
MARINE CORPS AIR STATION NEW RIVER, NORTH CAROLINA	AIR TRAFFIC CONTROL TOWER

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0206496M	141.70	629	2,600

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
AIR TRAFFIC CONTROL TOWER	m2	341	-	1,760
BUILDING	m2	321	4,370	(1,400)
EMERGENCY GENERATOR BUILDING	m2	20	4,500	(90)
BUILT-IN EQUIPMENT	LS	-	-	(270)
SUPPORTING FACILITIES	LS	-	-	690
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(10)
ELECTRICAL UTILITIES	LS	-	-	(380)
MECHANICAL UTILITIES	LS	-	-	(230)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(50)
FORCE PROTECTION	LS	-	-	(20)
SUBTOTAL	-	-	-	2,450
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	2,450
Supervision Inspection & Overhead (6.0%)	-	-	-	150
TOTAL REQUEST	-	-	-	2,600
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	8,000

10. Description of Proposed Construction

Air traffic control tower consisting of a six-story base and 18 foot high tower cab made of steel-frame concrete cast-in-place structure supported by concrete pile foundations and including concrete floors, insulated metal roof, metal stud, concrete masonry unit (CMU) interior walls, and force protection features. Cab includes insulated glass, acoustical material on ceiling, exterior fire ladder, fire rated construction, Heating/Ventilation/Air-Conditioning (HVAC), communications equipment, instrument control equipment, lounge, stairwell, and elevator. A separate CMU building will house the emergency generator, automatic transfer switch, and switch gear. Utilities include water, sanitary sewer, electrical, communications cables and information cables housed in concrete ducts routed under the runways/flightline.

11. Requirement: 341 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:
Constructs an air traffic control tower at MCAS New River, North Carolina.

(Continued On DD 1391C)

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M62573
MARINE CORPS AIR STATION NEW RIVER, NORTH CAROLINA

4. Project Title	7. Project Number
AIR TRAFFIC CONTROL TOWER	629

(...continued)

Air Traffic Control Tower = 341 m2 = 3,670 Square Feet
Building = 321 m2 = 3,455 Square Feet
Emergency Generator Building = 20 m2 = 215 Square Feet (Current mission)

REQUIREMENT:

Adequately and safely configured air traffic control tower at MCAS New River from which air traffic controllers can maintain constant supervision and visual contact with aircraft in the flight pattern and which will fit equipment upgrades from the National Airspace System Modernization Program.

CURRENT SITUATION:

Built in 1954, the existing inadequate air traffic control (ATC) tower is seriously undersized, unsafely and undesirably located, and excessively deteriorated.

The current 70 square meter tower, built originally as a parachute loft, cannot fit the required manager's office, controller break room, communications room, electrical/mechanical room, elevator equipment room, or provost marshall rooms. Without tower area to house these functions, the tower cab, which is manned with 8 to 10 people at any given time, must be crammed with various pieces of equipment, administrative items, and personal gear. Consequently, air traffic controllers, who work under significant stress and ideally should be comfortable in order to stay at peak performance at all times, are forced to work in an unacceptably crowded and disorderly environment. The severe spacial inadequacies will be exponentially exacerbated when $8M of new ATC systems upgrades procured by the Space and Naval Warfare Systems Center arrive.

The existing tower is unsafely and undesirably located on the corner of a hangar on the flightline a quarter of a mile away from the preferred location next to the Radar ATC Facility. Worsened by a shorter than required tower (controller eye level in existing facility is 72 feet vice the needed 76 feet), the current location is unsafe because a water tank 1000' feet away blocks the line of sight view for controllers to the approach pattern for Runway 19 at a critical 3 miles out point. As a result, the air station operates under a NAVAIR airfield safety waiver for obstructions and must alter normal flight paths to compensate for the water tank. The current location is also undesirable because Facility Watch Supervisors cannot effectively manage operations at the Tower and at

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M62573
MARINE CORPS AIR STATION NEW RIVER, NORTH CAROLINA

4. Project Title	7. Project Number
AIR TRAFFIC CONTROL TOWER	629

(...continued)

the RATCF as required by NATOPS (NAVAIR 00-80T-114). Between the two facilities, equipment must be remoted and utilities interconnected under the flightline and runways, a situation which increases maintenance costs and prolongs response time for emergency maintenance.

The 45-year old tower is heavily corroded and requires constant maintenance. Despite repairs, safety railings and access ladders are hazardous and the entrance stairway to the tower cab does not meet OSHA specifications. Cable entry ports must be sealed against rain with plastic sheets and sealing compound, and ongoing secondary structural problems such as the leaking roof, missing weather stripping, and crumbling concrete masonry blocks, continue to plague the tower occupants. Water invasion and out-of-date wiring have caused electrical fires and pose a serious risk for future fires, shock, and equipment damage. Deteriorated noise insulation in the tower cab inhibits controllers' ability to verbally coordinate when aircraft taxi near the tower.

IMPACT IF NOT PROVIDED:

Air traffic control operations at MCAS New River will continue to be conducted from an unsafe, undersized, and deteriorated facility which will threaten the safe control of flight operations, impair the effective training of student Air Traffic Controllers, and prevent the installation of new equipment upgrades.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started	10/98
(B) Date Design 35% Complete	03/00
(C) Date Design Complete	11/00
(D) Percent Complete As Of September 1999	2%
(E) Percent Complete As Of January 2000	15%
(F) Type of Design Contract	Design/Bid/Build
(G) Parametric Estimate used to develop cost	Yes
(H) Energy study/life-cycle analysis performed	No

(2) Basis:

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M62573
MARINE CORPS AIR STATION NEW RIVER, NORTH CAROLINA

4. Project Title	7. Project Number
AIR TRAFFIC CONTROL TOWER	629

(...continued)

(A) Standard or Definitive Design: No
(B) Where Design Was Most Recently Used: N/A

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
(A) Production of Plans and Specifications..... 120
(B) All Other Design Costs..... 130
(C) Total..... 250
(D) Contract..... 200
(E) In-House..... 50

(4) Contract Award..... 12/00

(5) Construction Start..... 01/01

(6) Construction Completion..... 04/02

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
ATC Upgrades	OPN	2003	8000

Activity POC: Randy Scott Phone No: (910) 451-6518

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N66604	4. Command	5. Area Constr Cost Index
NAVAL UNDERWATER SYSTEMS CENTER NEWPORT RHODE ISLAND	Naval Sea Systems Command	1.07

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 1/20/00	1,216	909	3,902	0	541	0	286	181	0	7,035
b. End FY 2006	1,380	953	3,827	0	233	0	286	181	0	6,860

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (297.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999	370,809.00
c.	AUTHORIZATION NOT YET IN INVENTORY	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM	4,150.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM	3,983.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS	29,484.00
g.	REMAINING DEFICIENCY	27,617.00
h.	**GRAND TOTAL**	**436,043.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
152.20	SHORE BASED LAUNCH FAC	4,100 m2	4,150	08/99	06/00
	TOTAL		4,150		

9. Future Projects:

a. Included In The Following Program (FY 2002):

390.17	LABORATORY DATA LINKS	377 m2	3,983
	TOTAL		3,983

b. Major Planned Next Three Years:

315.30	UNDERSEA NTWRK CENTRIC LAB	4,645 m2	17,710
315.20	UNDERWATER WEAPON SYS LAB	7,310 m2	11,774
	TOTAL		29,484

c. Real Property Maintenance Backlog ($000): $ 18,866

10. Mission Or Major Functions:

The Naval Underwater System Center is the principal Navy RDT&E Center for underwater weapons systems. It plans and conducts programs of warfare and systems analysis, RDT&E, and Fleet support in underwater warfare weapons systems and components, undersea surveillance systems, submarine communications systems, navigation and related sciences and technology. The Newport Headquarters Laboratory performs a wide variety of functions ranging from exploratory research through the in-service engineering assistance of

(Continued On DD 1390C)

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N66604	4. Command	5. Area Constr Cost Index
NAVAL UNDERWATER SYSTEMS CENTER NEWPORT RHODE ISLAND	Naval Sea Systems Command	1.07

(...continued)

the Fleet throughout the life-cycle of these systems. This center also manages subsidiary laboratories including New London, CT, and AUTEC Test Ranges, Bahamas.

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N66604	4. Project Title
NEWPORT DIV, NAVAL UNDERSEA WARFARE CTR NEWPORT, RHODE ISLAND	SHORE BASED LAUNCH FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0605896N	152.20	077	4,150

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
SHORE BASED LAUNCH FACILITY	m2	4,100	-	2,960
UNDERWATER VEHICLE LAUNCH RAMP	m2	300	642	(190)
PIER 172 MODIFICATIONS	m2	3,200	740	(2,370)
PIER 170 REHABILITATION	m2	600	616	(370)
BUILT-IN EQUIPMENT (MARINE HARDWARE)	LS	-	-	(30)
SUPPORTING FACILITIES	LS	-	-	960
UTILITIES	LS	-	-	(50)
BUILDING DEMOLITION (WITH ASBESTOS)	LS	-	-	(90)
PIER DEMOLITION	LS	-	-	(820)
SUBTOTAL	-	-	-	3,920
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	3,920
Supervision Inspection & Overhead (6.0%)	-	-	-	230
TOTAL REQUEST	-	-	-	4,150
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

A Shore Based Launch Facility, including boat ramp, small pier, staging area; special foundations to support specialized material handling equipment; vehicle launch systems, submarine system winch testing, and correction of critical structural safety deficiencies; demolition of two buildings and Pier 170, and partial demolition and rehabilitation of Piers 171 and 172.

11. Requirement: 4,100 m2 **Adequate:** 0 m2 **Substandard:** 140 m2

PROJECT:

This project provides an adequate Shore Based Launch Facility by modifying the layout and extent of existing marine structures, constructing an Unmanned Undersea Vehicles (UUV) launch and recovery ramp, adding additional structure to support specialized equipment and demolishing outdated, deteriorated structures.

Shore Based Launch Facility = 4,100 m2 = 44,132 Square Feet
Underwater Vehicle Launch ramp = 300 m2 = 3,229 Square Feet
Pier 172 Modifications = 3,200 m2 = 34,445 Square Feet

(Continued On DD 1391C)

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N66604
NEWPORT DIV, NAVAL UNDERSEA WARFARE CTR NEWPORT, RHODE ISLAND

4. Project Title	7. Project Number
SHORE BASED LAUNCH FACILITY	077

(...continued)

Pier 170 Rehabilitation = 600 m2 = 6,458 Square Feet (Current mission)

REQUIREMENT:

Adequate and properly configured waterfront facilities to support launch and recovery of the Navy's development and test platforms for the Unmanned Undersea Vehicles (UUV) program. In 1993 Congress chartered the Navy to establish a program to develop and deploy a line of increasingly capable UUVs to support submarine and joint warfare operations in the littoral battlespace. UUVs will enable the warfighter to conduct selected missions in geographical regions which are either unsafe or politically unacceptable to employ submarine combatants. The program plan calls for four UUV missions: mine reconnaissance, anti-submarine warfare (ASW) surveillance, intelligence-surveillance-reconnaissance (ISR), and tactical oceanography. At the time the Navy plan was prepared and approved, it was believed that these missions could all be accommodated in a 21 inch diameter cylindrical vehicle, which can be deployed through submarine torpedo tubes. Mine reconnaissance is being only partially met with 21 inch diameter technology UUVs. Analyses and experimentation now show however, that significantly larger UUVs are needed to support the other required mission payloads. To provide an effective means for testing these emerging technologies, NUWC is developing the System Technology Development Vehicle (STDV) - a 35 foot by 15 foot, 8 ton non-cylindrical test bed. This vehicle will serve as the "work horse" with which all advanced UUV technologies will be sea tested for performance. The STDV will begin undergoing limited testing itself during FY 99 and will be ready for its first full-up integrated testing in FY 2001 - the year P-077 is needed. Additionally, during FY 2001, it is planned to begin developmental testing of a second large size experimental UUV in support of an Advanced Technology Demonstration (ATD) project. The STDV will continue in use as a component test bed for future UUV developments until at least 2010.

CURRENT SITUATION:

Larger vehicles cannot be launched or recovered in NUWC's current marine facility in the same manner as the current 21 inch diameter vehicles (lowered by crane onto a small range boat and driven to the test area). Their large size, heavy weight, and high cost pose a substantial cost and risk to one-of-a-kind vehicles, the loss of which could result in severe program setbacks and modifications. During development and testing the new UUV will require frequent movement between the laboratory and the at

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N66604
NEWPORT DIV, NAVAL UNDERSEA WARFARE CTR NEWPORT, RHODE ISLAND

4. Project Title	7. Project Number
SHORE BASED LAUNCH FACILITY	077

(...continued)

sea test area. P-077 will permit easy, risk free, and a secure means of launching and recovering the larger UUVs directly at the NUWC waterfront facility by means of a large UUV launch and recovery ramp. The availability of strategically placed jib cranes will permit much UUV work to be accomplished on the vehicles while they remain in the water. The practicality of ramp launch and recovery at remote locations where suitable ramps may be located (if any) is low due to the high costs, significant risk of damage during lengthy transport, and security reasons. NUWC's current marine facilities consist of a wharf (Pier 172) and two piers (Piers 170 and 171) which are old and deteriorated beyond economical repair. Their physical configuration is awkward and does not readily support the launch and recovery of the new STDV.

IMPACT IF NOT PROVIDED:

Systems analysis and experimental work conducted to date indicate that larger, heavier, non-cylindrical UUVs will be needed. These cannot be launched or recovered from NUWC Division, Newport's current marine facility. If P-077 is not provided in a timely manner, alternative UUV launch and recovery techniques that are excessively costly and risky will have to be utilized. This will result in a significantly lower number of vehicle tests being accomplished. This will also result in significant added costs, modifications to plans and projected performance capabilities, and continued safety and security problems.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started	08/99
(B) Date Design 35% Complete	10/99
(C) Date Design Complete	06/00
(D) Percent Complete As Of September 1999	20%
(E) Percent Complete As Of January 2000	75%
(F) Type of Design Contract	Design/Bid/Build
(G) Parametric Estimate used to develop cost	Yes
(H) Energy study/life-cycle analysis performed	N/A

(2) Basis:

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N66604
NEWPORT DIV, NAVAL UNDERSEA WARFARE CTR NEWPORT, RHODE ISLAND

4. Project Title	7. Project Number
SHORE BASED LAUNCH FACILITY	077

(...continued)

(A) Standard or Definitive Design: No
(B) Where Design Was Most Recently Used: N/A

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
(A) Production of Plans and Specifications..... 400
(B) All Other Design Costs..... 60
(C) Total..... 460
(D) Contract..... 400
(E) In-House..... 60

(4) Contract Award..... 11/00

(5) Construction Start..... 12/00

(6) Construction Completion..... 05/02

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: LCDR DAVID HARRIS Phone No: (401) 832-4810

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M60169	4. Command	5. Area Constr Cost Index
MARINE CORPS AIR STATION BEAUFORT S C	Commandant of the Marine Corps	1.04

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 1/20/00	46	351	356	0	30	0	316	2,827	272	4,198
b. End FY 2006	44	330	339	0	30	0	361	2,901	282	4,287

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (12,798.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999.....	189,390.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	3,140.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	9,454.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	7,790.00
g.	REMAINING DEFICIENCY.....	32,610.00
h.	**GRAND TOTAL**.....	**242,384.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
843.10	FLIGHTLINE FIRE SAFETY IMP	4,040 m	3,140	05/99	02/01
	TOTAL		3,140		

9. Future Projects:

a. Included In The Following Program (FY 2002):

* 211.01	ACFT ACOUSTICAL ENCL	0 LS	9,454	
	TOTAL		9,454	

b. Major Planned Next Three Years:

211.96	AWSE WAREHOUSE	1,003 m2	1,516	
740.74	CHILD DEVELOPMENT CENTER	0 LS	3,919	
112.10	A/C TAXIWAY IMPVS	0 LS	2,355	
	TOTAL		7,790	

c. Real Property Maintenance Backlog ($000): $ 18,300

10. Mission Or Major Functions:

Maintain and operate facilities to support flight operations; operation and maintenance of assigned aircraft; and provide services and material to support operations of a Marine Aircraft Wing and/or units thereof; and other activities and units as designated by the Commandant of the Marine Corps, in coordination with the Chief of Naval Operations.

(Continued On DD 1390C)

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00
3. Installation and Location/UIC: M60169 MARINE CORPS AIR STATION BEAUFORT S C	4. Command Commandant of the Marine Corps	5. Area Constr Cost Index 1.04

(...continued)

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $9,454

b. Occupational Safty And Health (OSH) (#): $0

309

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M60169	4. Project Title
MARINE CORPS AIR STATION BEAUFORT, SOUTH CAROLINA	FLIGHTLINE FIRE SAFETY IMPROVEMENTS

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0206496M	843.10	401	3,140

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
FLIGHTLINE FIRE SAFETY IMPROVEMENTS	m	4,040	-	2,070
WATER DISTRIBUTION PIPELINE (12")	m	995	172	(170)
WATER DISTRIBUTION PIPELINE (18")	m	524	301	(160)
WATER DISTRIBUTION PIPELINE (24")	m	2,521	413	(1,040)
WATER DISTRIBUTION PIPELINE (HANGAR TIE-IN)	LS	-	-	(80)
WATER STORAGE TANK	LS	-	-	(620)
SUPPORTING FACILITIES	LS	-	-	890
SOIL CONSTRAINTS TO TRENCHING	LS	-	-	(580)
ELECTRICAL UTILITIES	LS	-	-	(80)
WATER DISTRIBUTION REROUTE	LS	-	-	(60)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(150)
DEMOLITION	LS	-	-	(20)
SUBTOTAL	-	-	-	2,960
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	2,960
Supervision Inspection & Overhead (6.0%)	-	-	-	180
TOTAL REQUEST	-	-	-	3,140
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-

10. Description of Proposed Construction

Fire safety improvements on the flightline to include an additional underground water storage tank, turbine fire pumps with controls, a separate looped fire water supply main to eight hangars, jet engine maintenance buildings, and stubouts; associated underground PVC piping connecting the water storage tank, pumphouse, and protected buildings; valves and fittings; required mechanical and electrical modifications; general demolition; and affected asphalt and concrete pavement demolition and replacement.

11. Requirement: 4,040 m **Adequate:** 0 m **Substandard:** 0 m

PROJECT:
Dedicated fire protection system for aircraft hangars and support facilities for a one hour fire event that functions separately from the domestic water system. Project will use portions of the existing fire

(Continued On DD 1391C)

309

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M60169
MARINE CORPS AIR STATION BEAUFORT, SOUTH CAROLINA

4. Project Title	7. Project Number
FLIGHTLINE FIRE SAFETY IMPROVEMENTS	401

(...continued)

loops around hangars where they do not cross-connect with the domestic system.

Flightline Fire Safety Improvements = 4,040 m = 13,254 Linear Feet
Water Distribution Pipeline (12") = 995 m = 3,264 Linear Feet
Water Distribution Pipeline (18") = 524 m = 1,719 Linear Feet
Water Distribution Pipeline (24") = 2,521 m = 8,271 Linear Feet (Current mission)

REQUIREMENT:

A reliable, stand-alone fire protection system is required for the safeguard of eight aircraft hangars, 108 assigned aircraft, and personnel.

CURRENT SITUATION:

Marine Corps Air Station (MCAS) Beaufort currently has a joint flightline fire protection and domestic potable water system which shares piping and other components including a 500,000 gallon concrete underground storage tank. Constructed during the 1940's and during the 1955 base buildup, the potable water system was designed to have its water "pushed" to the station hangars via horizontal centrifugal fire pumps at the booster pumping station. However, the air station has had persistent problems with the existing booster pumping station because the pumps have repeatedly shut down during the station's operating life and have not maintained an acceptable water level in the underground storage tank. Even without a major fire event, water levels in the tank have been so low that MCAS Beaufort's Laurel Bay family housing complex experiences continuing pressure problems during peak use periods. In the mid-1970's, the Centrifugal Fire Pumps Code (NFPA 20) stopped approving the installation of systems like the one at MCAS Beaufort because horizontal fire pumps are not self-priming and are inherently unreliable. In September 1997, a Naval Facilities Engineering Command contracted analysis of MCAS Beaufort's potable water system validated that the current system is inadequate to handle high demand events (such as a major hangar fire) and that a completely new and separate fire loop and turbine booster pumps are needed to operate flightline facilities and hangar deluge systems. The study concluded that the age and condition of the domestic piping cannot reliably handle the pressure and shock of the fire pump activation, as evidenced by numerous water line failures which have occurred when the pumps were suddenly activated. Built in 1943, the underground storage tank has also deteriorated to the point that it is not structurally sound

309

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M60169
MARINE CORPS AIR STATION BEAUFORT, SOUTH CAROLINA

4. Project Title	7. Project Number
FLIGHTLINE FIRE SAFETY IMPROVEMENTS	401

(...continued)

and will not be able to reliably support a new fire protection system. The existing system cannot meet fire safety requirements. Upgrade and replacement is crucial for the safety and protection for facilities, aircraft, and personnel.

IMPACT IF NOT PROVIDED:

Insufficient flow to the fire suppression system. Without upgrading, the potential for loss remains very high and includes aircraft, equipment, facilities, and the lives of personnel. Additionally, rupture or collapse in the domestic system could cause loss of all messing, domestic fire sprinklers, and restroom facilities beyond the buildings affected by this project scope.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 05/99
- (B) Date Design 35% Complete..... 03/00
- (C) Date Design Complete..... 02/01
- (D) Percent Complete As Of September 1999..... 5%
- (E) Percent Complete As Of January 2000..... 20%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... No

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 0
- (B) All Other Design Costs..... 175
- (C) Total..... 175
- (D) Contract..... 75
- (E) In-House..... 100

(4) Contract Award..... 11/00

309

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M60169
MARINE CORPS AIR STATION BEAUFORT, SOUTH CAROLINA

4. Project Title	7. Project Number
FLIGHTLINE FIRE SAFETY IMPROVEMENTS	401

(...continued)

(5) Construction Start..... 02/01

(6) Construction Completion..... 02/02

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: LCdr Joseph Angell Phone No: (803) 522-7072

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M00263	4. Command	5. Area Constr Cost Index
MARINE CORPS RECRUIT DEPOT PARRIS ISLAND S C	Commandant of the Marine Corps	1.04

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 6/30/99	89	681	488	0	7,250	0	214	1,364	339	10,425
b. End FY 2006	91	722	489	0	7,713	0	203	1,303	343	10,864

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (8,080.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999.....	140,990.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	2,660.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	2,963.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	11,850.00
g.	REMAINING DEFICIENCY.....	135,310.00
h.	**GRAND TOTAL**.....	**293,773.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
171.20	FIELD TRAINING COMPLEX	1,124 m2	2,660	05/99	02/01
	TOTAL		2,660		

9. Future Projects:

a. Included In The Following Program (FY 2002):

131.15	COMM CTR ADDN	0 LS	2,963
	TOTAL		2,963

b. Major Planned Next Three Years:

730.20	MILITARY POLICE STATION	0 LS	1,479
721.11	BEQ	0 LS	7,827
171.10	RECRUIT TRNG FAC ADDN	0 LS	2,544
	TOTAL		11,850

c. Real Property Maintenance Backlog ($000): $ 19,000

10. Mission Or Major Functions:

To exercise operational control of enlisted recruiting operations in the 1st, 4th, and 6th Marine Districts through screening, evaluation, verification, and field supervision; to provide guidance and direction on quality control matters for all east coast enlisted accessions in accordance with standards established by CMC; to provide reception processing and recruit training for enlisted personnel upon their initial entry into the

(Continued On DD 1390C)

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M00263	4. Command	5. Area Constr Cost Index
MARINE CORPS RECRUIT DEPOT PARRIS ISLAND S C	Commandant of the Marine Corps	1.04

(...continued)

Marine Corps; to provide training of recruits; to conduct schools as directed; to provide rifle and pistol marksmanship training for Marines stationed in the southeast and for personnel of other services as requested; and to conduct training for reserve Marines as directed.

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M00263	4. Project Title
MARINE CORPS RECRUIT DEPOT PARRIS ISLAND, SOUTH CAROLINA	FIELD TRAINING COMPLEX

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0805796M	171.20	327	2,660

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
FIELD TRAINING COMPLEX	m2	1,124	-	1,870
FIELD TRAINING COMPLEX	m2	903	1,533	(1,380)
RECRUIT STAGING AREA	m2	221	359	(80)
RENOVATE CRUCIBLE AID STATION	LS	-	-	(300)
BUILT-IN EQUIPMENT	LS	-	-	(80)
TECHNICAL OPERATING MANUALS	LS	-	-	(30)
SUPPORTING FACILITIES	LS	-	-	640
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(340)
ELECTRICAL UTILITIES	LS	-	-	(90)
MECHANICAL UTILITIES	LS	-	-	(40)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(90)
FORCE PROTECTION	LS	-	-	(10)
DEMOLITION	LS	-	-	(70)
SUBTOTAL	-	-	-	2,510
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	2,510
Supervision Inspection & Overhead (6.0%)	-	-	-	150
TOTAL REQUEST	-	-	-	2,660
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	175

10. Description of Proposed Construction

Steel frame building on pre-stressed concrete pile foundations, sloped floor with fixed seating, high ceilings, acoustically treated walls and ceilings, raised stage with rear projection screen, public address system, fire protection system, concrete masonry unit exterior walls with brick facing, standing seam metal roofing, insulated walls and roof, heating, air-conditioning, and covered queing area for staging recruits and for inclement protection during bad weather. Supporting facilities include administrative spaces, appropriate restroom facilities, paving and site improvements, and utilities connections. Facility shall be designed to meet coastal windload criteria and Seismic Zone 3. Demolishes seven buildings. Renovates Crucible Aid Station to provide billeting for displaced Corpsmen due to demolition of existing structure for this project.

(Continued On DD 1391C)

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M00263
MARINE CORPS RECRUIT DEPOT PARRIS ISLAND, SOUTH CAROLINA

4. Project Title	7. Project Number
FIELD TRAINING COMPLEX	327

(...continued)

11. Requirement: 1,124 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

Constructs a central, consolidated operations/training facility for the Field Training Company to conduct Basic Warrior Training (BWT) for recruits.

Field Training Complex = 1,124 m2 = 12,099 Square Feet
Field Training Complex = 903 m2 = 9,720 Square Feet
Recruit Staging Area = 221 m2 = 2,379 Square Feet (Current mission)

REQUIREMENT:

Adequate training and operations facility to conduct field instruction in individual combat skills and to coordinate the "Crucible" training exercise for one male recruit series and one female recruit platoon (340 recruits total).

CURRENT SITUATION:

MCRD Parris Island conducts field training for recruits at Page Field, an abandoned WWII airfield located about 6 miles from the main side of the base. Classroom instruction in this field training area is conducted in an inadequate wooden frame structure originally built as a warehouse in 1943. The building was later used as an auto hobby shop before it was finally converted into a classroom for recruits. Unsuitable for effective instruction, the building's structural supporting members and the flat, compartmentalized, and undersized configuration of the classroom prevent many recruits from seeing or hearing the instructors. In addition, the lack of insulation or air-conditioning does not provide an environment to train the packed room of 340 recruits and severely degrades the ability of the instructors to create an atmosphere conducive to learning. The deteriorated building, which does not comply with wind load and seismic zone 3 criteria, is also insufficiently sized to accommodate instructor office space, the "Crucible" command center, and gas chamber requirements. Thus, these latter functions are currently performed in converted metal storage sheds with window AC units, temporary mobile trailers, an inadequate "homemade" concrete block gas chamber, and scattered buildings within the field training area. Construction of this consolidated, state-of-the-art complex will reduce existing facilities through the demolition of the scattered, old, maintenance-intensive facilities currently used.

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M00263
MARINE CORPS RECRUIT DEPOT PARRIS ISLAND, SOUTH CAROLINA

4. Project Title	7. Project Number
FIELD TRAINING COMPLEX	327

(...continued)

IMPACT IF NOT PROVIDED:

Recruit field classroom training will continue to be conducted in inadequate, un-airconditioned, poorly configured facilities that will seriously hinder learning of vital individual combat skills.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 05/99
- (B) Date Design 35% Complete..... 03/00
- (C) Date Design Complete..... 02/01
- (D) Percent Complete As Of September 1999..... 5%
- (E) Percent Complete As Of January 2000..... 20%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... No

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 0
- (B) All Other Design Costs..... 140
- (C) Total..... 140
- (D) Contract..... 40
- (E) In-House..... 100

(4) Contract Award..... 11/00

(5) Construction Start..... 03/01

(6) Construction Completion..... 03/02

B. Equipment associated with this project which will be provided from other appropriations:

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M00263
MARINE CORPS RECRUIT DEPOT PARRIS ISLAND, SOUTH CAROLINA

4. Project Title	7. Project Number
FIELD TRAINING COMPLEX	327

(...continued)

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Collateral Equipment	O&M,MC	2002	175

Activity POC: LCdr Jean Dumlao-Hurst Phone No: (803) 525-3527

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/1/00

3. Installation and Location/UIC: N60241	4. Command	5. Area Constr Cost Index
NAVAL AIR STATION KINGSVILLE TEXAS	Chief of Naval Education and Training	0.91

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 6/30/99	174	408	315	200	0	0	9	12	0	1,118
b. End FY 2006	178	358	308	200	0	0	9	12	0	1,065

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (116,367.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999.....	162,747.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	2,670.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	19,781.00
g.	REMAINING DEFICIENCY.....	41,820.00
h.	**GRAND TOTAL**.....	**227,018.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Complete
113.20	AIRCRAFT PARKING APRON	16,710 m2	2,670	12/98	03/01
	TOTAL		2,670		

9. Future Projects:

a. Included In The Following Program (FY 2002):

None

b. Major Planned Next Three Years:

111.10	CRASH STRIP RUNWAYS PH I	905,089 MI	19,781
	TOTAL		19,781

c. Real Property Maintenance Backlog ($000): $ 16,146

10. Mission Or Major Functions:

Maintains and operates facilities and provide services and materials in support of basic and advanced Navy pilot training in jet aircraft. Training Wing Two Three Training Squadrons

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N60241	4. Project Title
NAVAL AIR STATION KINGSVILLE, TEXAS	AIRCRAFT PARKING APRON

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0805796N	113.20	238	Auth 2,670 Appr 0

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
AIRCRAFT PARKING APRON	M2	16,710	-	1,460
PARKING APRON	M2	12,710	70	(890)
BLAST SURFACE	M2	4,000	50	(200)
EXISTING APRON REPAIR & SURFACE REPAINTING	LS	-	-	(370)
SUPPORTING FACILITIES	LS	-	-	1,060
TAXIWAY LIGHTING AND CABLE	LS	-	-	(200)
UTILITIES RELOCATION	LS	-	-	(250)
STORM DRAINAGE	LS	-	-	(210)
EXCAVATION AND SITE PREPARATION	LS	-	-	(400)
SUBTOTAL	-	-	-	2,520
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	2,520
Supervision Inspection & Overhead (6.0%)	-	-	-	150
SUBTOTAL	-	-	-	2,670
AMT FUNDED W/ PRIOR YR UNOBLIGATED BALANCE	LS	-	-	-2,670
TOTAL REQUEST	-	-	-	-
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

Concrete parking apron, blast surface, extension of taxiway lighting, re-routing of the main power circuits, electrical utilities, repair of existing concrete apron surface, underground storm sewer, erosion control, painting/striping of all concrete surfaces, and site improvements.

11. Requirement: 16,710 M2 **Adequate:** 0 M2 **Substandard:** 0 M2

PROJECT:

Constructs concrete parking apron to accommodate 10 additional T-45TS aircraft utilizing the runways at Naval Auxiliary Landing Field (NALF) Orange Grove, TX, extends the taxiway lighting, and re-routes the main power circuit for the entire airfield lighting systems.

Aircraft Parking Apron = 16,710 m2 = 179,865Square Feet
Parking Apron = 12,710 m2 = 136,809 Square Feet
Blast Surface = 4,000m2 = 43,056 Square Feet (Current mission)

(Continued On DD 1391C)

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N60241
NAVAL AIR STATION KINGSVILLE, TEXAS

4. Project Title	7. Project Number
AIRCRAFT PARKING APRON	238

(...continued)

REQUIREMENT:

Aircraft parking is required to support the mission of NALF Orange Grove (supporting NAS Kingsville in training student jet pilots).

CURRENT SITUATION:

The existing apron can handle only seven aircraft. Any more than seven aircraft will result in violation of the 7:1 Transitional Surface. This places a restriction on the amount of aircraft that can be used for training at this outlying field.

IMPACT IF NOT PROVIDED:

Without this project the activity will have to conduct its student jet pilot training operations at a reduced operational level, thereby not meeting its required Pilot-Training Rate.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 12/98
- (B) Date Design 35% Complete..... 03/00
- (C) Date Design Complete..... 04/01
- (D) Percent Complete As Of September 1999..... 5%
- (E) Percent Complete As Of January 2000..... 20%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... No

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 0

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N60241
NAVAL AIR STATION KINGSVILLE, TEXAS

4. Project Title	7. Project Number
AIRCRAFT PARKING APRON	238

(...continued)

(B) All Other Design Costs..... 135
(C) Total..... 135
(D) Contract..... 35
(E) In-House..... 100

(4) Contract Award..... 11/00

(5) Construction Start..... 02/01

(6) Construction Completion..... 11/01

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: LCDR PAUL WEBB Phone No: 512-595-6464

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00178	4. Command	5. Area Constr Cost Index
NAVAL SURFACE WEAPONS CENTER DAHLGREN VIRGINIA	Space and Naval Warfare Systems Command	0.9

6. Personnel Strength	Permanent			Students			Supported			
a. As Of	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
1/20/00	160	573	3,389	0	0	0	91	61	0	4,274
b. End FY 2006	182	704	3,009	0	0	0	91	61	0	4,047

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE	(4,319.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999		388,446.00
c.	AUTHORIZATION NOT YET IN INVENTORY		0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM		11,300.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM		15,116.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS		13,036.00
g.	REMAINING DEFICIENCY		47,550.00
h.	**GRAND TOTAL**		**475,448.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
310.33	INOV TEC & INFRASTRUCTURE	6,507 m2	11,300	01/99	03/01
	TOTAL		11,300		

9. Future Projects:

a. Included In The Following Program (FY 2002):

740.45	FITNESS CENTER ADDITION	1,282 m2	5,963
317.25	THEATER WARFARE INTEG CNTR	3,345 m2	9,153
	TOTAL		15,116

b. Major Planned Next Three Years:

316.10	WEAPONS DYNAMICS RDT&E CTR	616 m2	3,155
310.33	SLBM SPPT FACILITY ADDN	5,249 m2	9,881
	TOTAL		13,036

c. Real Property Maintenance Backlog ($000): $ 27,227

10. Mission Or Major Functions:

To maintain the primary inhouse research and development capability for electronic warfare systems, subsystems, and technology, including strategic systems support such as FBM targeting analysis, guidance computer programs, digital fire control program and geoballistics. Other research efforts consist of, but are not limited to, weapon system safety, chemical/biological warfare defense, tactical intelligence support systems,

(Continued On DD 1390C)

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00178	4. Command	5. Area Constr Cost Index
NAVAL SURFACE WEAPONS CENTER DAHLGREN VIRGINIA	Space and Naval Warfare Systems Command	0.9

(...continued)

weapon ballistics, and satellite geodesy.

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

303

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00178	4. Project Title
DAHLGREN DIV, NAVAL SURFACE WARFARE CTR DAHLGREN VIRGINIA	INNOVATION TECHNOLOGY AND INFRASTRUCTURE

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0605896N	310.33	285	11,300

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
INNOVATION TECHNOLOGY AND INFRASTRUCTURE	M2	6,507	-	9,800
BUILDING	M2	6,507	1,248	(8,120)
BUILT-IN EQUIPMENT	LS	-	-	(560)
INFORMATION SYSTEMS	LS	-	-	(980)
TECHNICAL OPERATING MANUALS	LS	-	-	(140)
SUPPORTING FACILITIES	LS	-	-	860
UTILITIES	LS	-	-	(530)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(220)
DEMOLITION	LS	-	-	(110)
SUBTOTAL	-	-	-	10,660
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	10,660
Supervision Inspection & Overhead (6.0%)	-	-	-	640
TOTAL REQUEST	-	-	-	11,300
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

Two-story steel-frame building, with spread footing foundation, concrete floors, brick veneer, modified bitumen roofing on insulated metal decking, and steel joists with expansion wall; Sensitive Compartmented Information Facility (SCIF) construction, with associated Intrusion Detection System (IDS) for multiple program areas; will contain spaces for laboratories, analysis areas, scientific and technical support, program management, bulk storage room, presentation areas, work group rooms, classified document storage library, data communications equipment rooms, classified and unclassified data system networks and power systems; fire protection and alarm systems, special electronic grounding, heating ventilation and air conditioning (HVAC), direct digital control (DDC), backup generator, utilities, site development including storm water management, landscaping, parking, and sidewalks. Project includes demolition of 30,861 SF of temporary trailer space.

(Continued On DD 1391C)

303

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00178
DAHLGREN DIV, NAVAL SURFACE WARFARE CTR DAHLGREN VIRGINIA

4. Project Title	7. Project Number
INNOVATION TECHNOLOGY AND INFRASTRUCTURE	285

(...continued)

11. Requirement: 6,507 M2 Adequate: 0 M2 Substandard: 0 M2

PROJECT:

Constructs a joint-use multi-program SCIF facility to support Navy Technology Initiatives including: the Navy Operations Other Than War (NOOTW) Technology Center, the Joint Program Office for Special Technology Countermeasures (JPO STC), and the Defense Counterdrug Technology Development Program (Navy is the executive agent for the JPO STC and the Defense Counterdrug Technology Development Program).

Innovation Tech & Infrastructure = 6,507 m2 = 70,041 Square Feet (New mission)

REQUIREMENT:

Adequate and properly configured, collocated and integrated technical research space in a SCIF facility is required to support these national and Navy technology programs with spaces for laboratories, analysis areas, scientific and technical support, and program management.

The Secretary of the Navy (SECNAV) sponsored NOOTW Technology Center is the Navy focal point and clearing-house for concepts and technologies that can be applied to non-war operations. The NOOTW Technology Center is chartered to identify, evaluate, and catalog concepts, technologies, and methodologies that can support NOOTW missions, and develop NOOTW concepts and assess feasibility. The NOOTW programs use and exploit rapidly evolving technology advances, and the Center facilitates the leveraging of technology for the benefit of the Navy through coordination and teaming with other programs. OOTW is an area of increased Navy emphasis and responsibility in the foreseeable future. To effectively execute the program requires adequate collocated and integrated technical research space to bring in personnel from across the Navy to appraise emerging technology advances that run the gamut of security classifications.

CURRENT SITUATION:

Both the JPO STC and the NOOTW Technology Center are currently housed in temporary relocatables (trailers). Current space is congested, inadequate, and does not accommodate integration of technology to support planned requirements. These temporary facilities are not adequate for long term use as a SCIF, have a high maintenance cost, and cannot accommodate the future growth of program requirements. Condition of the

303

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00178
DAHLGREN DIV, NAVAL SURFACE WARFARE CTR DAHLGREN VIRGINIA

4. Project Title	7. Project Number
INNOVATION TECHNOLOGY AND INFRASTRUCTURE	285

(...continued)

trailers is impacting the quality of life and safety of personnel housed there. Space reconfiguration for different compartmented programs contribute to poor HVAC and air circulation.

IMPACT IF NOT PROVIDED:

The Navy Technology Initiatives will continue to utilize existing facilities that are inadequate and expensive to maintain.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 01/99
- (B) Date Design 35% Complete..... 03/99
- (C) Date Design Complete..... 07/01
- (D) Percent Complete As Of September 1999..... 35%
- (E) Percent Complete As Of January 2000..... 55%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... No
- (H) Energy study/life-cycle analysis performed..... No

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 150
- (B) All Other Design Costs..... 920
- (C) Total..... 1070
- (D) Contract..... 970
- (E) In-House..... 100

(4) Contract Award..... 01/01

(5) Construction Start..... 03/01

(6) Construction Completion..... 01/03

303

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00178
DAHLGREN DIV, NAVAL SURFACE/ WARFARE CTR DAHLGREN VIRGINIA

4. Project Title	7. Project Number
INNOVATION TECHNOLOGY AND INFRASTRUCTURE	285

(...continued)

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: Cdr Stephen Eckel Phone No: (703) 663-8521

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N61414	4. Command	5. Area Constr Cost Index
NAVAL AMPHIBIOUS BASE LITTLE CREEK, VIRGINIA	Commander In Chief Atlantic Fleet	0.92

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 1/20/00	1,004	7,730	357	0	275	0	164	302	0	9,832
b. End FY 2006	947	7,257	573	0	258	0	164	302	0	9,501

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (8,621.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999.....	370,991.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	2,830.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	4,286.00
g.	REMAINING DEFICIENCY.....	226,880.00
h.	**GRAND TOTAL**.....	**604,987.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Complete
159.64	WATERFRONT OPS BLDG	1,386 m2	2,830	10/98	05/01
	TOTAL		2,830		

9. Future Projects:

a. Included In The Following Program (FY 2002):

None

b. Major Planned Next Three Years:

872.10	PERIMETER SECURITY	0 LS	1,366
730.20	POLICE & SEC OPRS FAC	1,172 m2	2,920
	TOTAL		4,286

c. Real Property Maintenance Backlog ($000): $ 62,105

10. Mission Or Major Functions:

Serves as the east coast operational base for amphibious ships and units of the Atlantic Fleet Surface Force. Furnish homeport berthing, training, maintenance, personnel and support services. Support annual training exercises. Support Amphibious Assault Ships, Amphibious Construction Battalion, Special Warfare Group Two, Amphibious School Beach Group Two, Service Squadron Eight, Explosive Ordnance Disposal Group Two.

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $0

b. Occupational Safty And Health (OSH) (#): $0

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N61414	4. Project Title
NAVAL AMPHIBIOUS BASE LITTLE CREEK, VIRGINIA	WATERFRONT OPERATIONS BUILDING

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0204796N	159.64	371	2,830

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
WATERFRONT OPERATIONS BUILDING	M2	1,386	-	1,810
WATERFRONT OPERATIONS BUILDING	M2	1,013	1,085	(1,100)
PORT CONTROL OFFICE/TOWER	M2	373	1,386	(520)
TECHNICAL OPERATING MANUALS	LS	-	-	(70)
BUILT IN EQUIPMENT	LS	-	-	(40)
INFORMATION SYSTEMS	LS	-	-	(80)
SUPPORTING FACILITIES	LS	-	-	860
SPECIAL FOUNDATION FEATURES	LS	-	-	(100)
UTILITIES	LS	-	-	(310)
CONTAMINATED OIL REMOVAL	LS	-	-	(100)
DEMOLITION	LS	-	-	(350)
SUBTOTAL	-	-	-	2,670
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	2,670
Supervision Inspection & Overhead (6.0%)	-	-	-	160
TOTAL REQUEST	-	-	-	2,830
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	394

10. Description of Proposed Construction

Construction consists of a concrete masonry structure with brick veneer, pile supported foundation, and modified bituminous roof. Project includes heating, ventilation, and air conditioning systems, domestic water system, sanitary fixtures, electric service and distribution equipment, interior lighting, emergency generator, closed circuit TV system for pier observation, telephone, fire alarm and sprinkler systems. The Waterfront Operations Facility will include administrative spaces for Port Operations staff, observation tower, locker/shower area, publications library, departmental supply storage, classroom, duty crew male and female bunkrooms, and a crew's lounge. The building includes a tool issue room, bosun's locker, hazardous material locker, fuel storage tank, and a storage area for boat gear and oil spill equipment. This project also provides parking, utilities, area lighting, site improvements, landscaping, relocation of existing boat lifts, and demolition of seven buildings.

(Continued On DD 1391C)

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N61414
NAVAL AMPHIBIOUS BASE LITTLE CREEK, VIRGINIA

4. Project Title	7. Project Number
WATERFRONT OPERATIONS BUILDING	371

(...continued)

11. Requirement: 1,386 M2 Adequate: 0 M2 Substandard: 0 M2

PROJECT:

Project constructs a new Waterfront Operations Facility by the intersection of Guadalcanal Road and Fairfax County Road, and upgrades physical security within the harbor.

Waterfront Operations Building = 1,386 m2 = 14,919 Square Feet
Waterfront Operations Building = 1,013 m2 = 10, 904 Square Feet
Port Control Office/Tower = 373 m2 = 4,015 Square Feet (Current mission)

REQUIREMENT:

Adequate facilities are required to provide waterfront operations support for 28 homeported amphibious ships. The Port Operations function also includes providing physical security within the harbor, and serves as an alternate command and control center for force protection.

CURRENT SITUATION:

The Port Operations functions are currently housed in seven, 40 year old facilities located less than 300 feet from the Ammunition Loading Berth, in violation of Navy explosives safety criteria. The Navy's Explosive Safety Criteria Manual (OP-5) requires inhabited buildings to have a separation distance of at least 1,250 feet from ammunition handling areas. Approximately 107 personnel are working in this explosives hazard area under a waiver.

IMPACT IF NOT PROVIDED:

All ordnance loading evolutions at NAVPHIBASE Little Creek will come to a halt if the waiver is withdrawn. Ships homeported at NAVPHIBASE Little Creek will have to load ammunition at either Naval Station Norfolk or Yorktown Ammunition Depot. Recently, Port Operations conducted 33 ammunition loading evolutions during an 11 month period.

Due to fuel consumption required for loading ammunition at these sites, fleet units homeported at NAVPHIBASE Little Creek will lose one "at sea" day per ordnance handling evolution (which equates to 33 lost training days based on the time frame above).

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N61414
NAVAL AMPHIBIOUS BASE LITTLE CREEK, VIRGINIA

4. Project Title	7. Project Number
WATERFRONT OPERATIONS BUILDING	371

(...continued)

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 10/98
- (B) Date Design 35% Complete..... 03/00
- (C) Date Design Complete..... 05/01
- (D) Percent Complete As Of September 1999..... 15%
- (E) Percent Complete As Of January 2000..... 15%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... N/A

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used: DSGN BUILD

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 180
- (B) All Other Design Costs..... 88
- (C) Total..... 268
- (D) Contract..... 168
- (E) In-House..... 100

(4) Contract Award..... 12/00

(5) Construction Start..... 02/01

(6) Construction Completion..... 07/02

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
CCTV CONTROL CENTER	OPN	2002	394

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N61414
NAVAL AMPHIBIOUS BASE LITTLE CREEK, VIRGINIA

4. Project Title	7. Project Number
WATERFRONT OPERATIONS BUILDING	371

(...continued)

Activity POC: CDR STEPHEN LORD Phone No: (757) 464-7285

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00188	4. Command	5. Area Constr Cost Index
NAVAL AIR STATION NORFOLK VIRGINIA	Commander in Chief Atlantic Fleet	0.92

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 1/20/00	960	5,371	1,239	0	0	0	111	166	0	7,847
b. End FY 2006	966	4,496	1,155	0	0	0	111	166	0	6,894

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (0.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999	707,599.00
c.	AUTHORIZATION NOT YET IN INVENTORY	13,430.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM	31,450.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS	660.00
g.	REMAINING DEFICIENCY	113,140.00
h.	**GRAND TOTAL**	**866,279.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
112.10	TAXIWAY EXTENSION & LIGHTS	21,468 m2	6,350	02/99	08/00
211.05	AIRCRFT MNT HANGAR	0 LS	11,800	02/99	10/00
211.05	AIRCRAFT MAINT HANGAR	7,215 m2	13,300	02/99	10/00
	TOTAL		31,450		

9. Future Projects:

a. Included In The Following Program (FY 2002):

None

b. Major Planned Next Three Years:

740.25	FLIGHT LINE SEC IMPROV	0 LS	660
	TOTAL		660

c. Real Property Maintenance Backlog ($000): $ 118,056

10. Mission Or Major Functions:

Homeport to aviation units capable of deploying with carriers and other ships, including eight airborne early warning squadrons (VAW), one tactical support squadron (VRC), two helicopter mine countermeasures squadrons (HM), three LAMPS helicopter squadron (HSL); two helicopter utility squadron (HC), and one fleet composite squadron (VC). Also supports five reserve squadrons, air passenger and freight terminals and the adjacent Naval Aviation Depot.

(Continued On DD 1390C)

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00188	4. Command	5. Area Constr Cost Index
NAVAL AIR STATION NORFOLK VIRGINIA	Commander in Chief Atlantic Fleet	0.92

(...continued)

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00188	4. Project Title
NAVAL AIR STATION NORFOLK VIRGINIA	TAXIWAY EXTENSION AND LIGHTS

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0204696N	112.10	113	6,350

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
TAXIWAY EXTENSION AND LIGHTS	M2	21,468	-	4,440
EXTEND TAXIWAY F	M2	16,431	125	(2,050)
SHOULDERS	M2	5,037	21	(110)
NEW RUNWAY APPROACH LIGHTS	LS	-	-	(850)
TAXIWAY LIGHTING	LS	-	-	(70)
REPAIR LIGHTING	LS	-	-	(1,360)
SUPPORTING FACILITIES	LS	-	-	1,550
SITE IMPROVEMENTS AND DEMOLITION	LS	-	-	(140)
ELECTRICAL UTILITIES	LS	-	-	(360)
LIGHTING VAULT	LS	-	-	(1,050)
SUBTOTAL	-	-	-	5,990
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	5,990
Supervision Inspection & Overhead (6.0%)	-	-	-	360
TOTAL REQUEST	-	-	-	6,350
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

Construction of an extension to parallel taxiway F. The taxiway will be 22.86m wide and include necessary fill material, a stone base 305 millimeters thick and non-reinforced concrete 356 millimeters thick with doweled longitudinal joints, 3.81m paved shoulder, a Visual Guidance Lighting System (SSALS) on the last 427 meters of the runway, new taxiway lights on the new taxiway extension, repairs to existing lights on the runway and taxiways, and replacement of the existing airfield lighting vault and regulators. Demolition of one building.

11. Requirement: 21,468 M2 Adequate: 0 M2 Substandard: 0 M2

PROJECT:

The project extends the existing partial south side parallel taxiway to create a full length taxiway for use by the aircraft transiting to and from the south side of the airfield, and provides new approach lighting system and repairs to runway threshold, centerline, edge and taxiway lights.

(Continued On DD 1391C)

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00188
NAVAL AIR STATION NORFOLK VIRGINIA

4. Project Title	7. Project Number
TAXIWAY EXTENSION AND LIGHTS	113

(...continued)

Taxiway Extension and Lights = 21,468 m2 = 231,080 Square Feet
Extend Taxiway F = 16,431 m2 = 176,862 Square Feet
Shoulders = 5,037 m2 = 54,218 Square Feet (Current mission)

REQUIREMENT:

A full-length south side taxiway is needed to provide separation of ordnance laden aircraft from the passenger terminal by providing direct access to/from both ends of the runway, and alternate access to the air cargo/air passenger terminals and the ordnance storage facilities on the south side of NAS Norfolk. Requirements for approach lights are based on Navy and Federal Aviation Administration (FAA) criteria.

CURRENT SITUATION:

NAS Norfolk supports 15 Fleet and Reserve squadrons, and air passenger and air cargo operations. Aircraft operating from the south side, which are often returning from the ordnance handling pad laden with ordnance, do not have direct access to the opposite end of the active runway and must either: (a) cross the active runway to gain access to the full length north side taxiway, which increases the possibility of a collision, or (b) taxi through the highly congested air cargo / air passenger parking aprons, and an indirect series of taxitracks to the other end of the primary runway. Aircraft movement through the convoluted southern route conflicts with both air cargo and air passenger operations and creates additional risk of aircraft accidents. The tempo of air cargo and air passenger flights has increased significantly over the past few years due to the closure of the Air Mobility Command (AMC) in Philadelphia. The Air Passenger Terminal is a major East Coast AMC hub which handles in excess of 150,000 passengers per year and 25,401 metric-tons of cargo annually. To accommodate the increased air passenger demand larger aircraft are being used on overseas flights. This increases the potential for larger numbers of casualties in the event of an accident.

The ambient lighting from the piers and surrounding buildings, and Interstate 564 makes it more difficult for pilots to clearly distinguish the airfield from the surrounding area and delays final visual acquisition of the runway. The addition of the approach lighting system to Runway 28 will greatly improve all pilots' ability to find the runway at night and during severe weather conditions. Commercial pilots will benefit from the approach lights, since they do not fly precision radar approaches. The existing lighting vault is in the runway clear zone, in violation of FAA

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00188
NAVAL AIR STATION NORFOLK VIRGINIA

4. Project Title	7. Project Number
TAXIWAY EXTENSION AND LIGHTS	113

(...continued)

criteria. The lighting regulators require a voltage that is obsolete, and they are unsafe and difficult to maintain.

IMPACT IF NOT PROVIDED:

Without a full-length taxiway on the south side, large cargo aircraft and ordnance laden aircraft from the ordnance loading area will continue to taxi through the air passenger terminal passenger loading areas to reach the taxiway or taxi across the active runway. Both of these options create safety hazards.

The Air Passenger Terminal has increased the night flights to NAS Norfolk and over fifty percent of the approaches are instrument approaches. The failure to install the approach lights increases the chance of accidents. Failure to repair existing lights could force the runway to close for repairs if they fail or result in an accident if the lights fail during a landing.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 02/99
- (B) Date Design 35% Complete..... 01/00
- (C) Date Design Complete..... 08/00
- (D) Percent Complete As Of September 1999..... 15%
- (E) Percent Complete As Of January 2000..... 35%
- (F) Type of Design Contract..... Design/Bid/Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used: N/A

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 360
- (B) All Other Design Costs..... 120
- (C) Total..... 480

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00188
NAVAL AIR STATION NORFOLK VIRGINIA

4. Project Title	7. Project Number
TAXIWAY EXTENSION AND LIGHTS	113

(...continued)

(D) Contract..... 380
(E) In-House..... 100

(4) Contract Award..... 11/00

(5) Construction Start..... 12/00

(6) Construction Completion..... 12/01

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: LCdr Christopher Kiwus Phone No: (757) 444-2048

302

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00188	4. Project Title
NAVAL AIR STATION NORFOLK VIRGINIA	AIRCRAFT MAINTENANCE HANGAR

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0204696N	211.05	522	11,800

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
AIRCRAFT MAINTENANCE HANGAR	LS	-	-	8,810
MAINTENANCE HANGAR	M2	3,608	1,174	(4,240)
BUILT-IN EQUIPMENT	LS	-	-	(1,170)
TAXIWAY, PARKING APRON, OVERLAY	m2	95,302	34	(3,240)
INFORMATION SYSTEMS	LS	-	-	(60)
TECHNICAL OPERATING MANUALS	LS	-	-	(100)
SUPPORTING FACILITIES	LS	-	-	2,320
SPECIAL FOUNDATION FEATURES (PILES)	LS	-	-	(240)
ELECTRICAL UTILITIES	LS	-	-	(280)
MECHANICAL UTILITIES	LS	-	-	(120)
ROADS, PARKING & SIDEWALKS	LS	-	-	(70)
RELOCATE CALIBRATION PAD	LS	-	-	(460)
DEMOLITION	LS	-	-	(1,120)
ENVIRONMENTAL PROTECTION	LS	-	-	(30)
SUBTOTAL	-	-	-	11,130
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	11,130
Supervision Inspection & Overhead (6.0%)	-	-	-	670
TOTAL REQUEST	-	-	-	11,800
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

Construct a one module, Type I Modified Aircraft Maintenance Hangar on reinforced concrete pile foundation. The project will also construct 3,303 m2 of taxiway and 18,152 m2 of parking apron and overlay 73,847 m2 of existing parking apron with Resin Modified Paving. Construction features for the hangar will consist of reinforced concrete floors, metal frame and Concrete Masonry Unit (CMU) block walls, steel-trussed ceiling, built-up roofing, fire sprinkler system in administrative areas and Aqueous Film Forming Foam (AFFF) sprinkler system in the hangar bays, and two 6804 Kg bridge cranes. Height of the hangar will be increased to accommodate E-2C planes. The hangar module will contain administrative, equipment and hangar space. Additional items include utilities (electrical and mechanical), site improvements, 400 Hz D.C. power

(Continued On DD 1391C)

302

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00188
NAVAL AIR STATION NORFOLK VIRGINIA

4. Project Title	7. Project Number
AIRCRAFT MAINTENANCE HANGAR	522

(...continued)
distribution system, compressed air system, air conditioning and heating of personnel administrative spaces, and state of the art energy savings equipment; demolition of seven buildings and associated asbestos removal; new parking apron and overlay of existing parking apron for E-2C planes and new parking for 100 vehicles; demolition and relocation of calibration Pad LP67.

11. Requirement: 0 LS Adequate: 0 LS Substandard: 0 LS

PROJECT:
This project will construct a one module, modified Type I Aircraft Maintenance Hangar for VAW 123 and 124.

Maintenance Hangar = 3,608 m2 = 38,836 Square Feet
Taxiway, Parking Apron, Overlay = 95,302 m2 = 1,025,822 Square Feet
(Current mission)

REQUIREMENT:

Adequate space is required for the squadrons VAW 123 and 124. The Naval Air Station is tasked to support the Airborne Early Warning Squadrons VAW 123 and 124, which are located in a WWII maintenance hangar in the (SP) area of the Naval Air Station. The Naval Air Station has a requirement for 37,881 m2 of Type I Maintenance Hangars. Nine hangars are planned for demolition in a long range Hangar Master Plan, due to structural deterioration, inefficient floor plans and hangar location. Replacement of these hangars has been approved in the master plan for NAS Norfolk by Chief of Naval Operations (CNO). This project along with P-523, P-524, and P-525 will complete the hangar replacement.

CURRENT SITUATION:

The existing LP hangars were originally designed to support fixed-wing, reciprocating engine aircraft, and lack the facilities necessary to perform maintenance and hands-on maintenance training in support of the more sophisticated aircraft of the squadrons currently housed in the hangars. These hangars and three hangars in the SP area are planned for demolition because they cannot be made adequate economically. Dependency on computers for records, mail and training is increasing, but electrical power is not sufficient. In SP1, which houses the VAW 123 and VAW 124 squadrons, the roof boards have been replaced in sections, but rainfall inside the hangar is measurable. There are no cranes inside the hangar for removal of the E-2C dome. The floor is buckling and there are rainwater

302

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00188
NAVAL AIR STATION NORFOLK VIRGINIA

4. Project Title	7. Project Number
AIRCRAFT MAINTENANCE HANGAR	522

(...continued)

puddles in the hangar. The concrete floor is being patched with asphalt, but asphalt will not stand up to the aircraft weight and jet fuel. The maintenance backlog on SP1 is $5,000,000. SP is typical of all the WWII hangars. The VAW squadrons in the SP area are an operational hazard because they must taxi across Bellinger Blvd., a main automobile traffic corridor traversing the airfield. The overlay in the project is to correct a parking apron that was the subject of a Naval Aviation Hazard Report dated 6 Nov 97. Some of the parked aircraft penetrate runway clearance surface requiring airfield safety waivers. The demolition of LP2, LP6, LP7, LP12, LP27 and LP28 will free up parking apron to eliminate this waiver.

IMPACT IF NOT PROVIDED:

Old, inadequate and inefficient WWII hangars will continue to be used for maintenance of expensive Navy aircraft. Shortages in aircraft hangar space will become more severe. There will continue to be shortages in parking apron.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 02/99
- (B) Date Design 35% Complete..... 01/00
- (C) Date Design Complete..... 10/00
- (D) Percent Complete As Of September 1999..... 15%
- (E) Percent Complete As Of January 2000..... 35%
- (F) Type of Design Contract..... Design/Bid/Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used: N/A

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 650
- (B) All Other Design Costs..... 325

302

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00188
NAVAL AIR STATION NORFOLK VIRGINIA

4. Project Title	7. Project Number
AIRCRAFT MAINTENANCE HANGAR	522

(...continued)

(C) Total..... 975
(D) Contract..... 525
(E) In-House..... 450

(4) Contract Award..... 12/00

(5) Construction Start..... 01/01

(6) Construction Completion..... 07/02

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: LCdr Christopher Kiwus Phone No: (757) 444-2048

302

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00188	4. Project Title
NAVAL AIR STATION NORFOLK, VIRGINIA	AIRCRAFT MAINTENANCE HANGAR

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0204696N	211.05	524	13,300

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
AIRCRAFT MAINTENANCE HANGAR	m2	7,215	-	9,020
AIRCRAFT MAINTENANCE HANGAR	m2	7,215	1,126	(8,120)
BUILT-IN EQUIPMENT	LS	-	-	(700)
INFORMATION SYSTEMS	LS	-	-	(80)
TECHNICAL OPERATING MANUALS	LS	-	-	(120)
SUPPORTING FACILITIES	LS	-	-	3,530
SPECIAL FOUNDATION FEATURES	LS	-	-	(510)
ELECTRICAL UTILITIES	LS	-	-	(490)
MECHANICAL UTILITIES	LS	-	-	(300)
ROADS, PARKING AND SIDEWALKS	LS	-	-	(150)
AIRFIELD PAVEMENT REPLACEMENT	LS	-	-	(1,120)
DEMOLITION	LS	-	-	(960)
SUBTOTAL	-	-	-	12,550
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	12,550
Supervision Inspection & Overhead (6.0%)	-	-	-	750
TOTAL REQUEST	-	-	-	13,300
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

This project will construct a double module, Type I Aircraft Maintenance Hangar on reinforced concrete pile foundation. Construction features for the hangar consist of reinforced concrete floors, metal frame and Concrete Masonry Unit (CMU) walls, steel-truss ceiling, built-up roofing, fire sprinkler system in administrative areas and Aqueous Film Forming Foam (AFFF) sprinkler system in the hangar bays, and two 6804 kg bridge cranes. The hangar will contain administrative, equipment and maintenance space. Additional items include utilities (electrical and mechanical), Naval Air Logistics Control Office Management Information System (NALCOMIS), site improvements, 400Hz D.C. power distribution system, compressed air system, air conditioning and heating of personnel administrative spaces, and state of the art energy savings equipment. Project includes demolition of Buildings SP31, SP1 02, SPI 05, SP241 and SP228 (11,130 m2). These buildings contain asbestos. Project includes new parking for 200

(Continued On DD 1391C)

302

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00188
NAVAL AIR STATION NORFOLK, VIRGINIA

4. Project Title	7. Project Number
AIRCRAFT MAINTENANCE HANGAR	524

(...continued)
vehicles.

11. Requirement: 7,215 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:
Constructs an aircraft maintenance hangar.

Aircraft Maintenance Hangar = 7,215 m2 = 77,662 Square Feet (Current mission)

REQUIREMENT:

Adequate space is required to support the NAS Norfolk Hangar Plan requirements for maintenance hangar space and aircraft parking apron. NAS Norfolk has a total requirement for 36,080 m2 of Type I hangar space. This project will construct a double module, Type 1 hangar for the helicopter squadrons HC-2 and HCS-4. This project will demolish 11,130 m2 of inadequate hangar space. A parking apron deficiency in the LP apron will be corrected by this project. This is an airfield recapitalization investment project to support current mission requirements. This project is the third of five projects and the first project in the SP area, which will complete the NAS Norfolk Hangar Plan.

CURRENT SITUATION:

NAS Norfolk has nine WWII maintenance hangars designed for aircraft no longer used by the Navy. These hangars are beyond economical repair and need to be replaced. The electrical panels in these hangars are no longer manufactured. Numerous electrical violations exist in these hangars. An insufficient amount of electrical power exists, which reduces the number of computers and fax machines that can be used and increase the risk of damage to computers and repair equipment. These electrical problems cause delays in receiving parts, longer training time and delays in maintenance. The configuration is not compatible for the space requirements of today's squadrons, resulting in the use of line shacks outside the hangars. One hangar, SP1 is in the process of being permanently closed due to safety concerns. SP1 is typical of these hangars, and several other hangars are reporting hazardous conditions. In LP2, the existing two 225KVA 120/208volt transformers do not have sufficient power to support new frequency converters and motor generator sets. To be made adequate, all of these hangars require a complete renovation. In SP1, which houses squadrons VAW 123, 124, 125, and 126, the roof boards have been replaced in sections, however rainfall inside the building from both the roof and

302

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00188
NAVAL AIR STATION NORFOLK, VIRGINIA

4. Project Title	7. Project Number
AIRCRAFT MAINTENANCE HANGAR	524

(...continued)

windows is plentiful.

IMPACT IF NOT PROVIDED:

Continued use of these hangars will require emergency repairs and costly utility bills (due to the large footprints). The loss of hangar SP1 will severely limit the capability of the VAW squadrons to remove the dome from their plane. Maintenance time will be lengthened, as aircraft need to wait for an available hangar space with the crane and required ceiling height to remove the domes. Failure to replace these hangars also increases the threat to personnel from falling roof boards and electrical shock, and will increase damages to aircraft and equipment. Failure to implement the Hangar Plan will require E-2C aircraft to taxi across Bellinger Blvd., an automobile traffic corridor traversing the airfield. Not only does this waste time and fuel, but this causes an operational hazard.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 02/99
- (B) Date Design 35% Complete..... 02/00
- (C) Date Design Complete..... 10/00
- (D) Percent Complete As Of September 1999..... 15%
- (E) Percent Complete As Of January 2000..... 30%
- (F) Type of Design Contract..... Design/Bid/Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used: N/A

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 650
- (B) All Other Design Costs..... 325
- (C) Total..... 975
- (D) Contract..... 525

302

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00188
NAVAL AIR STATION NORFOLK, VIRGINIA

4. Project Title	7. Project Number
AIRCRAFT MAINTENANCE HANGAR	524

(...continued)

(E) In-House..... 450

(4) Contract Award..... 12/00

(5) Construction Start..... 01/01

(6) Construction Completion..... 06/02

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
			0

Activity POC: LCdr Christopher Kiwus Phone No: (757) 444-2048

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N62688	4. Command	5. Area Constr Cost Index
NAVAL STATION NORFOLK VIRGINIA	Commander in Chief Atlantic Fleet	0.92

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 1/20/00	3,216	38,925	7,288	0	0	0	280	513	0	50,222
b. End FY 2006	3,237	44,008	6,612	0	0	0	280	513	0	54,650

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (0.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999.....	625,803.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	33,330.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	4,700.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	36,882.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	183,923.00
g.	REMAINING DEFICIENCY.....	486,954.00
h.	**GRAND TOTAL**.....	**1,371,592.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
151.20	PIER ENHANCEMENTS	0 LS	4,700	11/98	10/99
	TOTAL		4,700		

9. Future Projects:

a. Included In The Following Program (FY 2002):

# 821.09	CONTROL PLANT ASBESTOS	49,975 m2	3,680	
151.20	PIER 3 REPLACEMENT	914 MB	23,578	
211.05	ACFT MAINT HANGAR REPL	3,608 m2	9,624	
	TOTAL		36,882	

b. Major Planned Next Three Years:

151.20	PIER REPLACEMENT	0 LS	38,053	
151.20	PIER 10 BUILD-OUT	457 MB	45,275	
112.10	AIRFIELD RECAP (PH I)	0 LS	4,709	
112.10	AIRFIELD RECAP PH II	53,841 m2	4,710	
151.20	PIER 3 REPLACEMENT (PH II)	914 MB	29,260	
165.10	DREDGING	130,000 CY	1,790	
211.05	MAINTENANCE HANGARS	3,608 m2	11,491	
610.10	2ND FLEET OPS CTR	32,799 m2	30,240	
730.10	FIRE STATION	1,195 m2	4,163	
610.10	COMMAND OPS FACILITY	140,000 SF	14,232	
	TOTAL		183,923	

(Continued On DD 1390C)

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N62688	4. Command	5. Area Constr Cost Index
NAVAL STATION NORFOLK VIRGINIA	Commander in Chief Atlantic Fleet	0.92

(...continued)

c. Real Property Maintenance Backlog ($000): $ 268,276

10. Mission Or Major Functions:

Functions as the primary operating base of the Atlantic Fleet, homeport to over 80 ships, including aircraft carriers, surface escorts and other combatants, logistics support ships, and attack submarines. This station is the hub of the major Tidewater Logistics Complex of Hampton Roads, Portsmouth, Yorktown and Little Creek. Supporting the following activities: Amphibious Group Naval Air Station Cruiser-Destroyer Group Naval Aviation Depot (to be closed) Attack Submarine Squadrons Nuclear Weapons Training Center Fleet Training Center Navy Public Works Center Shore Intermediate Maint. Act. Naval Supply Center Service Group

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $0

b. Occupational Safty And Health (OSH) (#): $3,680

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N62688	4. Project Title
NAVAL STATION NORFOLK, VIRGINIA	PIER ENHANCEMENTS

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0204796N	151.20	099A	4,700

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PIER ENHANCEMENTS	LS	-	-	-
SUPPORTING FACILITIES	LS	-	-	4,430
ELECTRICAL UTILITIES	LS	-	-	(870)
DEMOLITION	LS	-	-	(840)
DREDGING	LS	-	-	(2,720)
SUBTOTAL	-	-	-	4,430
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	4,430
Supervision Inspection & Overhead (6.0%)	-	-	-	270
TOTAL REQUEST	-	-	-	4,700
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

This project provides enhancements to Berthing Pier 21 to include: dredging to a depth of 12.2m (+/-0.6m) 131.3 square feet to provide sufficient depth for Deep-Draft, Power-Intensive ships; demolition of Pier 22 and acquisition and installation of four additonal weatherproof enclosed 4000 kVA skid-mounted secondary unit substations.

11. Requirement: 0 LS Adequate: 0 LS Substandard: 0 LS

PROJECT:

This project will demolish Pier 22, dredge pier approach and ship berthing areas to a depth sufficient to accommodate deep-draft surface ships and acquire and install additional electrical substations to support berthed ships. (Current mission)

REQUIREMENT:

The comprehensive Regional waterfront Plan for the Hampton Roads region requires berthing for ship loading of 89 ships and utilizing ship nesting. The project will provide necessary additional electrical utilities, dredging at Pier 21 and the demolition of Pier 22 to provide efficient and safe general purpose berthing capability in support of the U.S. Atlantic Fleet.

(Continued On DD 1391C)

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N62688
NAVAL STATION NORFOLK, VIRGINIA

4. Project Title	7. Project Number
PIER ENHANCEMENTS	099A

(...continued)

CURRENT SITUATION:

Pier 22 is inadequate and needs to be demolished as it encumbers the Pier 21 ship maneuver and berthing areas. Pier 22 deficiencies include structural limitations and inadequate deck access and laydown areas to support current and future ship berthing operations. Upon completion, Pier 21 will have adequate structural capacity and deck area but will lack sufficient electrical substations to allow maximum utilization of its ship berthing capability. Dredge depth will be sufficient for older classes of surface compatants but will be insufficient for modern deep-draft, power-intensive ships. Pier 22 must be demolished to allow utilization of Pier 21's north side berthing areas.

IMPACT IF NOT PROVIDED:

If this project is not completed, requirements of the Regional Waterfront Plan will not be met. Recapitalization goals of the region's waterfront will be delayed. Full utilization of Pier 21 will not be realized without additional electrical utilities, dredging and the demolition of Pier 22.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 11/98
- (B) Date Design 35% Complete..... 05/99
- (C) Date Design Complete..... 10/99
- (D) Percent Complete As Of September 1999..... 95%
- (E) Percent Complete As Of January 2000..... 100%
- (F) Type of Design Contract..... Design/Bid/Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:
- (A) Standard or Definitive Design: Yes
- (B) Where Design Was Most Recently Used: P355 NORFK

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 300

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N62688
NAVAL STATION NORFOLK, VIRGINIA

4. Project Title	7. Project Number
PIER ENHANCEMENTS	099A

(...continued)

(B) All Other Design Costs..... 145
(C) Total..... 445
(D) Contract..... 400
(E) In-House..... 45

(4) Contract Award..... 11/00

(5) Construction Start..... 11/00

(6) Construction Completion..... 01/02

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: CDR DAVID PHILLIPS Phone No: (757) 322-2351

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N60191	4. Command	5. Area Constr Cost Index
NAVAL AIR STATION OCEANA VIRGINIA BEACH VIRGINIA	Commander in Chief Atlantic Fleet	0.92

6. Personnel Strength	Permanent			Students			Supported			
a. As Of	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
6/30/99	654	6,029	1,473	100	152	0	83	125	0	8,616
b. End FY 2006	959	8,056	1,487	167	0	0	83	125	0	10,877

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (23,501.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999.....	332,203.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	5,250.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	4,188.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	5,830.00
g.	REMAINING DEFICIENCY.....	194,654.00
h.	**GRAND TOTAL**.....	**542,125.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Complete
111.10	AIRFIELD IMPROVEMENTS	394,858 m2	5,250	07/99	07/00
	TOTAL		5,250		

9. Future Projects:

a. Included In The Following Program (FY 2002):

141.11	AIR PASSENGER CARGO TERM	2,792 m2	4,188
	TOTAL		4,188

b. Major Planned Next Three Years:

872.10	AIRFIELD PERIMETER SEC	0 LS	3,899
136.10	AIRFIELD APPROACH LIGHTING	3,355 m	1,931
	TOTAL		5,830

c. Real Property Maintenance Backlog ($000): $ 110,551

10. Mission Or Major Functions:.

This Atlantic Fleet master jet base provides operational support to 12 fighter squadrons (F-14) and eight medium attack squadrons (A-6) which deploy on Atlantic Fleet aircraft carriers, one adversary fighter squadron, two reserve units, and two Fleet Readiness Squadrons. It also provides support to ALF (Auxiliary Landing Field) Fentress.

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N60191	4. Project Title
NAVAL AIR STATION OCEANA, VIRGINIA	AIRFIELD IMPROVEMENTS

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0204696N	111.10	758	5,250

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
AIRFIELD IMPROVEMENTS	M2	394,858	-	4,950
REHABILITATE RUNWAY & HOLD AREAS 14R/32L	M2	202,745	10	(2,030)
REHABILITATE RUNWAY & HOLD AREAS 14L/32R	M2	120,007	12	(1,440)
REPAIR TAXIWAY 5	M2	60,923	16	(970)
MISC RUNWAY LIGHTING REPAIRS	LS	-	-	(50)
MISC REPAIRS TO TAXIWAY 14 & TAXIWAY C	M2	11,183	41	(460)
SUPPORTING FACILITIES		-	-	-
SUBTOTAL	-	-	-	4,950
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	4,950
Supervision Inspection & Overhead (6.0%)	-	-	-	300
TOTAL REQUEST	-	-	-	5,250
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

Pavement upgrades and repairs to Portland cement concrete (PCC) runways and taxiways (partial and full-depth slab replacement, base course removal and replacement, crack sealing, and joint repair and resealing); upgrades/repairs to asphalt surfaced pavements (milling and applying an asphalt overlay); and repainting of disturbed pavement markings on repaired pavements. Miscellaneous runway lighting repairs at isolated locations involves resetting light bases, replacing wiring and fixtures.

11. Requirement: 394,858 M2 Adequate: 0 M2 Substandard: 0 M2

PROJECT:
Provide critical repairs to Runway 14R/32L, Runway 14L/32R and two primary taxiways.

Airfield Improvements = 394,858m2 = 4,250,216 Square Feet
Rehabilitate Runway & Hold Areas 14R/32L = 202,745 m2 = 2,182,329 Square Feet
Rehabilitate Runway & Hold Areas 14L/32R = 120,007 m2 = 1,291,745 Square Feet
Repair Taxiway 5 = 60,923 m2 = 648,988 Square Feet
Misc Repairs to Taxiway 14 & Taxiway C = 11,183 m2 = 120,373 Square Feet

(Continued On DD 1391C)

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N60191
NAVAL AIR STATION OCEANA, VIRGINIA

4. Project Title	7. Project Number
AIRFIELD IMPROVEMENTS	758

(...continued)
(Current mission)

REQUIREMENT:

Adequate runway and taxiway pavements are required to accommodate the mission of Naval Air Station Oceana in maintaining Fleet readiness as a Master Jet Base. Specific pavements require improvements to maintain their surface condition (PCI). Pavements require strengthening to support the anticipated day-to-day aircraft traffic for the next 20 years.

CURRENT SITUATION:

These airfield pavements have deteriorated due to a combination of factors: pavement age, high usage (the repeated loading from tactical aircraft having high tire pressures and from increased numbers of heavy transport aircraft), pavement subgrade failure due to overloading, and isolated locations of latent construction defects and damage from freeze/thaw cycles. Deteriorating pavement surface conditions on Runways 14L and 14R and taxiways present a significant Foreign Object Damage (FOD) hazard to operating aircraft. Ingesting fragments of pavement or joint sealant can severely damage or destroy an aircraft engine, and FOD is a constant threat to the safety of aircraft, pilots, air crews and civilian populations.

In FY98, 24 Oceana based aircraft engines were FOD-ed from external sources: concrete, asphalt, joint sealant, etc. In FY-98 the Navy spent $1,647,551 for the repair of aircraft engines damaged by debris from deteriorated pavements at NAS Oceana.

IMPACT IF NOT PROVIDED:

If this project is not provided, NAS Oceana airfield pavements will continue to deteriorate. The potential for Foreign Object Damage (FOD) to operating aircraft will increase dramatically. Personnel safety will be jeopardized while the aircraft is in flight, landing/taking-off, and undergoing maintenance. Unsuitable pavement conditions may dictate pavement areas be closed unexpectedly, preventing the support of assigned squadron aircraft, transient aircraft and cargo aircraft. Runways, Taxiways and Aircraft Parking Apron pavements are MISSION ESSENTIAL, CORE INFRASTRUCTURE for a Master Jet Base. In addition, closed pavement areas severely impact the airfield operational mission and increase the emergency response times in the event of an airfield emergency. Runway

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N60191
NAVAL AIR STATION OCEANA, VIRGINIA

4. Project Title	7. Project Number
AIRFIELD IMPROVEMENTS	758

(...continued)

14/32, pavement replacement and strengthening is more cost efficient than repeated short-term repairs, aircraft maintenance actions, and potential costs related to safety and personnel injury.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 07/99
- (B) Date Design 35% Complete..... 01/00
- (C) Date Design Complete..... 07/00
- (D) Percent Complete As Of September 1999..... 25%
- (E) Percent Complete As Of January 2000..... 35%
- (F) Type of Design Contract..... Design/Bid/Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... No

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used: N/A

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 300
- (B) All Other Design Costs..... 290
- (C) Total..... 590
- (D) Contract..... 500
- (E) In-House..... 90

(4) Contract Award..... 12/00

(5) Construction Start..... 01/01

(6) Construction Completion..... 12/01

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: CDR MICHAEL STOLL Phone No: (757) 433-3321

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00181	4. Command	5. Area Constr Cost Index
NORFOLK NAVAL SHIPYARD PORTSMOUTH VIRGINIA	Naval Sea Systems Command	0.92

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 1/20/00	123	531	8,333	0	50	0	206	2,660	0	11,903
b. End FY 2006	141	606	8,554	0	63	0	224	4,011	0	13,599

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (787.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999	112,361.00
c.	AUTHORIZATION NOT YET IN INVENTORY	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM	16,100.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS	18,492.00
g.	REMAINING DEFICIENCY	241,120.00
h.	**GRAND TOTAL**	**388,073.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
721.11	BEQ	9,790 m2	16,100	08/99	05/01
	TOTAL		16,100		

9. Future Projects:

a. Included In The Following Program (FY 2002):

None

b. Major Planned Next Three Years:

740.74	CHILD DEV CTR	2,302 m2	3,892
152.50	PIER 3 IMPVS	305 LM	14,600
	TOTAL		18,492

c. Real Property Maintenance Backlog ($000): $ 74,952

10. Mission Or Major Functions:

Maintenance and overhaul of conventional and nuclear powered ships up to and including aircraft carriers, surface ships, and attack submarines. Logistic support provided includes conversion, overhaul, repair, alterations, and dry docking of surface ships and modern submarines. Provide support of air, anti-air, and anti-submarine warfare weapon systems.

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $0

b. Occupational Safty And Health (OSH) (#): $0

307

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00181	4. Project Title
NORFOLK NAVAL SHIPYARD PORTSMOUTH, VIRGINIA	BACHELOR ENLISTED QUARTERS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0702096N	721.11	504	16,100

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
BACHELOR ENLISTED QUARTERS	M2	9,790	-	12,280
BACHELOR ENLISTED QUARTERS	M2	9,790	1,230	(12,040)
INFORMATION SYSTEMS	LS	-	-	(170)
TECHNICAL OPERATING MANUALS	LS	-	-	(70)
SUPPORTING FACILITIES	LS	-	-	2,910
SPECIAL FOUNDATION FEATURES	LS	-	-	(590)
ELECTRICAL UTILITIES	LS	-	-	(590)
MECHANICAL UTILITIES	LS	-	-	(520)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(820)
DEMOLITION	LS	-	-	(390)
SUBTOTAL	-	-	-	15,190
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	15,190
Supervision Inspection & Overhead (6.0%)	-	-	-	910
TOTAL REQUEST	-	-	-	16,100
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

Construct a multi-story interior corridor bachelor enlisted quarters with concrete pile foundations, slab on grade, brick Concrete Masonry Unit (CMU) exterior walls, terne-coated stainless-steel roof and downspouts. The facility will consist of 100 "2 + 0" modules transient quarters, with semi-private heads and private closets. The structure will include high efficiency central heating/air conditioning, telephone and local area network (LAN) cable, elevators, fire alarm system, sprinklers with fire pump, and utilities. Core area will include lobby, administrative services, activity spaces, telephone cubicles, laundry, and vending area, electrical and mechanical utilities, landscaping with irrigation systems and parking. Provide brick courtyard area and a volleyball court. Demolish one building for parking. Special construction features include pile foundations and force protection.

Intended utilization: 356 (312 E1-E4 and 44 E5-E6); Maximum utilization: 400 (E1-E4).

(Continued On DD 1391C)

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00181
NORFOLK NAVAL SHIPYARD PORTSMOUTH, VIRGINIA

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS	504

(...continued)

11. Requirement: 4,310 PN Adequate: 1,289 PN Substandard: 0 PN

PROJECT:

Construct a new multi-story transient bachelor enlisted quarters within the secured boundaries of the Norfolk Naval Shipyard.

Bachelor Enlisted Quarters = 9,790 m2= 105,379 Square Feet (Current mission)

REQUIREMENT:

Adequate housing is required for transient personnel during ship overhaul. Norfolk Naval Shipyard modernizes and repairs all class of Navy ships and submarines. Enlisted crew must have adequate housing while ships are in overhaul. The shipyard currently has a large deficiency of BEQ spaces to support workload. There's a requirement for 1398 E1-E4 transient beds, 2240 E5-E6, and 672 E7-E9 transient beds. The shipyard plans to meet its enlisted personnel housing requirement through existing BEQ replacements and new construction. This project is the second phase of the NNSY BEQ Phasing Plan. This project is consistent with the Regional One plus One Transition Plan for Norfolk Naval Shipyard.

CURRENT SITUATION:

The shipyard currently has a deficiency of quarters for transient enlisted military personnel. The deteriorated living conditions faced by crews remaining on-board ships during overhauls are demoralizing and disruptive to shipboard routine. Frequent interruptions of heat, air conditioning, steam, water, and electrical services combined with a generally noisy, dirty environment render many shipboard areas uninhabitable. During ship overhauls sailors are housed in quarters in the shipyard, in lease spaces in the Plymouth area, or on berth barges. The west wing of building 1439 (Dale Hall) is currently used to house transient sailors in the shipyard. The East wing was closed in FY96 due to its condition, and the entire building is listed as inadequate and is scheduled for demolition and replacement in Military Construction Project P-508, BEQ Replacement. Leasing rooms in the area requires a long lead time for approximately 544 individuals, which may not be available in one location. Providing transportation to and from hotels is a major cost and is not economically feasible to the Navy. Barges are only used if no other option is available.

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00181
NORFOLK NAVAL SHIPYARD PORTSMOUTH, VIRGINIA

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS	504

(...continued)

IMPACT IF NOT PROVIDED:

If this project is not accomplished, contract with local hotel establishments or the use of berthing barges will be necessary to provide living spaces for enlisted personnel. This will result in personnel being house in different locations or in inadequate conditions, which will adversely affect morale and camaraderie. There will continue to be a large deficiency of bachelor enlisted housing and existing egregious conditions will continue to erode and undermine the Navy's Quality of Life Program for military personnel.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 08/99
- (B) Date Design 35% Complete..... 12/99
- (C) Date Design Complete..... 05/01
- (D) Percent Complete As Of September 1999..... 15%
- (E) Percent Complete As Of January 2000..... 35%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... N/A
- (H) Energy study/life-cycle analysis performed..... N/A

(2) Basis:
- (A) Standard or Definitive Design: Yes
- (B) Where Design Was Most Recently Used: P508

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 600
- (B) All Other Design Costs..... 400
- (C) Total..... 1000
- (D) Contract..... 50
- (E) In-House..... 950

(4) Contract Award..... 12/00

(5) Construction Start..... 01/01

307

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00181
NORFOLK NAVAL SHIPYARD PORTSMOUTH, VIRGINIA

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS	504

(...continued)

(6) Construction Completion..... 10/02

B. Equipment associated with this project which will be provided from other appropriations: NONE.

C. FY 1999 Unacccompanied Housing Real Property Maint Conducted ($000) 0
D. FY 2000 Unacccompanied Housing Real Property Maint Conducted ($000) 260
E. Future Unacccompanied Housing Real Property Maint Requirements ($000) 2635
Activity POC: CDR STUART PERRITT Phone No: 757-396-8141

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00
3. Installation and Location/UIC: M00264	4. Command	5. Area Constr Cost Index
MARINE CORPS BASE QUANTICO VIRGINIA	Commandant of the Marine Corps	0.92

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 6/30/99	149	1,345	1,071	995	697	1,444	725	1,901	2,624	10,951
b. End FY 2006	150	1,346	976	995	697	1,444	1,296	2,756	2,997	12,657

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (60,484.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999	355,490.00
c.	AUTHORIZATION NOT YET IN INVENTORY	35,850.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM	8,590.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS	22,353.00
g.	REMAINING DEFICIENCY	209,671.00
h.	**GRAND TOTAL**	**631,954.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
740.50	PHYSICAL TRAINING FAC	5,292 m2	8,590	01/99	03/01
	TOTAL		8,590		

9. Future Projects:

a. Included In The Following Program (FY 2002):

None

b. Major Planned Next Three Years:

141.60	TRNG & RESOURCES FAC	0 LS	5,887
143.45	ARMORY SM-ARMS/AMMO/EM GR	9,500 SF	2,845
851.10	TRAFFIC IMPROVEMENT	0 LS	6,263
740.25	FAMILY SVC CTR	0 LS	1,556
740.43	STAFF NCO ACADEMY	0 LS	5,802
	TOTAL		22,353

c. Real Property Maintenance Backlog ($000): $ 43,900

10. Mission Or Major Functions:

Develop, in coordination with agencies and representatives of other services, the doctrine, tactics, techniques and equipment employed by landing forces in amphibious operations; support Marine Corps requirements for long range planning by identifying required study areas and by initiating study of such areas, in coordination with other government and civilian contract study of agencies; education officers in the principles,

(Continued On DD 1390C)

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00
3. Installation and Location/UIC: M00264	4. Command	5. Area Constr Cost Index
MARINE CORPS BASE QUANTICO VIRGINIA	Commandant of the Marine Corps	0.92

(...continued)

tactics and techniques of warfare, with particular emphasis on the landing force aspects of amphibious operations in air-ground combat forces of the Marine Corps; educate staff noncommissioned with the requisite responsibilities; exercise academic supervision over all Marine Corps formal schools (less recruit training); and other functions as directed by the Commandant of the Marine Corps.

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

308

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M00264	4. Project Title
MARINE CORPS COMBAT DEV COMMAND QUANTICO, VIRGINIA	PHYSICAL TRAINING FACILITY

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0805796M	740.50	058	8,590

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PHYSICAL TRAINING FACILITY	m2	5,292	-	7,490
BUILDING	m2	5,292	1,338	(7,080)
BUILT-IN EQUIPMENT	LS	-	-	(300)
TECHNICAL OPERATING MANUALS	LS	-	-	(60)
INFORMATION SYSTEMS	LS	-	-	(50)
SUPPORTING FACILITIES	LS	-	-	610
ELECTRICAL UTILITIES	LS	-	-	(160)
MECHANICAL UTILITIES	LS	-	-	(30)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(250)
FORCE PROTECTION	LS	-	-	(40)
DEMOLITION	LS	-	-	(130)
SUBTOTAL	-	-	-	8,100
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	8,100
Supervision Inspection & Overhead (6.0%)	-	-	-	490
TOTAL REQUEST	-	-	-	8,590
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	1,916

10. Description of Proposed Construction

Single story building constructed with structural steel column framing, steel truss roof structure with rigid insulation and seamless steel roof system, reinforced foundations, slab grade, exterior masonry walls with brick face veneer, fire protection system, heating/ventilation/air conditioning system (HVAC), utilities, paving and site improvements, parking, and force protection features. Indoor features of facility include SEMPER FIT health promotion and wellness areas, basketball/volleyball/racquetball/handball courts, a fitness area, an aerobic room, male/female/family locker areas, a multi-purpose activity area, a combative/martial arts room, and staff administrative, storage, and service spaces. Demolishes one building. Building will be constructed per the Quantico Base Exterior Architectural Plan (BEAP).

(Continued On DD 1391C)

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M00264
MARINE CORPS COMBAT DEV COMMAND QUANTICO, VIRGINIA

4. Project Title	7. Project Number
PHYSICAL TRAINING FACILITY	058

(...continued)

11. Requirement: 5,292 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

Constructs an indoor fitness facility to support the physical training requirements of 7,378 Marines and Sailors attached to Marine Corps Base (MCB) Quantico, Virginia.

Physical Training Facility = 5,292 m2 = 56,963 Square Feet (Current mission)

REQUIREMENT:

Adequate and properly configured facilities to provide quality physical training, fitness development, and health promotion for the military population and their dependents at MCB Quantico, VA.

CURRENT SITUATION:

Currently, MCB Quantico's physical fitness services are provided in a deteriorated 1942-vintage Sea-Plane hanger which also houses the Marine Corps Air Facility (MCAF) Crash Crew and Refueler Maintenance Shop, the Presidential Helicopter Squadron's Ground Support Equipment Shops, and the Marine Corps Air-Ground Museum Restoration Shop. The hangar is an inadequate facility isolated from the mainside enlisted barracks and work areas, and it lacks adequate heating, ventilation and air conditioning. Unsuitable for fitness activities, the hangar is frequently inundated with motor vehicle exhaust and paint fumes generated by other building tenants. Water from roof leaks seep into the physical training areas and threaten the health and comfort of personnel exercising. The facility also contains highly flammable materials, lacks adequate fire protection and does not meet current building Life/Safety Codes.

IMPACT IF NOT PROVIDED:

Physical training services will be severely inhibited within the overcrowded, inadequate and unsuitable facility. Lack of adequate support facilities has a direct, harmful impact on the morale and the physical well-being of Marines and their dependents assigned to MCB Quantico.

308

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M00264
MARINE CORPS COMBAT DEV COMMAND QUANTICO, VIRGINIA

4. Project Title	7. Project Number
PHYSICAL TRAINING FACILITY	058

(...continued)

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 01/99
- (B) Date Design 35% Complete..... 03/99
- (C) Date Design Complete..... 04/01
- (D) Percent Complete As Of September 1999..... 45%
- (E) Percent Complete As Of January 2000..... 60%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 431
- (B) All Other Design Costs..... 353
- (C) Total..... 784
- (D) Contract..... 719
- (E) In-House..... 65

(4) Contract Award..... 12/00

(5) Construction Start..... 02/01

(6) Construction Completion..... 10/02

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Collateral Equipment	O&M,MC	2002	1916

308

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M00264
MARINE CORPS COMBAT DEV COMMAND QUANTICO, VIRGINIA

4. Project Title	7. Project Number
PHYSICAL TRAINING FACILITY	058

(...continued)
Activity POC: LT LAURENCE READAL Phone No: 703-784-2321

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N45534	4. Command	5. Area Constr Cost Index
AEGIS COMBAT SYSTEMS CENTER WALLOPS ISLAND VIRGINIA	Naval Sea Systems Command	0.95

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 1/20/00	11	108	51	0	0	0	30	21	0	221
b. End FY 2006	11	130	55	0	0	0	30	21	0	247

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (0.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999.....	32,930.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	3,300.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	0.00
g.	REMAINING DEFICIENCY.....	0.00
h.	**GRAND TOTAL**.....	**36,230.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
315.30	SPY-1D T&E FAC ADDN	888 m2	3,300	10/98	09/00
	TOTAL		3,300		

9. Future Projects:

a. Included In The Following Program (FY 2002):

None

b. Major Planned Next Three Years:

None

c. Real Property Maintenance Backlog ($000): $ 149

10. Mission Or Major Functions:

This Naval Surface Warfare Center (NSWC) detachment provides research, development and engineering systems services for Navy surface ships combat systems, aircraft systems, electronics systems and communications systems in support of AEGIS and battle group operations.

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $0

b. Occupational Safty And Health (OSH) (#): $0

303

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N45534	4. Project Title
AEGIS COMBAT SYSTEMS CENTER WALLOPS ISLAND, VIRGINIA	SPY-1D TEST AND EVALUATION FAC ADDITION

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0605896N	315.30	002	3,300

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
SPY-1D TEST AND EVALUATION FACILITY ADDI	M2	888	-	2,740
BUILDING	M2	888	3,020	(2,680)
TECHNICAL OPERATING MANUALS	LS	-	-	(40)
INFORMATION SYSTEMS	LS	-	-	(20)
SUPPORTING FACILITIES	LS	-	-	370
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(150)
ELECTRICAL UTILITIES	LS	-	-	(150)
MECHANICAL UTILITIES	LS	-	-	(50)
SITE IMPROVEMENTS	LS	-	-	(20)
SUBTOTAL	-	-	-	3,110
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	3,110
Supervision Inspection & Overhead (6.0%)	-	-	-	190
TOTAL REQUEST	-	-	-	3,300
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-

10. Description of Proposed Construction

Four-story steel-framed building addition with a pile foundation, concrete floors, insulated metal panel exterior, heating/air conditioning, demineralized water system, raised computer flooring, elevator, fire protection and alarm systems, utilities, and site improvements.

11. Requirement: 888 M2 Adequate: 0 M2 Substandard: 0 M2

PROJECT:

Constructs a four story deckhouse addition adjacent to the ashore AEGIS Combat System Center (ACSC) deckhouse facility to house a new generation AEGIS radar (SPY-1D) and associated equipment.

SPY-1D Test and Evaluation Facility Addition = 888 m2 = 9,558 Square Feet (New mission)

REQUIREMENT:

An adequate and properly configured, shore-based facility providing a

(Continued On DD 1391C)

303

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N45534
AEGIS COMBAT SYSTEMS CENTER WALLOPS ISLAND, VIRGINIA

4. Project Title	7. Project Number
SPY-1D TEST AND EVALUATION FAC ADDITION	002

(...continued)

simulated ship-board environment for the next generation radar, which is adjacent to the Virginia Capes Operating Area (VACAPES OPAREA) for operational interaction with high-performance military aircraft targets, future AEGIS destroyers (DDG 91 and beyond), and other surface combatants. The new radar is scheduled for delivery to ACSC in May of 2001 and operational in October 2002 with first ship board installations scheduled in FY 03. Initial operating capability in October 2002 is critical in order to have an operational platform for engineering and performance testing adjacent to the existing combat system equipment already in-service at ACSC Wallops Island and in the adjacent off-shore operational areas.

CURRENT SITUATION:

The current facilities at Wallops Island ACSC can only support AEGIS training, lifetime support engineering, and in-service engineering of the AEGIS Combat System baselines 1 through 6. These six baselines contain over 30 unique variations with the SPY-1A and SPY-1B radars. Current SPY variants cannot be removed from the existing deckhouse because they are required to support ships in the fleet. The existing deckhouse cannot house the SPY-1D operations and training suite due to space constraints.

IMPACT IF NOT PROVIDED:

ACSC will not have the capability to provide the two basic functions of its mission: (1) operational training to new and replacement crews, and (2) integrated lifetime engineering and logistics support of the new SPY-1D combat system. This training comprises 90% of ACSC's mission. Inability to simulate problems being experienced in the fleet will severely hamper engineering of software solutions, which will need to be solved at sea and may cause ships systems to be down while underway. Unproven software will be tested on ships at sea; this situation will result in a reduction of fleet readiness due to the uncertainty of performance. In addition, equipment at a cost of $61 million will be delivered to ACSC and there will be no facility in which to install it.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

303

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N45534
AEGIS COMBAT SYSTEMS CENTER WALLOPS ISLAND, VIRGINIA

4. Project Title	7. Project Number
SPY-1D TEST AND EVALUATION FAC ADDITION	002

(...continued)

(1) Status:
- (A) Date Design Started..... 10/98
- (B) Date Design 35% Complete..... 03/00
- (C) Date Design Complete..... 09/00
- (D) Percent Complete As Of September 1999..... 15%
- (E) Percent Complete As Of January 2000..... 15%
- (F) Type of Design Contract..... Design/Bid/Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... No

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 170
- (B) All Other Design Costs..... 230
- (C) Total..... 400
- (D) Contract..... 200
- (E) In-House..... 200

(4) Contract Award..... 12/00

(5) Construction Start..... 01/01

(6) Construction Completion..... 07/02

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: CDR STEPHEN ECKEL Phone No: 540-653-8521

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00251	4. Command	5. Area Constr Cost Index
NAVAL SHIPYARD PUGET SOUND BREMERTON, WASHINGTON	Naval Sea Systems Command	1.16

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 1/20/00	584	6,568	9,469	0	0	0	320	2,564	0	19,505
b. End FY 2006	493	5,847	10,015	0	0	0	320	2,564	0	19,239

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (1,543.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999	106,448.00
c.	AUTHORIZATION NOT YET IN INVENTORY	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM	54,000.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM	48,429.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS	88,165.00
g.	REMAINING DEFICIENCY	371,360.00
h.	**GRAND TOTAL**	**668,402.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Complete
151.20	PIER REPL (PH I)	18,288 m2	38,000	12/98	04/01
* 831.15	OILY WASTEWATER COLLECTION	0 LS	6,600	01/99	05/01
213.48	CHEMICAL METTALLURICAL LAB	2,907 m2	9,400	12/98	03/01
	TOTAL		54,000		

9. Future Projects:

a. Included In The Following Program (FY 2002):

151.20	PIER DELTA REPLACEMENT	7,990 m3	23,587
213.70	WATRFRT SERVICE SUPPT BLDG	5,710 m2	15,171
* 831.15	INDUSTRY WAST TREATMT FAC	0 LS	9,671
	TOTAL		48,429

b. Major Planned Next Three Years:

721.11	BACHELOR ENLISTED QUARTERS	9,520 m2	32,779
721.11	BEQ MODERNIZATION	0 LS	24,961
213.52	PRODUCTION SHOP CNSLDTN	6,030 m2	19,497
213.70	WATERFRONT SUPT FAC	11,054 m2	10,928
	TOTAL		88,165

c. Real Property Maintenance Backlog ($000): $ 118,351

10. Mission Or Major Functions:

Maintenance and overhaul of surface ships up to and including attack

(Continued On DD 1390C)

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00
3. Installation and Location/UIC: N00251	4. Command	5. Area Constr Cost Index
NAVAL SHIPYARD PUGET SOUND BREMERTON, WASHINGTON	Naval Sea Systems Command	1.16

(...continued)

carriers, and attack and fleet ballistic missile submarines. Logistic support provided includes conversion, overhaul, repair, alterations, and drydocking of surface ships and modern submarines. The yard also provides support for air and submarine warfare weapon systems. Homeport to aircraft carrier and other homeported ships.

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $16,271

b. Occupational Safty And Health (OSH) (#): $0

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00251	4. Project Title
PUGET SOUND NAVAL SHIPYARD BREMERTON, WASHINGTON	PIER REPLACEMENT (INCREMENT I)

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0702096N	151.20	341	Auth 62,460 Appr 38,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PIER REPLACEMENT (INCREMENT I)	M2	18,288	-	34,850
PIER STRUCTURE	M2	18,288	1,900	(34,750)
TECHNICAL OPERATING MANUALS	LS	-	-	(100)
SUPPORTING FACILITIES	LS	-	-	23,860
CIVIL WORK	LS	-	-	(910)
MECHANICAL UTILITIES	LS	-	-	(3,340)
ELECTRICAL UTILITIES	LS	-	-	(5,090)
UPLAND MECHANICAL UTILITIES	LS	-	-	(4,920)
UPLAND ELECTRICAL UTILITIES	LS	-	-	(9,300)
DEMOLITION	LS	-	-	(300)
SUBTOTAL	-	-	-	58,710
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	58,710
Supervision Inspection & Overhead (6.0%)	-	-	-	3,750
SUBTOTAL	-	-	-	62,460
LESS PHASE II (FY02)	LS	-	-	-24,460
TOTAL REQUEST	-	-	-	38,000
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	300

10. Description of Proposed Construction

Single level concrete deck pier (45.72 m x 400 m) supported by concrete piles and concrete pile caps; 4160 VAC substation at the head of the pier and four 480 VAC substations in vaults below the deck; pier designed to support the lifting operation of two 140 ton mobile cranes and a uniform live load of 800 psf; utilities include 480 VAC, 4160 VAC electrical, steam/condensate return, compressed air, oily waste collection, storm drain collection, potable water, sanitary sewer, 200 pair telephone lines, cabling for fire alarm systems, fiber optic cabling for data systems, and cabling for cable TV systems; pier lighting, utility connection clusters, bollards, cleats, and a fendering system with cathodic protection; new upland primary electrical substation and other upland utility distribution capacity for services such as steam/condensate return, compressed air, and sanitary sewer services to support the new pier and other current loads

(Continued On DD 1391C)

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00251
PUGET SOUND NAVAL SHIPYARD BREMERTON, WASHINGTON

4. Project Title	7. Project Number
PIER REPLACEMENT (INCREMENT I)	341

(...continued)
within the western area of the Shipyard; technical operating manuals; demolition of existing Pier D.

11. Requirement: 18,288 M2 Adequate: 0 M2 Substandard: 6,210 M2

PROJECT:
This project replaces the existing pier with a pier that will have the required structure and utilities capable of supporting all types of Navy ships and specifically a homeported nuclear aircraft carrier (CVN) and 4 homeported Fast Combat Support Ships (AOEs).

Pier Replacement = 18,288 m2 = 196,850 Square Feet (Current mission)

REQUIREMENT:

Adequate facilities are required to support the USS Carl Vinson (CVN 70). Adequate structural capacity is required to support Shipyard's berthing operations and mooring loads from two CVNs simultaneously. Replacing Pier D would enhance the flexibility of the Shipyard to moor a wide range of ships in the base support area as necessary to serve the Fleet. Major modifications are required to increase upland utility system capacity to meet requirements placed on them by the ships either in homeport status or availability status. Electrical supply is required to support a maximum of 3 CVNs at the west end of the Shipyard (both sides of new Pier D, one industrial pier, and one dry dock).

Puget Sound Naval Shipyard serves as homeport to one CVN, two CGNs, and four AOEs. In addition to this homeport loading, the Shipyard's forecast of annual ship loading in support of industrial work is: one carrier, one combatant or auxiliary surface ship, one submarine in overhaul and six submarine inactivations and/or disposals (recycling).

The CVN Drydocking Planned Incremental Availability(s) (DPIA) scheduled for FY02 require the Shipyard to provide a primary and a secondary homeport berth for the current loading of CVNs. The west side of Pier B is currently the primary CVN homeport berth, as well as a repair berth used for the completion of DPIAs. Pier B has served as the interim homeport for the USS Nimitz (CVN 68) while often doubling as an overhaul pier for CVNs completing a docking availability. The assignment of five CVNs to the westcoast requires Drydock 6/Pier B complex to become a dedicated repair DPIA pier.

CURRENT SITUATION:

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00251
PUGET SOUND NAVAL SHIPYARD BREMERTON, WASHINGTON

4. Project Title	7. Project Number
PIER REPLACEMENT (INCREMENT I)	341

(...continued)

Pier D is currently the secondary CVN homeport berth. When Pier B becomes a repair pier, the west side of Pier D will become the primary homeport berth and the Shipyard will be left without a secondary homeport berth for the CVN.

The Shipyard presently has two substandard piers capable of mooring a CVN, Piers D and B, since neither pier complies with homeporting criteria. Their dimensions do not provide adequate turn-around space for vehicles (emergency vehicles and trucks included), limits pier traffic, and complicates operation of all weight handling equipment on the pier. Equipment and supply loading operations are severely restricted and require extended time periods. The current pier can only support one loading operation at a time. The narrow pier restricts fire and emergency vehicle access, resulting in potential safety problems. Structural capacity of the pier limits large vehicle traffic and severely limits operation of mobile cranes. Structural capacity to resist wind and mooring loads placed on the pier by CVNs is also marginal. Mooring bollards on the pier currently do not meet required load ratings. Utilities at Pier D are minimally adequate to support a homeported CVN. Utilities on the west end of the Shipyard, electrical service in particular, cannot meet demands when serving several ships moored at various piers. Operational restrictions are occasionally placed on ships to avoid exceeding system capacity. Major modifications are required to these systems to increase capacity to meet the requirements for ships using west end piers and facilities. Utility systems are either on the deck and interfere with operations or are under the deck and therefore are immersed in salt water and require frequent maintenance and replacement.

IMPACT IF NOT PROVIDED:

The Shipyard will fail to provide an adequate berth for a permanently homeported CVN. When Pier B becomes a dedicated repair pier, the west side of Pier D will become the primary CVN homeport berth and, without this project, no secondary berth would be available. Because of the limited number of CVN berths, there will be situations when the Shipyard will have to relocate a CVN during a DPIA which will cause the Shipyard to incur additional costs due to the additional production work to relocate the ship.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00251
PUGET SOUND NAVAL SHIPYARD BREMERTON, WASHINGTON

4. Project Title	7. Project Number
PIER REPLACEMENT (INCREMENT I)	341

(...continued)

project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 12/98
- (B) Date Design 35% Complete..... 09/99
- (C) Date Design Complete..... 04/01
- (D) Percent Complete As Of September 1999..... 35%
- (E) Percent Complete As Of January 2000..... 35%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:
- (A) Standard or Definitive Design: Yes
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 2500
- (B) All Other Design Costs..... 1800
- (C) Total..... 4300
- (D) Contract..... 4000
- (E) In-House..... 300

(4) Contract Award..... 11/00

(5) Construction Start..... 01/01

(6) Construction Completion..... 09/03

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
FOAM FILLED FENDERS & BROWS	2001	OPN	300

Activity POC: CAPT ALBERT VERHOFSTADT Phone No: (360) 476-2425

310

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00251	4. Project Title
PUGET SOUND NAVAL SHIPYARD BREMERTON, WASHINGTON	OILY WASTEWATER COLLECTION

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0702096N	831.15	343	6,600

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
OILY WASTEWATER COLLECTION	LS	-	-	2,580
OILY WASTEWATER COLLECTION	LS	-	-	(2,580)
SUPPORTING FACILITIES	LS	-	-	3,650
ELECTRICAL UTILITIES	LS	-	-	(460)
MECHANICAL UTILITIES	LS	-	-	(620)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(810)
ENVIRONMENTAL MITIGATION	LS	-	-	(1,760)
SUBTOTAL	-	-	-	6,230
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	6,230
Supervision Inspection & Overhead (6.0%)	-	-	-	370
TOTAL REQUEST	-	-	-	6,600
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

Permanent waterfront oily wastewater collection system to include under-pier and within drydock double-wall piping; manifold connecting units to existing semi-permanent skid mounted treatment units already in operation; foundations and permanent utilities to treatment units; foundation pads with curbs for the water receiving tanks; and, contaminated soils testing and removal.

11. Requirement: 0 LS Adequate: 0 LS Substandard: 0 LS

PROJECT:

Installs a new oily wastewater collection, separation, storage, and disposal system for Piers 3, 4, 5, and 6 and for Drydocks 1, 2, 3, 4, and 5. (Current mission)

REQUIREMENT:

An adequate and properly configured oily wastewater collection, separation, storage, and disposal system is required to support ships homeported or in overhaul at Puget Sound Naval Shipyard. The Shipyard serves as homeport to one nuclear aircraft carrier (CVN), two nuclear

(Continued On DD 1391C)

310

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC:N00251
PUGET SOUND NAVAL SHIPYARD BREMERTON, WASHINGTON

4. Project Title	7. Project Number
OILY WASTEWATER COLLECTION	343

(...continued)

cruisers (CGN), and four fast combat support ships (AOE). The Shipyard also supports ships in overhaul; a typical complement is one carrier, one combatant or auxiliary surface ship, one submarine in overhaul, and six submarine inactivations and/or disposals (Recycling). In April 1991, Chief of Naval Operations directed that Waste Oil Rafts (DONUTs) be eliminated as soon as possible to eliminate potential Clean Water Act liability and enhance the environmental posture of the Navy. DONUTs were eliminated at Puget Sound Naval Shipyard in January 1997. A consequence of this action is increased costs, complexity, and risks associated with handling the additional volume of bilge water via hoses connected to skid mounted treatment plants, tanker trucks, and barges. The Clean Water Act regulates effluent discharges into the navigable waters of the United States. Title 40 of the Code of Federal Regulations, Section 112 establishes procedures, methods, and required equipment to prevent oil spills. The new piping system will comply with federal and state regulations and provide an efficient and environmentally enhanced means of transferring bilge and ballast water for treatment and disposal. This is a continuation of the work started under FY95 MCON P-240.

CURRENT SITUATION:

Ship bilge water is pumped to a ship waste oil barge (SWOB) positioned alongside the ship. Once full, the barge is moved to one of the oily water treatment systems where bilge water is off-loaded and processed. This complex sequence of events is costly and can result in spills. Spills can occur during vessel off-loading, barge transport, and transfer to the treatment system. With similar complexity and risks, tanker trucks, portable storage tanks, and temporary hose systems are also used to transport bilge water. The treated water is discharged to the sanitary sewer system and the reclaimed oil is recycled. The Shipyard has averaged three significant bilge water related spills each year. Each spill violates the Clean Water Act, resulting in reduced public confidence in the Navy and jeopardizes operational flexibility. Annual operating expenditures are high due in part to maintenance and replacement costs for the large inventory of hose and portable pumps required for existing operations. Current operations also require many personnel to monitor hoses and equipment during transfer operations to reduce the risk of spills.

IMPACT IF NOT PROVIDED:

Naval Shipyard Puget Sound will continue to use temporary hoses, barges, tanker trucks, and portable tanks for transporting these large quantities

310

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00251
PUGET SOUND NAVAL SHIPYARD BREMERTON, WASHINGTON

4. Project Title	7. Project Number
OILY WASTEWATER COLLECTION	343

(...continued)

of bilge water at a high cost with an inherent and unacceptable high risk of spills and leaks. The Shipyard would continue to experience significant spills per year and continue to incur high expenditures for maintenance and operations. Noncompliance with the Clean Water Act and Federal Regulations governing oil spill prevention could result in injunctions issued to the Shipyard, curtailing or halting critical work.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 01/99
- (B) Date Design 35% Complete..... 03/00
- (C) Date Design Complete..... 05/01
- (D) Percent Complete As Of September 1999..... 5%
- (E) Percent Complete As Of January 2000..... 30%
- (F) Type of Design Contract..... Design/Bid/Build
- (G) Parametric Estimate used to develop cost..... N/A
- (H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:
- (A) Standard or Definitive Design: Yes
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 300
- (B) All Other Design Costs..... 350
- (C) Total..... 650
- (D) Contract..... 600
- (E) In-House..... 50

(4) Contract Award..... 10/00

(5) Construction Start..... 11/00

(6) Construction Completion..... 02/02

B. Equipment associated with this project which will be provided from other appropriations: NONE.

310

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00251
PUGET SOUND NAVAL SHIPYARD BREMERTON, WASHINGTON

4. Project Title	7. Project Number
OILY WASTEWATER COLLECTION	343

(...continued)

Activity POC: CAPT ALBERT VERHOFSTADT Phone No: (360) 476-2425

302

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00251	4. Project Title
PUGET SOUND NAVAL SHIPYARD BREMERTON, WASHINGTON	CHEMICAL METALLURGICAL LABORATORY

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0702228N	213.48	416	9,400

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
CHEMICAL METALLURGICAL LABORATORY	M2	2,907	-	7,440
BUILDING RENOVATION	M2	2,907	1,831	(5,320)
SEISMIC STRUCTURAL UPGRADES AND REPAIRS	LS	-	-	(960)
BUILT-IN EQUIPMENT	LS	-	-	(790)
INFORMATION SYSTEMS	LS	-	-	(230)
TECHNICAL OPERATING MANUALS	LS	-	-	(140)
SUPPORTING FACILITIES	LS	-	-	1,430
ELECTRICAL UTILITIES	LS	-	-	(560)
MECHANICAL UTILITIES	LS	-	-	(140)
PAVING AND SITE IMPROVEMENT	LS	-	-	(50)
DEMOLITION	LS	-	-	(680)
SUBTOTAL	-	-	-	8,870
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	8,870
Supervision Inspection & Overhead (6.0%)	-	-	-	530
TOTAL REQUEST	-	-	-	9,400
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

Renovation, modernization and conversion of an existing historic building to a new Chemical and Metallurgical Analysis Facility including demolition of the north third of Building 59, seismic upgrade of the remaining portion of the building (foundation upgrade, roof membrane replacement, interior steel k-bracing, exterior brick repointing and mortar repair), upgrades for fire protection and other life safety issues, upgrade of electrical and other utilities to current code standards, installation of heating, ventilation, and air conditioning system (HVAC) to include special heating and ventilation modifications, installation of lab benches, sinks and special plumbing to support the laboratory functions and elevator repair and refurbishment; demolition of seven facilities; removal and disposal of any contaminated materials that may be encountered during rehabilitation and demolition; relocation and installation of plant and collateral equipment from the existing Chemical and Metallurgical buildings into the new facility; and technical operating manuals.

(Continued On DD 1391C)

302

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00251
PUGET SOUND NAVAL SHIPYARD BREMERTON, WASHINGTON

4. Project Title	7. Project Number
CHEMICAL METALLURGICAL LABORATORY	416

(...continued)

11. Requirement: 2,907 M2 Adequate: 0 M2 Substandard: 0 M2

PROJECT:

Provides an efficient Chemical and Metallurgical Analysis Facility capable of supporting shipyard production and general installation environmental compliance testing requirements through the rehabilitation and conversion of historic Building 59.

Chemical Metallurgical Laboratory = 2,907 m2 = 31,291 Square Feet

REQUIREMENT:

An adequate and efficiently configured chemical and metallurgical analysis facility is required to support the operation of ships stationed at Puget Sound Naval Shipyard. In support of the depot maintenance mission, the Shipyard needs to support overhaul, testing and recycling operations while assuring compliance with environmental laws and regulations. Puget Sound Naval Shipyard requires a Chemical and Metallurgical Analysis Facility to support multiple system requirements by providing the following analyses: Waterfront Chemistry, Metallurgical Testing, Nuclear Propulsion Plant Chemical Receipt Inspection Program, Production Support and Project Testing and Analysis, and compliance with federal, state and local environmental laws.

CURRENT SITUATION:

Puget Sound Naval Shipyard's Chemical and Metallurgical Analysis Facility is currently located within four buildings and four trailers. Building 371 was built in 1918 as a rooming house and restaurant and was purchased by the Shipyard in 1922. Building 453 was built prior to 1918 as a store building and was purchased by the Navy in 1938 and is connected to building 371 by a narrow walkway. Both facilities have had extensive modifications performed to adapt them for industrial use. Configuration of spaces within the existing buildings is not adequate to permit efficient use of space. The two multi-story buildings accommodate most of the laboratory functions, but the structural systems relationship to the circulation pattern of the building severely limit the options available for an efficient and safe layout within the buildings. The buildings currently housing the Shipyard's Analysis Facilities are old and not designed to survive a seismic event. Existing HVAC systems do not provide adequate ventilation or temperature controls for laboratory functions. Beyond documented safety violations, cross contamination from chemical

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00251
PUGET SOUND NAVAL SHIPYARD BREMERTON, WASHINGTON

4. Project Title	7. Project Number
CHEMICAL METALLURGICAL LABORATORY	416

(...continued)

analysis is affecting sample integrity. This cross contamination affects efficiency by causing periodic sample re-analysis because quality control requirements cannot be met. Lack of temperature and humidity controls causes periodic instrument failure which also affects sample results. Lack of adequate environmental controls results in numerous sample reports being flagged due to inability to meet test specifications. The facilities are not adequate to support laboratory operations. In addition, the Analysis Facility failed to be reaccredited with the American Industrial Hygiene Association (AIHA) due to problems with the building.

IMPACT IF NOT PROVIDED:

Continued use of obsolete, inadequate, seismically deficient facilities will result in dollars lost in rework, delays in producing the required analysis results, life safety hazards in the event of a significant earthquake (3 moderate earthquakes) and further potential losses of accreditation. Opportunity to save $1.1M per year in direct and indirect costs associated with the current inefficiencies will not be realized. These inefficiencies will adversely affect major inservice engineering support changes or lifecycle support, research and development projects and the emerging technologies.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 12/98
- (B) Date Design 35% Complete..... 03/01
- (C) Date Design Complete..... 03/01
- (D) Percent Complete As Of September 1999..... 5%
- (E) Percent Complete As Of January 2000..... 30%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... N/A
- (H) Energy study/life-cycle analysis performed..... No

(2) Basis:
- (A) Standard or Definitive Design: Yes
- (B) Where Design Was Most Recently Used:

302

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00251
PUGET SOUND NAVAL SHIPYARD BREMERTON, WASHINGTON

4. Project Title	7. Project Number
CHEMICAL METALLURGICAL LABORATORY	416

(...continued)

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
(A) Production of Plans and Specifications..... 450
(B) All Other Design Costs..... 450
(C) Total..... 900
(D) Contract..... 850
(E) In-House..... 50

(4) Contract Award..... 10/00

(5) Construction Start..... 03/01

(6) Construction Completion..... 06/02

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: CAPT ALBERT VERHOFSTADT Phone No: (360) 476-2425

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N63402	4. Command	5. Area Constr Cost Index
STRATEGIC WEAPONS FACILITY PACIFIC BREMERTON, WASHINGTON	Strategic Systems Project Office	1.16

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 1/20/00	13	108	173	0	0	0	0	0	0	294
b. End FY 2006	13	109	175	0	0	0	0	0	0	297

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (0.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999.....	153,335.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	1,400.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	3,878.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	10,843.00
g.	REMAINING DEFICIENCY.....	4,950.00
h.	**GRAND TOTAL**.....	**174,406.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
152.10	EXPL HANDL WHARF MODS	0 LS	1,400	12/98	04/01
	TOTAL		1,400		

9. Future Projects:

a. Included In The Following Program (FY 2002):

932.20	UTILS & SITE IMPVS (PH II)	0 LS	3,878
	TOTAL		3,878

b. Major Planned Next Three Years:

421.72	MAGAZINE MODS	0 LS	603
212.77	MISSILE PARTS WAREHOUSE	0 LS	10,240
	TOTAL		10,843

c. Real Property Maintenance Backlog ($000): $ 2,650

10. Mission Or Major Functions:

Provide support on west coast for the operational TRIDENT system of submarines and long range missiles, including processing capability for assembly and disassembly of both explosive and non-explosive components of the TRIDENT II (D-5) missile.

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N63402	4. Project Title
STRATEGIC WEAPONS FACILITY PAC BREMERTON, WASHINGTON	EXPLOSIVES HANDLING WHARF MODIFICATIONS

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0101221N	152.10	945	1,400

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
EXPLOSIVES HANDLING WHARF MODIFICATIONS	LS	-	-	1,320
SUBTOTAL	-	-	-	1,320
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	1,320
Supervision Inspection & Overhead (6.0%)	-	-	-	80
TOTAL REQUEST	-	-	-	1,400
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Modify approximately 186 m2 of the Explosive Handling Wharf deck by removing and replacing the existing asphaltic pavement and ballast where necessary, strengthening or replacing the deck panels, and adding concrete load bearing pads and missile erection bridge tie-downs. Modify existing service unit storage platform at upper level for storage of launch tube maintenance platform and davit, and replace guidance support equipment receptacles.

11. Requirement: 0 LS Adequate: 0 LS Substandard: 0 LS

PROJECT:

This project modifies the existing Explosives Handling Wharf at Strategic Weapons Facility Pacific (SWFPAC) to add the capability of outloading/offloading TRIDENT II (D5) missiles. (Current mission)

REQUIREMENT:

Adequate outloading/offloading facilities are required to support the Initial Operational Capability for TRIDENT II (D5) missile processing and test and storage capability at SWFPAC.

CURRENT SITUATION:

The existing Explosives Handling Wharf is not capable of supporting the Missile Erection Bridge required for outloading and offloading TRIDENT II (D5) missiles. The missile handling configuration of the D5 is different

(Continued On DD 1391C)

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N63402
STRATEGIC WEAPONS FACILITY PAC BREMERTON, WASHINGTON

4. Project Title	7. Project Number
EXPLOSIVES HANDLING WHARF MODIFICATIONS	945

(...continued)
from the C4 due to the increased size and weight of the D5 missile.

IMPACT IF NOT PROVIDED:

SWFPAC will not have the capability to handle TRIDENT II (D5) missiles at the Explosives Handling Wharf, and the planned Initial Operational Capability for the TRIDENT II (D5) missiles in June 2002 will not be achieved.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 12/98
- (B) Date Design 35% Complete..... 01/00
- (C) Date Design Complete..... 04/01
- (D) Percent Complete As Of September 1999..... 5%
- (E) Percent Complete As Of January 2000..... 35%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... N/A
- (H) Energy study/life-cycle analysis performed..... N/A

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used: N/A

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 88
- (B) All Other Design Costs..... 44
- (C) Total..... 132
- (D) Contract..... 118
- (E) In-House..... 14

(4) Contract Award..... 12/00

(5) Construction Start..... 04/01

(6) Construction Completion..... 02/02

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N63402
STRATEGIC WEAPONS FACILITY PAC BREMERTON, WASHINGTON

4. Project Title	7. Project Number
EXPLOSIVES HANDLING WHARF MODIFICATIONS	945

(...continued)

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: Mr. M. Rivera Phone No: DSN 744-0933

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N62588	4. Command	5. Area Constr Cost Index
NAVAL SUPPORT ACTIVITY NAPLES ITALY	Commander in Chief, U.S. Naval Forces	1.29

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 1/20/00	578	2,165	1,867	0	0	0	115	195	0	4,920
b. End FY 2006	626	2,401	1,870	0	0	0	115	195	0	5,207

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (0.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999.....	145,046.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	71,650.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	15,000.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	0.00
g.	REMAINING DEFICIENCY.....	73,055.00
h.	**GRAND TOTAL**.....	**304,751.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
721.11	BEQ	6,645 m2	15,000	08/99	09/00
	TOTAL		15,000		

9. Future Projects:

a. Included In The Following Program (FY 2002):

None

b. Major Planned Next Three Years:

None

c. Real Property Maintenance Backlog ($000): $ 0

10. Mission Or Major Functions:

Support all Naval commands and organizations ashore in the Naples area, using mainly leased facilities in Agnano, Pinetemare and Bagnoli; and the military controlled compound at Capodichino Airport. Commands include Sixth Fleet task force commanders and staffs for: 1) combat support force (CTF-63), 2) ballistic missile submarine force (CTF-64), 3) area anti-submarine warfare force (CTF-66), 4) maritime surveillance and reconnaissance force (CTF-67), and 5) attack submarine force (CTF-69). Also supported is the Commander, Fleet Air Mediterranean staff, responsible for management of all Navy shore bases in the Mediterranean. U.S. personnel assigned to the Allied Forces, Southern Europe (AFSOUTH) NATO command in Naples are also a responsibility. Communications Station, Naval Hospital, fleet landing on Naples waterfront, leased family housing at Pinetemare and

(Continued On DD 1390C)

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N62588	4. Command	5. Area Constr Cost Index
NAVAL SUPPORT ACTIVITY NAPLES ITALY	Commander in Chief, U.S. Naval Forces	1.29

(...continued)

Sixth Fleet flagship at Gaeta are also supported.

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

307

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N62588	4. Project Title
NAVAL SUPPORT ACTIVITY NAPLES, ITALY	BACHELOR ENLISTED QUARTERS

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0204796N	721.11	201	15,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
BACHELOR ENLISTED QUARTERS	M2	6,645	-	12,880
BACHELOR ENLISTED QUARTERS	M2	5,251	1,708	(8,970)
LIBERTY CENTER	M2	613	1,481	(910)
EDUCATION CENTER	M2	781	1,411	(1,100)
FORCE PROTECTION	LS	-	-	(1,190)
BUILDING RENOVATIONS	LS	-	-	(510)
INFORMATION SYSTEMS	LS	-	-	(100)
TECHNICAL OPERATING MANUALS	LS	-	-	(100)
SUPPORTING FACILITIES	LS	-	-	1,200
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(460)
ELECTRICAL UTILITIES	LS	-	-	(240)
MECHANICAL UTILITIES	LS	-	-	(110)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(190)
DEMOLITION	LS	-	-	(200)
SUBTOTAL	-	-	-	14,080
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	14,080
Supervision Inspection & Overhead (6.5%)	-	-	-	920
TOTAL REQUEST	-	-	-	15,000
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

Six-story Bachelor Enlisted Quarters (BEQ) with basement, pile foundation, reinforced concrete frame and walls, concrete floors, metal and built up roof. BEQ will provide 59 "2+0" configured modules, for 236 enlisted (E1 - E4s), consisting of two 2-sailor rooms, each with a semi-private bath, and will include lounge and recreational rooms, heads and laundries. The BEQ will be air conditioned, have emergency lighting, contain two passenger/freight elevators, and connect the cable television system to the existing BEQ system. Project will provide landscaping, irrigation, extending the arcade theme to the BQ's and provide comprehensive signage for the entire BEQ complex. Project will also construct new concrete frame and walls, and metal built-up roof on the second floor of the existing Navy Exchange Building for the Education Center and relocated

(Continued On DD 1391C)

307

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N62588
NAVAL SUPPORT ACTIVITY NAPLES, ITALY

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS	201

(...continued)

Liberty Center. Facilities will be designed in accordance with the base Exterior Architectural Plan and the Capodichino Development Plan. They will have adequate utilities, be constructed to meet all Italian and U.S. building codes, including seismic criteria for Seismic Zone 3, fire and ventilation codes. Technical operating Media (dual language and electronic media) will be provided. Also included are force protection features for the new BEQ including specially designed windows, blast resistent southern wall, and structural integrity to prevent building collapse. Demolish Building 444 (BEQ-2, 198 m2) and relocate the Marine General Purpose Building (Building 447) mechanical yard from the south to the east side of the building.

Intended grade mix: 236 E1-E4; Maximum utilization: 236 E1-E4.

11. Requirement: 1,111 PN Adequate: 405 PN Substandard: 0 PN

PROJECT:

Constructs a new Bachelor Enlisted Quarters (BEQ) with 59 "2+0" modules for active duty enlisted personnel in the Naples area, as part of the Naples Improvement Initiative (NII).

Bachelor Enlisted Quarters = 6,645 m2 = 71,526 Square Feet
Bachelor Enlisted Quarters = 5,251m2 = 56,521Square Feet
Liberty Center = 613 m2 = 6,598 Square Feet
Education Center = 781 m2 = 8,407 Square Feet (Current mission)

REQUIREMENT:

Adequate housing is required for enlisted personnel who perform operations at Naval Support Activity, Naples, which is the command center for all naval operations in the Mediterranean. This facility is an important increment in Commander in Chief, U. S. Naval Forces, Europe's (CINCUSNAVEUR) goal to house all E1-E4's on base and is required as part of the relocation to overcome current problems of inadequate contingency readiness, lack of force protection, poor quality of the existing leased structures, and seismic vulnerability. This facility will provide adequate housing for enlisted personnel in the Naples area, allowing them to move into seismically safe on-base housing incorporating force protection features. The project will also provide educational space for the military to further their careers and education. Additionally, the project constructs a recreation facility where sailors can relax in a non-alcohol environment. This facility is a vital element of the Naples Improvement Initiative (NII).

307

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N62588
NAVAL SUPPORT ACTIVITY NAPLES, ITALY

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS	201

(...continued)

CURRENT SITUATION:

The existing BEQs are located in two noncontiguous locations: Capodichino, and Pozzouli. There are currently insufficient quarters in the Naples area for the 1,111 enlisted personnel. Enlisted personnel currently stay in local hotels while waiting for a BEQ room. The 152 units located in Pozzouli are classified "inadequate." They are seismically unsafe, do not meet current force protection standards, and do not meet current habitability standards. Personnel in these existing inadequate bachelor quarters do not live and work at the same compound. Therefore, they are either bused, or they drive to work, requiring long commutes. This reduces readiness in the event of an emergency and reduces productivity. The majority of functions at NSA Naples have been relocated or will relocate to the Capodichino site. The Pozzouli facility does not meet force protection standards. Since it is not located on a secure base, it could be the target of a terrorist attack and is very vulnerable due to its construction. The Pozzouli facilities are subject to collapse during an earthquake. The facilities are subject to an evacuation order by the Government of Italy under existing seismic contingency plans. The only non-alcoholic recreation facility available to single sailors on Capodichino is a converted storage room in the basement of Building 443. The educational facilities at Capodichino are insufficient to handle the required education of the military living and working at this site. The continuing education facilities in the Naples area are insufficient to administer an adequate and high quality program.

IMPACT IF NOT PROVIDED:

Without this project, the existing facilities will continue to be vulnerable to terrorist attack and collapse in an earthquake. High and rising maintenance and repair costs will continue to be required in order to keep the existing structures in useable condition. Man-hours will continue to be wasted traveling between BEQ and duty station. High Temporary Living Allowance (TLA) and Overseas Housing Allowance (OHA) costs associated with insufficient berthing space will continue to burden dwindling resources. This will continue to produce lower productivity and morale due to separation from support functions, including recreation facilities located at Capodichino, and reduced quality and availability of continuing education. The inadequate and insufficient recreation and education facilities do not allow single sailors access to the needed educational opportunities and the non-alcoholic recreation that the Navy encourages.

307

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N62588
NAVAL SUPPORT ACTIVITY NAPLES, ITALY

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS	201

(...continued)

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 08/99
- (B) Date Design 35% Complete..... 01/00
- (C) Date Design Complete..... 09/00
- (D) Percent Complete As Of September 1999..... 10%
- (E) Percent Complete As Of January 2000..... 35%
- (F) Type of Design Contract..... Design/Bid/Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... No

(2) Basis:
- (A) Standard or Definitive Design: Yes
- (B) Where Design Was Most Recently Used: SOUDA BAY

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 1110
- (B) All Other Design Costs..... 535
- (C) Total..... 1645
- (D) Contract..... 1475
- (E) In-House..... 170

(4) Contract Award..... 12/00

(5) Construction Start..... 01/01

(6) Construction Completion..... 12/02

B. Equipment associated with this project which will be provided from other appropriations: NONE.

C. FY 1999 Unacccompanied Housing Real Property Maint Conducted ($000) 250
D. FY 2000 Unacccompanied Housing Real Property Maint Conducted ($000) 275
E. Future Unacccompanied Housing Real Property Maint Requirements ($000) 290
Activity POC: CDR RICHARD MARRS Phone No: 011-39-081-568-

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N62995	4. Command	5. Area Constr Cost Index
NAVAL AIR STATION SIGONELLA ITALY	Commander in Chief, U.S. Naval Forces	1.32

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 1/20/00	239	2,144	1,555	0	0	0	106	463	0	4,507
b. End FY 2006	281	2,424	1,556	0	0	0	106	463	0	4,830

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (2.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999	271,534.00
c.	AUTHORIZATION NOT YET IN INVENTORY	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM	32,029.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS	90,357.00
g.	REMAINING DEFICIENCY	217,049.00
h.	**GRAND TOTAL**	**610,969.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
610.10	COMMUNITY BUILDING	0 LS	32,029	02/99	02/01
	TOTAL		32,029		

9. Future Projects:

a. Included In The Following Program (FY 2002):

None

b. Major Planned Next Three Years:

740.43	QOL SUPPORT II	8,750 m2	23,550
219.10	BASE OPS SUPPORT I	21,769 m2	32,970
721.11	BEQ (1+1 ONLY)	12,540 m2	33,837
	TOTAL		90,357

c. Real Property Maintenance Backlog ($000): $ 62,200

10. Mission Or Major Functions:

Navy's major mid-Mediterranean shore installation used for logistic support of the Sixth Fleet and as a base of operations for deployed, land-based ASW aircraft. Navy intra-theatre airlift squadron also assigned, with carrier on-board airlift mission. Support transient, carrier-based tactical aircraft as required. Presently supports Military Airlift Command (MAC) cargo flights and MAC passenger flights from the U.S. Provides air logistics interface with nearby Augusta Bay NATO fuel and ammunition replenishment pier and depot. Supports HC-4 helicopter combat squadron and

(Continued On DD 1390C)

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00
3. Installation and Location/UIC: N62995	4. Command	5. Area Constr Cost Index
NAVAL AIR STATION SIGONELLA ITALY	Commander in Chief, U.S. Naval Forces	1.32

(...continued)

LAMPS MK III Helicopter Squadron.

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $0

b. Occupational Safty And Health (OSH) (#): $0

306

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N62995	4. Project Title
NAVAL AIR STATION SIGONELLA, ITALY	COMMUNITY FACILITIES

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0204696N	740.88	620	Auth 32,969 Appr 32,029

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
COMMUNITY FACILITIES	LS	-	-	18,530
COMMUNITY BUILDING	M2	3,216	1,378	(4,430)
ADMINISTRATION BUILDING	M2	2,760	1,292	(3,570)
ENLISTED DINING FACILITY/CLUB	M2	2,528	2,221	(5,610)
CHAPEL/RELIGIOUS EDUCATION BUILDING	M2	1,666	1,711	(2,850)
SECURITY BUILDING/TELEPHONE EXCHANGE	M2	381	1,677	(640)
INTERIM CHILD DEVELOPMENT CENTER	LS	-	-	(170)
GATEHOUSES	m2	12	2,750	(30)
BUILT-IN EQUIPMENT	LS	-	-	(210)
INFORMATION SYSTEMS	LS	-	-	(720)
TECHNICAL OPERATING MANUALS	LS	-	-	(300)
SUPPORTING FACILITIES	LS	-	-	12,430
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(1,220)
ELECTRICAL UTILITIES	LS	-	-	(2,360)
MECHANICAL UTILITIES	LS	-	-	(1,640)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(2,300)
DEMOLITION	LS	-	-	(2,950)
WATER STORAGE TANK/OTHER	LS	-	-	(1,960)
SUBTOTAL	-	-	-	30,960
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	30,960
Supervision Inspection & Overhead (6.5%)	-	-	-	2,009
SUBTOTAL	-	-	-	32,969
AMT FUNDED W/ PRIOR YR UNOBLIGATED BALANCE	LS	-	-	-940
TOTAL REQUEST	-	-	-	32,029
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

This project is the second of four proposed phases of a recapitalization Plan for NAS I (personnel support area) at U.S. Naval Air Station, Sigonella. Phase one is FY99 P-742, Navy Exchange (nonapproriated funded), Phase three will provide a Morale, Welfare and Recreation Center and a Child Care Center, Phase four will provide a Bachelor Enlisted

(Continued On DD 1391C)

306

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N62995
NAVAL AIR STATION SIGONELLA, ITALY

4. Project Title	7. Project Number
COMMUNITY FACILITIES	620

(...continued)

Quarters, Lodge and School Expansion. This project will construct five separate and usable facilities for Quality of Life Support; a chapel/religious education building, a community building, an administration building, an enlisted dining facility, and a security facility including two gate houses. The existing child development center will be relocated. All buildings, two stories or more, will be designed to handle an additional story for future expansion if necessary. The community and administration buildings will be three stories, chapel/religious education facility, enlisted dining facility/club, two stories, and a security building and gate houses one story (these two facilities will be hardened as per force protection criteria). All facilities will be handicapped accessible; two stories and more will be provided with elevators. These facilities (except gate houses) will be concrete and/or steel frame buildings with insulated metal panels, concrete foundation and structural floor, clay tile pitched roof on insulated metal decking and steel truss. The facilities will be heated and cooled, and provided with fire protection including sprinklers, information systems, alarm and detection system and connected to the base wide utility system. New base-wide utility distribution systems will be provided as well as some new roadways, parking, a third well for water requirements, technical operating manuals, paving and site improvements. Construction to seismic zone four. Demolition of 33 buildings and 3 Water Storage Tanks is included.

11. Requirement: 0 LS Adequate: 0 LS Substandard: 0 LS

PROJECT:
This project is the second of a four phase development for the recapitalization plan for NAS I (personnel support area) at U.S. Naval Air Station, Sigonella, Sicily and constructs seven Quality of Life support facilities as part of the overall recapitalization plan for NAS I. (Current mission)

REQUIREMENT:

Adequate and efficiently configured facilities are required to provide and develop a systematic, methodical and executable program for the recapitalization of facilities at NAS I. This project will reconfigure NAS I to significantly enhance functional efficiency and the Quality of Life environment as well as provide for some force protection, safety, and fire protection deficiencies; demolish and/or replace all low equity, obsolete, inefficient, high maintenance and repair (BMAR) facilities and structures; reclaim and optimize use of scarce and wasted real estate,

306

1. Component NAVY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date 2/14/00
3. Installation and Location/UIC: N62995 NAVAL AIR STATION SIGONELLA, ITALY		
4. Project Title COMMUNITY FACILITIES		7. Project Number 620

(...continued)

replace deteriorated, energy inefficient utility systems; and create expansion opportunities associated with future mission changes and expansion/consolidation. U.S. Naval Air Station, Sigonella, considered the "Hub Of the Med", provides the prime logistic support for Naval Operations (both U.S. and NATO) in the Mediterranean. It is the host activity for several commands and mission support in the region. Existing facilities are not constructed to seismic criteria or fire protection criteria. In addition, energy efficient controlled facilities are required to reduce output in the near future. Project will eliminate life safety problems between pedestrian and vehicle traffic throughout the base.

CURRENT SITUATION:

Currently, NAS I is dense with dispersed facilities which allows for no available land for expansion. Since NAS Sigonella is the primary core base for fleet logistics and airfield operations, it is actively being considered to become a receiver site for functions from other activities as proposed in a theater realignment plan for the Mediterranean. NAS I is the primary personnel support area for Sigonella. Therefore, a recapitalization plan for this area provides for the consolidation of various facilities to significantly enhance functional efficiency and the Quality of Life environment in support of approximately 8,500 people. The majority of the existing facilities are deteriorated, inefficient, high maintenance cost, and dysfunctional from the uses they were originally built for. These facilities are deficient in seismic criteria, fire protection and handicap accessibility. In addition, most of the older facilities were not constructed to seismic criteria and therefore would not withstand minimum seismic activity. This project will allow for the recapitalization for optimum use of scarce and wasted real estate. It will also create expansion opportunities associated with future mission changes, as well as provide for energy-efficient controlled facilities.

IMPACT IF NOT PROVIDED:

The recapitalization plan of NAS I will be jeopardized, as this project is the second phase of a four phase development of the personnel support area at NAS Sigonella. Continued use of existing facilities which are deteriorated, inefficient, high BMAR will prohibit improvement of Quality of Life and negatively affect expansion/consolidation possibilities.

306

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N62995
NAVAL AIR STATION SIGONELLA, ITALY

4. Project Title	7. Project Number
COMMUNITY FACILITIES	620

(...continued)

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 02/99
- (B) Date Design 35% Complete..... 08/99
- (C) Date Design Complete..... 02/01
- (D) Percent Complete As Of September 1999..... 35%
- (E) Percent Complete As Of January 2000..... 95%
- (F) Type of Design Contract..... Design/Bid/Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... No

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 2070
- (B) All Other Design Costs..... 2640
- (C) Total..... 4710
- (D) Contract..... 4140
- (E) In-House..... 570

(4) Contract Award..... 06/01

(5) Construction Start..... 07/01

(6) Construction Completion..... 08/03

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: CAPT MARK SAMUELS Phone No: 39-095-86-5771

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N63005	4. Command	5. Area Constr Cost Index
ADMIN SUPPORT UNIT SOUTHWEST ASIA	Chief of Naval Operations	1.46

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 1/20/00	155	870	167	0	0	0	136	464	0	1,792
b. End FY 2006	175	898	157	0	0	0	136	464	0	1,830

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (0.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999	285.00
c.	AUTHORIZATION NOT YET IN INVENTORY	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM	19,400.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS	8,779.00
g.	REMAINING DEFICIENCY	94,570.00
h.	**GRAND TOTAL**	**123,034.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
131.15	OPERATIONS CENTER	5,216 m2	19,400	05/99	03/00
	TOTAL		19,400		

9. Future Projects:

a. Included In The Following Program (FY 2002):

None

b. Major Planned Next Three Years:

740.09	INSTALLATION SVC SUPT CTR	4,290 m2	8,779
	TOTAL		8,779

c. Real Property Maintenance Backlog ($000): $ 4,200

10. Mission Or Major Functions:

This unit is under the Commander, U. S. Naval Forces Central Command (COMUSNAVCENT) who provides overall command and operational control of naval forces assigned to the Commander in Chief U. S. Central Command (USCINCCENT) and coordinates with naval forces operating in support of USCINCCENT's naval component. Its mission is to maintain and operate facilities and to provide support for visiting units of the operating forces, Department of Defense Dependent School, and to personnel, including dependents, from commands and U.S. Department of Defense activities in the Bahrain area. Also responsible for operating and maintaining a communications facility to support the Defense Communication System and Fleet requirements in the Persian Gulf to

(Continued On DD 1390C)

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00
3. Installation and Location/UIC: N63005	4. Command	5. Area Constr Cost Index
ADMIN SUPPORT UNIT SOUTHWEST ASIA	Chief of Naval Operations	1.46

(...continued)

include a message center.

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N63005	4. Project Title
NAVAL ADMIN SUPPORT UNIT SOUTHWEST ASIA	OPERATIONS CENTER

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0205096N	131.15	904	19,400

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
OPERATIONS CENTER	m2	5,216	-	15,380
OPERATIONS CONTROL CENTER	m2	5,216	2,910	(15,180)
INFORMATION SYSTEMS	LS	-	-	(100)
TECHNICAL OPERATING MANUALS	LS	-	-	(100)
SUPPORTING FACILITIES	LS	-	-	2,840
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(950)
UTILITIES	LS	-	-	(1,090)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(700)
DEMOLITION	LS	-	-	(100)
SUBTOTAL	-	-	-	18,220
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	18,220
Supervision Inspection & Overhead (6.5%)	-	-	-	1,180
TOTAL REQUEST	-	-	-	19,400
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

Construct a multi-story, semi-hardened facility to house a communications center; pile foundations with concrete structure, floors and roof; roof will be designed with dedicated penetrations to support various antenna systems; ventilation and air conditioning system, hot and cold domestic water, sanitary fixtures, electric service and distribution equipment, interior lighting, telephone, fire alarm, and sprinkler system. Sensitive Compartmented Information System type construction will be utilized, along with raised flooring, Intrusion Detection System and entry control systems, grounding, emergency generators, and an Uninterruptible Power Supply System. Project includes parking, roads, exterior landscaping, and architecture to match the local area. Demolition of paving.

11. Requirement: 5,216 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

This project provides the Communications portion of the Operations Control Center for secure command and control for U.S. Naval Forces Central Command (COMUSNAVCENT), and the US Fifth Fleet (COMFIFTHFLT).

(Continued On DD 1391C)

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N63005
NAVAL ADMIN SUPPORT UNIT SOUTHWEST ASIA

4. Project Title	7. Project Number
OPERATIONS CENTER	904

(...continued)

Operations Center (Phase II) = 5,216 m2 = 56,145 Square Feet (Current mission)

REQUIREMENT:

An adequate and properly configured facility is required to support forward deployed COMUSNAVCENT staff, the Navy component commander of US Central Command, and Commander, U.S. Fifth Fleet. This includes the need for proper communications support for COMUSNAVCENT to exercise operational control of all Naval forces in the region and act as Commander Joint Task Force for all joint and combined operational exercises. The COMUSNAVCENT staff of about 350 people are tasked with providing logistics, intelligence, communications, legal, medical and administrative support for the Navy forces under their area of responsibility.

CURRENT SITUATION:

COMUSNAVCENT moved ashore to austere temporary facilities in 1992 with the departure of the flag ship USS LaSalle from the Persian Gulf region, after Operation Desert Shield/Desert Storm. Personnel (350 people) and equipment are scattered in approximately 25 temporary trailers, which do not provide adequate security for personnel, and do not provide adequate security for communications with Naval forces operating throughout the region, including the Middle East and Persian Gulf areas. The trailers provide only about one sixth of the space required to properly conduct the mission. Some of the trailers are located less than the required 400 foot anti-terrorist setback from the perimeter fence. The decentralization and lack of properly-configured facilities results in inefficiencies. The temporary facilities are deteriorating and most are beyond economic repair. Space is not available in the existing makeshift facilities for the additional equipment required to enable the OPCON Center to conduct peacetime missions effectively.

IMPACT IF NOT PROVIDED:

Without this project, interception of communications could impact the security of U.S. forces operating throughout the Central Command Area, including the Middle East and the Persian Gulf. Also, terrorist activities will continue to be a threat to personnel working in trailers instead of the proposed facility with semi-hardened construction and a four hundred foot setback from the perimeter fence. COMUSNAVCENT will continue to operate out of temporary trailers, with insufficient power,

301

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N63005
NAVAL ADMIN SUPPORT UNIT SOUTHWEST ASIA

4. Project Title	7. Project Number
OPERATIONS CENTER	904

(...continued)

space, security, and communications to properly manage the myriad of operations taking place in its area of responsibility. Resources and time will continue to be required to compensate for the lack of suitable facilities to accommodate this forward deployed command.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 05/99
- (B) Date Design 35% Complete..... 09/99
- (C) Date Design Complete..... 03/00
- (D) Percent Complete As Of September 1999..... 35%
- (E) Percent Complete As Of January 2000..... 60%
- (F) Type of Design Contract..... Design/Bid/Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 1200
- (B) All Other Design Costs..... 300
- (C) Total..... 1500
- (D) Contract..... 1300
- (E) In-House..... 200

(4) Contract Award..... 11/00

(5) Construction Start..... 12/00

(6) Construction Completion..... 05/03

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: LT THOMAS SCHEUERMANN Phone No: 011-973-724-450

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N65160	4. Command	5. Area Constr Cost Index
NORTH ATLANTIC TREATY ORGANIZATION NORFOLK, VIRGINIA	Chief of Naval Operations	0

6. Personnel Strength	Permanent			Students			Supported			
a. As Of	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
	0	0	0	0	0	0	0	0	0	0
b. End FY 2006	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (0.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999	0.00
c.	AUTHORIZATION NOT YET IN INVENTORY	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM	142.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS	0.00
g.	REMAINING DEFICIENCY	1,100.00
h.	**GRAND TOTAL**	**1,242.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
610.10	HOST NATION INFRASTR SUPP	0 LS	142		
	TOTAL		142		

9. Future Projects:

a. Included In The Following Program (FY 2002):

None

b. Major Planned Next Three Years:

None

c. Real Property Maintenance Backlog ($000): $ 0

10. Mission Or Major Functions:

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

306

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N65160	4. Project Title
VARIOUS LOCATIONS	HOST NATION INFRASTRUCTURE

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0901212N	610.10	201	142

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
HOST NATION INFRASTRUCTURE	LS	-	-	140
HOST NATION INFRASTRUCTURE	LS	-	-	(140)
SUPPORTING FACILITIES		-	-	-
SUBTOTAL	-	-	-	140
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	140
Supervision Inspection & Overhead (0.0%)	-	-	-	2
TOTAL REQUEST	-	-	-	142
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

The host nation support required varies for each individual NATO project. These funds will be used to cover non-NATO eligible expenses such as host nation costs, life safety, functional utility/livability, energy, administrative expenses, design support, joint formal acceptance inspection and audit, currency fluctuation losses, and restoration floor.

11. Requirement: 0 LS Adequate: 0 LS Substandard: 0 LS

PROJECT:

Execute role as host nation and construction agent for NATO Infrastructure projects in CONUS, Iceland and Bermuda, in accordance with DoD Directive.

REQUIREMENT:

The Host Nation Infrastructure Support (HNIS) program provides a source of U.S. funds for each NATO-funded project to pay host nation costs. This authority is not used to increase the scope of a facility for U.S. functions, such work is included through conjunctive funding in separate MILCON projects.

CURRENT SITUATION:

Navy is the construction agent for NATO Infrastructure projects at locations where the United States is host nation. HNIS responsibilities

(Continued On DD 1391C)

306

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N65160
VARIOUS LOCATIONS

4. Project Title	7. Project Number
HOST NATION INFRASTRUCTURE	201

(...continued)

involve funding certain program costs, such as, land acquisition, source utilities, roads and parking, administrative expenses, design support, joint formal acceptance inspections (JFAI) and audits, currency fluctuation losses, and restoration floor. NATO eligibility criteria stipulates only Minimum Military Requirement (MMR) for wartime occupancy and does not include peacetime related features such as fire protection or energy conservation. This request is based on approved NATO Infrastructure projects.

IMPACT IF NOT PROVIDED:

Timely U.S. funding for the work will not be possible. Delays in executing these projects for lack of HNIS funding will deprive operating units of sorely needed facilities and may be a source of embarrassment for the U.S.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started.....
- (B) Date Design 35% Complete.....
- (C) Date Design Complete.....
- (D) Percent Complete As Of September 1999..... 100%
- (E) Percent Complete As Of January 2000..... 100%
- (F) Type of Design Contract..... N/A
- (G) Parametric Estimate used to develop cost..... N/A
- (H) Energy study/life-cycle analysis performed..... N/A

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 0
- (B) All Other Design Costs..... 0
- (C) Total..... 0
- (D) Contract..... 0
- (E) In-House..... 0

306

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N65160
VARIOUS LOCATIONS

4. Project Title	7. Project Number
HOST NATION INFRASTRUCTURE	201

(...continued)

(4) Contract Award.....

(5) Construction Start.....

(6) Construction Completion.....

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: Phone No:

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: NC1002	4. Command	5. Area Constr Cost Index
OTHER SHORE EST. WASHINGTON D C, DIST OF COLUMBIA	Chief of Naval Operations	0.88

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 9/5/99	0	0	0	0	0	0	0	0	0	0
b. End FY 2006	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (0.00)	
b.	INVENTORY TOTAL AS OF 05 Sep 1999.....	0.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	11,500.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	0.00
g.	REMAINING DEFICIENCY.....	54,051.00
h.	**GRAND TOTAL**.....	**65,551.00**

8. Projects Requested In This Program:

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Complete
721.11	BEQ AND DINING FACILITY	4,415 m2	11,500	12/98	04/01
	TOTAL		11,500		

9. Future Projects:

a. Included In The Following Program (FY 2002):

None

b. Major Planned Next Three Years:

None

c. Real Property Maintenance Backlog ($000): $ 0

10. Mission Or Major Functions:

Logistic and maintenance support to Naval support units as assigned.

11. Outstanding Pollution And Safty Deficiensies ($000):

a. Pollution Abatement (*): $ 0

b. Occupational Safty And Health (OSH) (#): $ 0

307

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: NC1002	4. Project Title
VARIOUS LOCATIONS	BACHELOR ENLISTED QUARTERS & DINING FAC

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0204996N	721.11	608	11,500

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
BACHELOR ENLISTED QUARTERS & DINING FAC	M2	4,415	-	8,800
BACHELOR ENLISTED QUARTERS	M2	3,740	1,425	(5,330)
DINING FACILITY	M2	675	2,330	(1,570)
TECHNICAL OPERATING MANUALS	LS	-	-	(70)
BUILT IN EQUIPMENT	LS	-	-	(80)
INFORMATION SYSTEMS	LS	-	-	(50)
SPECIAL MISSION REQUIREMENTS	LS	-	-	(1,700)
SUPPORTING FACILITIES	LS	-	-	2,050
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(70)
ELECTRICAL UTILITIES	LS	-	-	(130)
MECHANICAL UTILITIES	LS	-	-	(150)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,400)
DEMOLITION	LS	-	-	(300)
SUBTOTAL	-	-	-	10,850
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	10,850
Supervision Inspection & Overhead (6.0%)	-	-	-	650
TOTAL REQUEST	-	-	-	11,500
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

Two-story wood-framed building on concrete slab with double oak-slab siding, cedar shingled roof, and other exterior finishes which comply with the Base Exterior Architectural Plan; 44 "2+0" standard modules consisting of two 2-sailor rooms, each with a semi-private bath, and support areas; building circulation space; mechanical and electrical distribution systems; fire protection systems; parking; landscaping; demolition of the original barracks; special construction features includes rock excavation; special mission requirements include sound attenuation, anti-terrorism design (REACT Force room), special security measures, special scheduling and extended construction duration, limited bid environment, special exterior finishes, and special cleanup.
Intended grade mix: 106 E1-E4; 33 E5-E9. Total 139
Maximum utilization: 176 E1-E4.

(Continued On DD 1391C)

307

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: NC1002
VARIOUS LOCATIONS

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS & DINING FAC	608

(...continued)

11. Requirement: 139 PN Adequate: 0 PN Substandard: 0 PN

PROJECT:

Provides a replacement Bachelor Enlisted Quarters and a new Enlisted Dining Facility.

Bachelor Enlisted Quarters/Dining Facility = 4,415 m2 = 47,523 Square Feet
Dining Facility = 3,740 m2 = 40,257 Square Feet
Technical Operating Manual = 675 m2 = 7,266 Square Feet (Current mission)

REQUIREMENT:

Rapid response by security personnel is critical to the Command's mission performance. Berthing must remain on station due to mission sensitivity and national operational security. The facility must include additional special security features including anti-terrorism design, sound attenuation and special security measures. Adequate housing is required for E1-E4 and E5-E9 personnel assigned to the Command. The Command is staffed principally by junior personnel who are required to live on the base to be available for rapid operational response on the base.

CURRENT SITUATION:

The existing wooden facility was built in 1958 and is at the end of its economic life. The plumbing is badly corroded, is continually backing up and is failing. The electrical wiring and circuit breakers are inadequate to meet current day requirements and do not meet code. Heating, ventilation and air conditioning systems are mismatched and zoned improperly. The building is a fire safety hazard because multiple layers of concealed, abandoned ceilings exist, creating dead spaces where fire can spread rapidly and widely undetected, endangering the occupants of the building. There is a continuous mildew and termite problem due to poor ventilation, resulting in poor living conditions and poor morale. The building is overcrowded, with two to four personnel occupying a space where normally one would, according to current standards, and there is not enough storage for required specialized security gear. Gang heads are in use, violating current standards for this grade level. Annual maintenance of this facility is in excess of $400,000 per year, and uses up most of the maintenance budget for the entire activity. The current infrastructure is not large enough to be rehabilitated to comply with current bachelor quarters standards. No other facilities exist on base, and personnel must be berthed on base. No other site or alternative is

307

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: NC1002
VARIOUS LOCATIONS

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS & DINING FAC	608

(...continued)

available to the Command.

IMPACT IF NOT PROVIDED:

Enlisted personnel will continue to live in unsafe, deteriorating conditions that do not meet life/safety codes, building codes, or special security features. Inadequate living conditions will adversely affect the morale of all the BEQ residents, reducing the operational ability of personnel to support the Command's highly sensitive mission. Additionally, the increased maintenance and operating fiscal requirements for this aging facility will continue to use up a majority of the Command's maintenance and repair budget. This severely restricts the Command from efficiently supporting other station facility requirements.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 12/98
- (B) Date Design 35% Complete..... 02/00
- (C) Date Design Complete..... 10/01
- (D) Percent Complete As Of September 1999..... 3%
- (E) Percent Complete As Of January 2000..... 30%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 700
- (B) All Other Design Costs..... 350
- (C) Total..... 1050
- (D) Contract..... 900
- (E) In-House..... 150

(4) Contract Award..... 03/01

307

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: NC1002
VARIOUS LOCATIONS

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS & DINING FAC	608

(...continued)

(5) Construction Start..... 05/01

(6) Construction Completion..... 05/03

B. Equipment associated with this project which will be provided from other appropriations: NONE.

C. FY 1999 Unacccompanied Housing Real Property Maint Conducted ($000) 400
D. FY 2000 Unacccompanied Housing Real Property Maint Conducted ($000) 400
E. Future Unacccompanied Housing Real Property Maint Requirements ($000) 400
Activity POC: LT CHRIS KURGAN Phone No: (301) 271-1479

314

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N64482	4. Project Title
NAVAL AND MARINE CORPS INSTALLATIONS VARIOUS LOCATIONS	PLANNING AND DESIGN

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0901211N	010.00	201	63,335

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PLANNING AND DESIGN	LS	-	-	63,330
SUBTOTAL	-	-	-	63,330
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	63,330
Supervision Inspection & Overhead (0.0%)	-	-	-	5
TOTAL REQUEST	-	-	-	63,335
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

Funds to be utilized under Title 10 USC 2807 for architectural and engineering services and construction design in connection with military construction projects including regular program projects, unspecified minor construction, emergency construction, land appraisals, and special projects as directed. Engineering investigations, such as field surveys and foundation exploration, will be undertaken as necessary.

11. Requirement: 0 LS Adequate: 0 LS Substandard: 0 LS

PROJECT:
All projects in a military construction program presented for approval must be based on sound engineering and the best cost data available. For this reason, design is initiated to establish project estimates in advance of program submittal to the Congress. Based on this preliminary design, final plans and specifications are then prepared. These costs for architectural and engineering services and construction design are not provided for in the construction project cost estimates.

REQUIREMENT:

CURRENT SITUATION:

IMPACT IF NOT PROVIDED:

(Continued On DD 1391C)

314

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N64482
NAVAL AND MARINE CORPS INSTALLATIONS VARIOUS LOCATIONS

4. Project Title	7. Project Number
PLANNING AND DESIGN	201

(...continued)

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 01/00
- (B) Date Design 35% Complete..... 01/00
- (C) Date Design Complete..... 01/00
- (D) Percent Complete As Of September 1999..... 0%
- (E) Percent Complete As Of January 2000..... 0%
- (F) Type of Design Contract.....
- (G) Parametric Estimate used to develop cost..... N/A
- (H) Energy study/life-cycle analysis performed..... N/A

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 0
- (B) All Other Design Costs..... 0
- (C) Total..... 0
- (D) Contract..... 0
- (E) In-House..... 0

(4) Contract Award.....

(5) Construction Start..... 01/00

(6) Construction Completion..... 01/00

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: Phone No:

315

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N64481	4. Project Title
NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS	UNSPECIFIED MINOR CONSTRUCTION

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0901211N	020.00	201	629

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
UNSPECIFIED MINOR CONSTRUCTION	LS	-	-	620
SUBTOTAL	-	-	-	620
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	620
Supervision Inspection & Overhead (0.0%)	-	-	-	9
TOTAL REQUEST	-	-	-	629
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

Projects authorized by Title 10 USC 2805 not otherwise authorized by law having an approved cost of $1,500,000 or less, including construction, alteration, or conversion of permanent or temporary facilities. Projects intended solely to correct a deficiency that is life-threatening, health-threatening, or safety-threatening, may have an approved cost equal to or less than $3,000,000. Total request includes funds for supervision, inspection, and overhead.

11. Requirement: 0 LS **Adequate:** 0 LS **Substandard:** 0 LS

PROJECT:

Title 10 USC 2805 provides authority to the Secretary of Defense and the Secretaries of the Military Departments to acquire, construct, extend, alter or install permanent facilities having an approved cost of $1,500,000 or less not otherwise authorized by law. Included are those items required for which a need cannot reasonably be foreseen nor justified in time to be included in an annual military construction program, but are so urgently required that financing cannot be deferred until legislation in support of a new program is enacted.

REQUIREMENT:

CURRENT SITUATION:

(Continued On DD 1391C)

315

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N64481
NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS

4. Project Title	7. Project Number
UNSPECIFIED MINOR CONSTRUCTION	201

(...continued)
IMPACT IF NOT PROVIDED:

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
(A) Date Design Started..... 01/00
(B) Date Design 35% Complete..... 01/00
(C) Date Design Complete..... 01/00
(D) Percent Complete As Of September 1999..... 0%
(E) Percent Complete As Of January 2000..... 0%
(F) Type of Design Contract.....
(G) Parametric Estimate used to develop cost..... N/A
(H) Energy study/life-cycle analysis performed..... N/A

(2) Basis:
(A) Standard or Definitive Design: No
(B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
(A) Production of Plans and Specifications..... 0
(B) All Other Design Costs..... 0
(C) Total..... 0
(D) Contract..... 0
(E) In-House..... 0

(4) Contract Award.....

(5) Construction Start..... 01/00

(6) Construction Completion..... 01/00

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: Phone No:

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N64481	4. Project Title
NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS	UNSPECIFIED MINOR CONSTRUCTION

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0901211N	020.00	P-201	7,659

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
UNSPECIFIED MINOR CONSTRUCTION	LS	-	-	7,650
SUBTOTAL	-	-	-	7,650
Contingency (0.0%)	-	-	-	0
TOTAL CONTRACT COST	-	-	-	7,650
Supervision Inspection & Overhead (0.0%)	-	-	-	9
TOTAL REQUEST	-	-	-	7,659
Equipment Provided From Other Appropriation	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Projects authorized by Title 10 USC 2805 not otherwise authorized by law having an approved cost of $1,500,000 or less, including construction, alteration, or conversion of permanent or temporary facilities. Projects intended solely to correct a deficiency that is life-threatening, health-threatening, or safety-threatening, may have an approved cost equal to or less than $3,000,000. Total request includes funds for supervision, inspection, and overhead.

11. Requirement: 0 LS Adequate: 0 LS Substandard: 0 LS

PROJECT:

Title 10 USC 2805 provides authority to the Secretary of Defense and the Secretaries of the Military Departments to acquire, construct, extend, alter or install permanent facilities having an approved cost of $1,500,000 or less not otherwise authorized by law. Included are those items required for which a need cannot reasonably be foreseen nor justified in time to be included in an annual military construction program, but are so urgently required that financing cannot be deferred until legislation in support of a new program is enacted.

REQUIREMENT:

CURRENT SITUATION:

IMPACT IF NOT PROVIDED:

(Continued On DD 1391C...)

DEPARTMENT OF THE NAVY
MILITARY FAMILY HOUSING
CONGRESSIONAL BUDGET SUBMISSION
FISCAL YEAR 2001
INDEX

	Page
Department of Navy Program Summary	415
New Construction	423
California, Naval Air Station, Lemoore	427
California, Marine Corps Air Ground Combat Center, Twentynine Palms	433
Hawaii, Marine Corps Base, Kaneohe Bay	439
Hawaii, Commander Naval Base, Pearl Harbor (Hale Moku)	445
Hawaii, Commander Naval Base, Pearl Harbor (Pearl City)	449
Hawaii, Commander Naval Base, Pearl Harbor (Radford Terrace)	451
Maine, Naval Air Station, Brunswick	455
Washington, Naval Air Station, Whidbey Island	461
Construction Improvements	465
Advance Planning and Design	513
Operation and Maintenance	517
Department of the Navy Inventory Summary	519
Navy Inventory	521
Marine Corps Inventory	525
Leasing	559
Debt	565
Privatization	569

DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 2001 BUDGET ESTIMATE
AUTHORIZATION FOR APPROPRIATION REQUESTED
($000)

FUNDING PROGRAM		FY 2001
Construction of New Housing		159,317
Construction Improvements		183,547
A & E Services and Construction Design		19,958
Subtotal Construction		362,822
Appropriation Request, Family Housing Construction		362,822
Operations, Maintenance, and Debt Payment		739,948
Operating Expenses	180,990	
Utilities	165,057	
Maintenance	393,830	
Debt Payment	71	
Leasing		142,690
Domestic	62,980	
Foreign	79,710	
Appropriation Request, Family Housing Support		882,638
Total Family Housing, Navy Appropriation Request		1,245,460
Reimbursable Authority Requirements		21,032
Financing Adjustment		0
Total Family Housing, Department of Navy Program		1,266,492

DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 2001 BUDGET SUMMARY
PROGRAM SUMMARY

(In Thousands)

FY 2001 Program	$1,266,492
FY 2000 Program	$1,247,116

Purpose and Scope

This program provides for the support of military family housing functions within the Department of the Navy.

Program Summary

Authorization is requested for:

(1) The performance of certain construction summarized herafter; and

(2) The appropriation of $1,245,460

(a) to fund this construction; and

(b) to fund partially certain other functions already authorized in existing legislation.

A summary of the funding program for Fiscal Year 2001 follows ($000):

Program	Navy	Marine Corps	DON Total
Construction			
Appropriation Request	294,827	67,995	362,822
Reimbursements	0	0	0
Total Program	294,827	67,995	362,822
Operations, Utilities, Maintenance, Leasing, and Debt Payment			
Appropriation Request	736,597	146,041	882,638
Reimbursements	18,532	2,500	21,032
Total Program	755,129	148,541	903,670
Total			
Appropriation Request	1,031,424	214,036	1,245,460
Reimbursements	18,532	2,500	21,032
Total Program	1,049,956	216,536	1,266,492

Family Housing, Navy and Marine Corps
Fiscal Year 2001

For expenses of family housing for the Navy and Marine Corps for construction, including acquisition, replacement, addition, expansion, extension and alteration and for operation and maintenance, including debt payment, leasing, minor construction, principal and interest charges, and insurance premiums, as authorized by law as follows: for Construction [$339,307,000] $362,822,000, to remain available until September 30, [2004] 2005; for Operation and Maintenance, and for Debt Payment [$886,860,000] $882,638,000; in all [$1,226,167,000] $1,245,460,000.

Family Housing, Navy & Marine Corps
Program and Financing (in Thousands of dollars)

Identification code 17-0703-0-1-051	Budget Plan (amounts for FAMILY HOUSING actions programed)			Obligations		
	1999 actual	2000 est.	2001 est.	1999 actual	2000 est.	2001 est.
Program by activities:						
Direct program:						
Construction:						
01.0101 Construction of new housing	45,632	133,977	159,317	69,552	224,260	270,773
01.0201 Construction improvements	225,829	187,706	183,547	173,673	173,258	175,621
01.0301 Planning	15,618	17,624	19,958	10,556	14,279	17,397
01.9101 Total construction	287,079	339,307	362,822	253,781	411,797	463,791
Operation, maintenance, and interest payment:						
Operation:						
02.0101 Operating expenses	294,298	349,908	346,047	294,298	349,908	346,047
02.0201 Leasing	91,657	145,365	142,690	91,657	145,365	142,690
02.0301 Maintenance of real property	522,079	391,514	393,830	522,079	391,514	393,830
02.0501 Mortgage insurance premiums		73	71		73	71
02.9101 Total operation, maintenance, and interest	908,034	886,860	882,638	908,034	886,860	882,638
09.0101 Reimbursable	2,216	20,949	21,032	2,216	20,949	21,032
10.0001 Total	1,197,329	1,247,116	1,266,492	1,164,031	1,319,606	1,367,461
Financing:						
Offsetting collections from:						
11.0001 Federal funds(-)		-20,949	-21,032		-20,949	-21,032
14.0001 Non-Federal sources(-)	-12,714			-12,714		
17.0001 Recovery of prior year obligations				-3		
Unobligated balance available, start of year:						
21.4002 For completion of prior year budget plans				-457,760	-466,609	-394,119
21.4003 Available to finance new budget plans		-16,399	-8,478		-16,399	-8,478
21.4009 Reprograming from/to prior year budget plan	-24,452					
22.1001 Unobligated balance transferred to other acco	15,458	7,921	8,478	15,458	7,921	8,478
22.2001 Unobligated balance transferred from other ac	-2,420			-2,420		
Unobligated balance available, end of year:						
24.4002 For completion of prior year budget plans				466,609	394,119	293,150
24.4003 Available to finance subsequent year budget	16,399	8,478		16,399	8,478	
25.0001 Unobligated balance expiring	25,882			25,882		
39.0001 Budget authority	1,215,482	1,226,167	1,245,460	1,215,482	1,226,167	1,245,460
Budget authority:						
40.0001 Appropriation	1,207,883	1,232,541	1,245,460	1,207,883	1,232,541	1,245,460
40.1501 Appropriation (emergency)	10,599			10,599		
40.3501 Appropriation rescinded (-)	-3,000			-3,000		
40.7601 Reduction pursuant to P.L. 106-113(-), Titl		-6,374			-6,374	
43.0001 Appropriation (adjusted)	1,215,482	1,226,167	1,245,460	1,215,482	1,226,167	1,245,460

Family Housing, Navy & Marine Corps
Program and Financing (in Thousands of dollars)

Identification code 17-0703-0-1-051	Budget Plan (amounts for FAMILY HOUSING actions programed)			Obligations		
	1999 actual	2000 est.	2001 est.	1999 actual	2000 est.	2001 est.
Relation of obligations to outlays:						
71.0001 Obligations incurred				1,151,317	1,298,657	1,346,429
72.1001 From Federal sources: Receivables and unpaid, unfilled orders, SOY				1,636	1,662	1,662
72.4001 Obligated balance, start of year				1,116,641	900,424	895,591
74.1001 From Federal sources: Receivables and unpaid, unfilled orders, EOY				-1,662	-1,662	-1,662
74.4001 Obligated balance, end of year				-900,424	-895,591	-1,008,624
77.0001 Adjustments in expired accounts (net)				-37,476		
78.0001 Adjustments in unexpired accounts				-3		
90.0001 Outlays (net)				1,330,029	1,303,490	1,233,396

Family Housing, Navy & Marine Corps
Object Classification (in Thousands of dollars)

Identification code 17-0703-0-1-051		1999 actual	2000 est.	2001 est.
	Direct obligations:			
121.001	Travel and transportation of persons	3,221	430	438
123.201	Rental payments to others	102,175	142,954	143,097
123.301	Communications, utilities, and miscellaneous charges	219,333	412,045	410,855
125.101	Advisory and assistance services		142	132
	Purchases goods/services from Government accounts			
125.301	Purchase of goods/services from Government accounts	75,183	5,285	5,415
125.303	Purchases from revolving funds	149,122	180,017	178,091
125.401	Operation and maintenance of facilities	323,779	124,891	124,904
125.701	Operation and maintenance of equipment	4,936	4,140	4,563
126.001	Supplies and materials		13,670	11,484
131.001	Equipment	30,285	3,286	3,659
132.001	Land and structures	253,781	411,797	463,791
199.001	Total Direct obligations	1,161,815	1,298,657	1,346,429
	Reimbursable obligations:			
	Purchases goods/services from Government accounts			
225.303	Purchases from revolving funds	920	2,500	2,500
226.001	Supplies and materials	1,296	18,449	18,532
299.001	Total Reimbursable obligations	2,216	20,949	21,032
999.901	Total obligations	1,164,031	1,319,606	1,367,461

DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 2001 BUDGET ESTIMATE
CONSTRUCTION OF NEW HOUSING

(In Thousands)

FY 2001 Program $159,317
FY 2000 Program $133,977

Purpose and Scope

This program provides for land acquisition, site preparation, acquisition and construction, and initial outfitting with fixtures and integral equipment of new and replacement family housing units and associated facilities such as roads, driveways, walks, and utility systems.

Program Summary

Authorization is requested for:

(1) Construction of 861 new (18) and replacement (843) homes; and,

(2) Appropriation of $159,317,000 to fund this construction.

Activity	Mission	No. of Homes	Amount
NAVY			
NAS Lemoore, CA a/	Current	160	$ 27,768
CNB Pearl Harbor, HI (Hale Moku) a/	Current	98	22,230
CNB Pearl Harbor, HI (Pearl City) a/	Current	62	14,237
CNB Pearl Harbor, HI (Radford Terrace) a/	Current	112	23,654
NAS Brunswick, ME b/	Current	168	18,722
NAS Whidbey Island, WA c/	Current	98	16,873
Subtotal, Navy		698	$123,484
MARINE CORPS			
MCAGCC Twentynine Palms, CA a/	Current	79	$ 13,923
MCB Kaneohe Bay, HI a/	Current	84	21,910
Subtotal, Marine Corps		163	$ 35,833
TOTAL		861	$159,317

a/ Replacement homes.
b/ Includes 16 new homes and 152 replacement homes.
c/ Includes 2 new homes and 96 replacement homes.

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION NAVAL AIR STATION LEMOORE, CA	4. COMMAND	5. AREA CONSTR. 1.17

6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 31 JAN 99	618	3835	872	0	0	0	43	202	0	5570
b. END FY 2004	837	4731	1078	0	0	0	43	202	0	6891

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE.....29,824 Acres.....	
b. INVENTORY TOTAL AS OF.....30 Sep 99.....	181,383
c. AUTHORIZATION NOT YET IN INVENTORY.....	72,726
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.....	27,768
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....	0
f. PLANNED IN NEXT THREE PROGRAM YEARS.....	0
g. REMAINING DEFICIENCY.....	36,792
h. **GRAND TOTAL**.....	**318,669**

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
711	Family Housing	160	27,768	Turnkey	

9. Future Project:

a.	Included in following program	0
b.	Major planned next three years	0
c.	Family Housing revitalization backlog (replacement, improvements, major repairs)	$69M

10. Mission or Major Functions: Maintain and operate facilities and provide services and materials to support operations of aviation activities of the Pacific Fleet. As part of Base Closure 93, this base will be the homeport for all the F/A-18 squadrons.

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AIR STATION LEMOORE, CA	Family Housing Replacement Capehart (Phase VI of VIII)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
	711	H-594	AUTH: $27,768 APPR: $27,768

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
Family Housing:	FA	160	115,719	18,515
Buildings	GSM	23,086	802	(18515)
Supporting Costs:				7,681
Lot Costs				(707)
Site Improvements				(1,051)
Utility Mains				(2,411)
Streets				(698)
Landscaping				(453)
Recreation				(213)
Environmental				(835)
Demolition				(1,162)
Other Site Work				(151)
Land Purchase				(0)
Subtotal				26,196
Contingency (0%)				0
Total Contract Cost				26,196
SIOH (6%)				1,572
Total				27,768

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Multi-family housing units; wood or metal frame, or masonry with stucco or vinyl siding, covered parking, covered patios, privacy fencing, exterior storage and recreational facilities. Fire sprinkler system included in unit price. Demolition includes removal of asbestos. (23,086 GSM/$802 per GSM = 248,496 GSF/$75 per GSF)

Grade	Bedrooms	Net Area	Gross Area	Project Factor	Cost Per GSM	No. Units	($000) Total
JEM	3	111	138	1.17	685	104	11530
JEM	4	125	156	1.17	685	56	6985
						160	18,515

11. REQUIREMENT

PROJECT: This project replaces 160 junior enlisted homes at NAS Lemoore. (Current Mission)

REQUIREMENT: This project is the sixth of eight phases to replace the 1300 Capehart homes which have been determined to be structurally unsound. The economic analysis recommends replacement as the proposed course of action as it corrects current deficiencies and provides modernized, energy efficient homes for this remote base. This project includes community recreational facilities and expanded common open spaces. Recreational facilities

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE

3. INSTALLATION AND LOCATION
NAVAL AIR STATION
LEMOORE, CA

4. PROJECT TITLE	5. PROGRAM ELEMENT
Family Housing Replacement Capehart (Phase VI of VIII)	

include tot lots, jogging paths, and playing courts/fields in accordance with MIL-HDBK-1035.

CURRENT SITUATION: The Capehart homes were built between 1959 and 1962. Cracking and lateral movement of the slabs, concrete block walls, rafters, and sill plates has resulted in structural instability and moisture penetration. The shifting high water table and the sandy loam, with its high concentration of alkali and boron, cause constant shifting of load bearing surfaces. Construction defects have seriously compounded the problem. No horizontal reinforcement is present in the thin (some only 3" thick) slabs and adjoining block walls. Other construction defects include electric wiring with reverse polarity, expansive areas of single pane windows, lack of insulation in walls and ceilings, asbestos in floor tile and ceilings, and lead-based paint. The roofs are over 25 years old, driveways and sidewalks are shifting, and utility distribution systems (electrical, gas, water, and sewer) are all severely deteriorated. The activity has been forced to take several units off line. The Navy cannot afford to lose government homes in this remote location. Little or no private sector rental housing is available. The necessity for two on-base schools attests to the remoteness of the base. The loss of homes would adversely affect military families.

IMPACT IF NOT PROVIDED: Military members will be forced to choose between involuntary separations from their families, or commuting unacceptable distances. Either choice will likely lead to poor morale and dissatisfaction with the Navy. Retention of quality personnel will be adversely impacted.

Project design conforms to Part II of Military Handbook 1190, "Facilities Planning and Design Guide".

Necessary coordination with the school district is in progress.

CDR James Gerner
(559)998-4091

MILITARY FAMILY HOUSING JUSTIFICATION	1. PRINT DATE OF REPORT (YYMMDD) 000208	2. FISCAL YEAR 2001	REPORT CONTROL SYMBOL DD-A&L(AR)1716

3. DOD COMPONENT	4. REPORTING INSTALLATION	
NAVY	a. NAME NC	b. LOCATION
5. DATA AS OF MAR 99	LEMOORE CA NAS	CALIFORNIA

ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT (end FY98)				PROJECTED (to 2004)			
	Officer (a)	E9-E7 (b)	E6-E1 (c)	Total (d)	Officer (e)	E9-E7 (f)	E6-E1 (g)	Total (h)
6. TOTAL PERSONNEL STRENGTH	661	336	3701	4698	880	416	4517	5813
7. PERMANENT PARTY PERSONNEL	618	326	3509	4453	837	406	4325	5568
8. GROSS FAMILY HOUSING REQUIREMENTS	449	305	2106	2861	637	384	2725	3746
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	7	11	436	454				
a. INVOLUNTARILY SEPARATED	0	0	0	0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED	0	3	298	301				
c. UNACCEPTABLY HOUSED IN COMMUNITY	7	8	138	153				
10. VOLUNTARY SEPARATIONS	15	28	147	190	21	35	190	246
11. EFFECTIVE HOUSING REQUIREMENTS	434	278	1959	2671	616	349	2535	3500
12. ADEQUATE ASSETS (a+b)	437	271	1690	2398	614	326	2164	3104
a. UNDER MILITARY CONTROL	78	61	1021	1160	77	13	1340	1430
(1) Housed in Existing DOD Owned/Controlled	74	60	879	1013	77	13	934	1024
(2) Under Contract/Approved					0	0	406	406
(3) Vacant	1	1	85	87				
(4) Inactive	3	0	57	60				
b. PRIVATE HOUSING	359	210	669	1238	537	313	824	1674
(1) Acceptably Housed	353	207	644	1204				
(2) Vacant Rental Housing	6	3	25	34				
13. EFFECTIVE HOUSING DEFICIT (11-12)	-3	7	269	273	2	23	371	398
14. PROPOSED PROJECT					0	0	160	160

15. REMARKS

Block 4. NAS Lemoore is located in a predominately rural area. Large scale agriculture dominates the surrounding region. The local economy is unable to satisfy the requirement for rental housing.

Line 9.b. reflects 301 occupied units to be replaced. Not included are 137 vacant units which will also be replaced. This includes Phase 4 (162 units), Phase 5 (116 units) and Phase 6 (150 units) of the replacement program.

Line 12.a.2 reflects Phase 3 (128 units), Phase 4 (162 units), and FY00 Phase 5 (116 units) of a multi-phase replacement program.

Line 12.b. incorporates private sector data from the June 1999 Market Analysis.

Line 14 Project composition is as follows:

160 replacement homes — 104 3-bedroom JEM
56 4-bedroom JEM
160 Total Homes

Note: All F/A 18 Squadrons "Officially" projected for relocation to NAS Lemoore have been included in the baseloading numbers. Additional squadrons, which NAS Lemoore believe will also be relocated have not been included for lack of "Official" documentation.

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA									2. DATE
3. INSTALLATION AND LOCATION MARINE CORPS AIR GROUND COMBAT CENTER, TWENTYNINE PALMS, CA				4. COMMAND COMMANDANT OF THE MARINE CORPS					5. AREA CONST. 1.29	
6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 06/30/99	102	663	706	55	2,093	0	527	6,842	689	11,677
b. END FY 2006	106	654	629	45	2,920	0	696	7,547	1117	13,774

7. INVENTORY DATA ($000)

a. TOTAL ACREAS ..... (605,616 Acres).....	
b. INVENTORY TOTAL AS OF ..... 30 Sep 99	127,836
c. AUTHORIZATION NOT YET IN INVENTORY	23,891
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.....	13,923
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	16,087
f. PLANNED IN NEXT THREE PROGRAM YEARS	13,925
g. REMAINING DEFICIENCY	95,749
h. GRAND TOTAL	291,411

8.PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
711	Family Housing	79	13,923	Turnkey	

9. Future Projects:

a. Included in following program — 73 Replacement Homes
b. Major planned next three years — 76 Replacement Homes
c. Family housing revitalization backlog (replacement, improvements, major repairs) — $98.6M

10. Mission or Major Functions: Provide housing, training facilities, logistical, and administrative support for Fleet Marine Force units and other units assigned. Operate the Communication-Electronics School, and administer and conduct the air-ground training program for combined training of Fleet Marine Force units, both active and reserve.

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
MARINE CORPS		

3. INSTALLATION AND LOCATION	4. PROJECT TILE
MARINE CORPS AIR GROUND COMBAT CENTER, TWENTYNINE PALMS, CA	FAMILY HOUSING REPLACEMENT MARINE PALMS PHASE 2 OF 5

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	711	H-370	$13,923

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
Family Housing	FA	79	105,481	8333
Buildings (Metric)	SM	7,451	1118.37	(8333)
Buildings (English)	SF	80,200	103.90	(8333)
Supporting Costs				4802
Paving & Site Improvements				(1577)
Utilities				(1492)
Landscaping				(433)
Recreation				(133)
Spec Construction Features				(250)
Demolition				(917)
Subtotal				13135
Contingency (0%)				0
Total Contract Cost				13135
Supervision, Inspection, & Overhead (6.0%)				788
Total				13923
Total (Rounded)				$13,923

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Multi-family housing units; wood frame or masonry with stucco or vinyl siding, covered parking, covered patios, privacy fencing, exterior storage and recreational facilities. Fire sprinkler system included in price. Special construction feature exits for seismic bracing. Demolition includes removal of asbestos.

Grade	Bedroom	Net Area	Project Factor	Unit Cost	No. Units	($000) Total
JEM	2	88.257	1.3158	850	62	6,120.0
JEM	3	111.484	1.3158	850	11	1,371.6
JEM	4	125.419	1.3158	850	6	841.6
					79	8,333.2

11. REQUIREMENT:

PROJECT: This project replaces 79 homes for junior enlisted personnel attached to Marine Corps Air Ground Combat Center, Twentynine Palms, California.

1. COMPONENT		2. DATE
MARINE CORPS	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	
3. INSTALLATION AND LOCATION MARINE CORPS AIR GROUND COMBAT CENTER TWENTYNINE PALMS, CA		
4. PROJECT TITLE FAMILY HOUSING REPLACEMENT MARINE PALMS PHASE 2 OF 5		5. PROJECT NUMBER H-370

REQUIREMENT: Adequate family housing is needed for married personnel and their families. This project is the second of several phases to replace 469 Wherry Homes in the Marine Palms housing area. These units' concrete construction makes them very difficult to remodel. The economic analysis recommends replacement as the proper course of action as it corrects current deficiencies and provides modernized, energy efficient homes for this remote desert base. This project includes community recreational facilities, and expanded common open spaces reflecting the Marine Corps Quality Homes concepts. Recreational facilities include tot lots, jogging paths, and playing courts/fields in accordance with MIL-HDBK-1035.

CURRENT SITUATION: A current deficit of 387 adequate housing units exists. There is an extreme shortage of suitable housing in the community. These Wherry units were built in 1954 with tilt-up concrete walls and slab floors. The floors are heaving and cracking, causing walls to shift, doors to mis-align, and windows to bind and seal improperly. Replacement parts for the windows are no longer available. There is no insulation in the concrete walls making these units impossible to heat or cool either adequately or economically. Evaporative coolers are undersized. Heating and air conditioning system ducts, plenum, and grills are rusted out. The electrical wiring is substandard and located within the concrete walls, making repairs and replacement very difficult and expensive. Light fixtures are energy inefficient. The plumbing within the concrete walls is deteriorated and has to be replaced. Sewer laterals are corroded due to root intrusion and breakage. Water piping and laterals are corroded and provide insufficient water pressure. Roofs need to be replaced as the decking is in very poor shape and the foam roof with acrylic coating requires constant repair. Kitchen and bathroom fixtures and cabinets are in poor condition. The units experience drainage problems. Carports and storage sheds require extensive repair and maintenance.

IMPACT IF NOT PROVIDED: Maintenance and utility costs will continue to increase. Units will have to be taken off line, resulting in increases to both the housing deficit in the local community and to the cost associated with BAH payments. Military members will be forced to choose between involuntary separations from their families, or accepting housing that is unsuitable. Either choice will likely lead to poor morale and dissatisfaction with the Marine Corps. Retention of quality personnel will be adversely impacted.

Project design conforms to Part II of Military Handbook 1190, "Facilities Planning and Design Guide."

Mr. Clifford Hassell
(760) 830-7351

MILITARY FAMILY HOUSING JUSTIFICATION	1. DATE OF REPORT (YYMMDD 990530	2. FISCAL YEAR 2001	REPORT CONTROL SYMBOL DD-A&L(AR)1716
3. DOD COMPONENT NAVY	4. REPORTING INSTALLATION a. NAME NC Marine Corps Air Ground Combat Center, Twentynine Palms	b. LOCATION California	
5. DATA AS OF Jan 99			

ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT OFFICER (a)	CURRENT E9-E7 (b)	CURRENT E6-E1 (c)	CURRENT TOTAL (d)	PROJECTED OFFICER (e)	PROJECTED E9-E7 (f)	PROJECTED E6-E1 (g)	PROJECTED TOTAL (h)
6. TOTAL PERSONNEL STRENGTH	684	600	8998	10282	847	695	10426	11968
7. PERMANENT PARTY PERSONNEL	674	508	5970	7152	762	603	7374	8739
8. GROSS FAMILY HOUSING REQUIREMENTS	506	475	2372	3353	619	566	2930	4115
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	58	62	452	572				
a. INVOLUNTARILY SEPARATED	37	6	10	53				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED	0	0	5	5				
c. UNACCEPTABLY HOUSED IN COMMUNITY	21	56	437	514				
10. VOLUNTARY SEPARATIONS	1	1	12	14	1	1	17	19
11. EFFECTIVE HOUSING REQUIREMENTS	505	474	2360	3339	618	565	2913	4096
12. HOUSING ASSETS (a+b)	474	443	2035	2952	587	521	2424	3532
a. UNDER MILITARY CONTROL	169	131	1193	1493	169	131	1325	1625
(1) Housed in Existing DOD Owned/Controlled	168	127	1138	1433	169	131	1193	1493
(2) Under Contract/Approved					0	0	132	132
(3) Vacant	1	4	55	60				
(4) Inactive	0	0	0	0				
b. PRIVATE HOUSING	305	312	842	1459	418	390	1099	1907
(1) Acceptably Housed	279	285	770	1334				
(2) Vacant Rental Housing	26	27	72	125				
13. EFFECTIVE HOUSING DEFICIT (11-12)	31	31	325	387	31	44	489	564
14. PROPOSED PROJECT					0	0	79	79

15. REMARKS

Line 14: The 79 unit project satisfies 14.0% of the deficit and is well within the programming limit established by OSD guidance of September 1993 (90% of effective housing deficit).

Line 14. Project composition is as follows:

79 Enlisted units	62	2-bedroom JEM
	11	3-bedroom JEM
	6	4-bedroom JEM
	79	Total units

DD Form 1523, NOV 90

VERS: EFDMOD2

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION MARINE CORPS BASE HAWAII, KANEOHE BAY, HI	4. COMMAND COMMANDANT OF THE MARINE CORPS	5. AREA CONST. 1.52

6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 06/30/99	74	519	522	29	50	0	806	5,577	1,564	9,141
b. END FY 2006	67	546	545	16	52	0	1,719	8,831	2,251	14,027

7. INVENTORY DATA ($000)

a. TOTAL ACREAS ..... (34,110 Acres)	
b. INVENTORY TOTAL AS OF ..... 30 Sep 99	259,619
c. AUTHORIZATION NOT YET IN INVENTORY	55,646
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.....	21,910
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	28,425
f. PLANNED IN NEXT THREE PROGRAM YEARS	178,663
g. REMAINING DEFICIENCY	493,661
h. GRAND TOTAL	1,037,924

8.PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
711	Family Housing	84	21,910	Turnkey	

9. Future Projects:

a. Included in following program — 131 Replacement Homes
b. Major planned next three years — 738 Replacement Homes
c. Family housing revitalization backlog (replacement, improvements, major repairs) — $456M

10. Mission or Major Functions: Maintain and operate facilities and provide services and material to support operations of a Marine Brigade, or units thereof, and other activities and units designated by the Commandant of the Marine Corps. To provide aviation support for headquarters, Fleet Marine Force Pacific.

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
MARINE CORPS		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MARINE CORPS BASE HAWAII KANEOHE BAY, HI.	FAMILY HOUSING REPLACEMENT FY 65 HOUSING PHASE 4 AND FY 63 HOUSING PHASE 1

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	711	H-570	$21,910

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
Family Housing	FA	84	149,464	12555
Buildings (Metric)	SM	9476	1324.93	(12555)
Buildings (English)	SF	102,000	123.09	(12555)
Supporting Costs				8018
Paving & Site Improvements				(2464)
Utilities				(2519)
Landscaping				(653)
Recreation				(452)
Spec Construction Features				(305)
Demolition				(1625)
Subtotal				20573
Contingency (0%)				0
Total Contract Cost				20573
Supervision, Inspection, & Overhead (6.5%)				1337
Total				21910
Total (Rounded)				$21,910

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Multi-family housing units; wood frame or masonry with stucco or vinyl siding, covered parking, covered patios, privacy fencing, exterior storage and recreational facilities. Fire sprinkler system included in unit price. Special construction feature exits for hurricane wind bracing. Special construction feature exists for seismic bracing. Demolition includes removal of asbestos, lead-based paint and PCBs.

Grade	Bedroom	Net Area	Project Factor	Unit Cost	No. Units	($000) Total
JEM	3	111.484	1.5194	872	76	11,226
JEM	4	125.419	1.5194	872	8	1,329
					84	12,555

11. REQUIREMENT:

PROJECT: This project replaces 84 homes for junior enlisted families attached to Marine Corps Base Hawaii.

1. COMPONENT MARINE CORPS	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION MARINE CORPS BASE HAWAII KANEOHE BAY, HI.		
4. PROJECT TITLE FAMILY HOUSING REPLACEMENT FY 65 HOUSING PHASE 4 AND FY 63 HOUSING PHASE 1		5. PROJECT NUMBER H-570

REQUIREMENT: Adequate family housing is needed for married personnel and their families. This project includes community recreational facilities, and expanded common open spaces reflecting the Marine Corps quality of life concepts. Recreational facilities include tot lots, jogging paths, and playing courts/fields in accordance with MIL-HDBK-1035. This is the fourth phase of four to replace 230 junior non-commissioned homes in FY 65 Housing and phase one of two to replace 142 FY 63 housing units located at Kaneohe Bay. The economic analysis indicates that replacement is the most economically viable alternative.

CURRENT SITUATION: Living space in the existing units does not meet acceptable standards of comfort and habitability. These units were constructed in 1964 and 1966. These quarters have experienced accelerated deterioration due to their close proximity to the ocean. Large sections of roofing materials are loose or missing. Corrosive sea sprays have deteriorated existing exterior CMU block walls. Existing structural bond beams and foundation walls are cracked and spalled, leaving exposed steel reinforcing to deteriorate rapidly. Existing concrete slabs on grade as well as sidewalks and patio slabs have cracked due to earth movement. Concrete curbs, which support all interior and exterior walls, are crumbling from uncoated metal reinforcing rods. The units have only 80 percent of the allowable net square footage. The kitchen and bathroom fixtures and facilities are deteriorated and require replacement. Carport CMU columns have cracked, and structural metal connectors have deteriorated due to corrosive sea sprays. Existing electrical and plumbing systems are outdated and failing. Electrical service does not meet National Electric Code standards. Sewer lines are old and deteriorated and require replacement. On street parking is overcrowded and streets are limited to one-way traffic.

IMPACT IF NOT PROVIDED: Maintenance and utility costs will continue to increase. Loss of weather tightness will lead to deterioration of interior components and accelerated failure of the facility. Lead-based paint, asbestos containing materials and PCBs will continue to pose a potential health hazard to residents. Military members will be forced to choose between involuntary separations from their families, or accepting housing that is unsuitable. Either choice will likely lead to poor morale and dissatisfaction with the Marine Corps. Retention of quality personnel will be adversely impacted.

Project design conforms to Part II of Military Handbook 1190, "Facilities Planning and Design Guide."

Dave Buffum
(808) 257-4005

MILITARY FAMILY HOUSING JUSTIFICATION	1. DATE OF REPORT (YYMMDD) 970530	2. FISCAL YEAR 2001	REPORT CONTROL SYMBOL DD-A&L(AR)1716
3. DOD COMPONENT NAVY	4. REPORTING INSTALLATION a. NAME Marine Corps Base, Hawaii	b. LOCATION HAWAII	
5. DATA AS OF Jan 99			

ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT OFFICER (a)	CURRENT E9-E7 (b)	CURRENT E6-E1 (c)	CURRENT TOTAL (d)	PROJECTED OFFICER (e)	PROJECTED E9-E7 (f)	PROJECTED E6-E1 (g)	PROJECTED TOTAL (h)
6. TOTAL PERSONNEL STRENGTH	909	1045	5101	7055	1802	1604	7825	11231
7. PERMANENT PARTY PERSONNEL	743	1024	5019	6786	1478	1583	7707	10768
8. GROSS FAMILY HOUSING REQUIREMENTS	576	942	1927	3445	1146	1456	2959	5561
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	52	235	207	494				
a. INVOLUNTARILY SEPARATED	0	1	7	8				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED	0	0	184	184				
c. UNACCEPTABLY HOUSED IN COMMUNITY	52	234	16	302				
10. VOLUNTARY SEPARATIONS	25	69	171	265	50	107	263	420
11. EFFECTIVE HOUSING REQUIREMENTS	551	873	1756	3180	1096	1349	2696	5141
12. HOUSING ASSETS (a+b)	543	682	1612	2837	973	957	2127	4057
a. UNDER MILITARY CONTROL	378	362	1355	2095	378	362	1746	2486
(1) Housed in Existing DOD Owned/Controlled	352	342	1297	1991	378	362	1355	2095
(2) Under Contract/Approved					0	0	391	391
(3) Vacant	26	20	58	104				
(4) Inactive	0	0	0	0				
b. PRIVATE HOUSING	165	320	257	742	595	595	381	1571
(1) Acceptably Housed	147	296	252	695				
(2) Vacant Rental Housing	18	24	5	47				
13. EFFECTIVE HOUSING DEFICIT (11-12)	8	191	144	343	123	392	569	1084
14. PROPOSED PROJECT					0	0	84	84

15. REMARKS

Line 12.a(2): Includes 237 new units currently under construction (FY 93 appropriation), 54 replacement units currently under construction (FY 97 appropriation), and 100 replacement units approved by Congress in FY 2000.

Lines 12.a(1) & 12.a(2): Includes Army owned and managed units at Aliamanu with Marine Corps assignment rights.

Line 12.b(2): Includes members living in Section 802 lease housing.

Line 14: The 84 unit project satisfies 7.4% of the deficit and is well within the programming limit established by OSD guidance of September 1993 (90% of effective housing deficit).

Line 14. Project composition is as follows:

84 Enlisted units	76	3-bedroom JEM
	8	4-bedroom JEM
	84	Total units

DD Form 1523, NOV 90 VERS: EFDMOD2

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION COMMANDER NAVAL BASE PEARL HARBOR, HI	4. COMMAND	5. AREA CONSTR. 1.47

6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 31 JAN 99	2100	14067	8040	0	0	0	441	303	0	24951
b. END FY 2004	1880	13505	7885	0	0	0	270	457	0	23997

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE.....27,221 Acres.....	
b. INVENTORY TOTAL AS OF.....30 Sep 99.....	676,690
c. AUTHORIZATION NOT YET IN INVENTORY.....	223,604
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.....	60,121
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....	31,685
f. PLANNED IN NEXT THREE PROGRAM YEARS.....	221,903
g. REMAINING DEFICIENCY.....	0
h. GRAND TOTAL.....	**1,214,003**

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
711	Family Housing	98	22,230	Turnkey	
711	Family Housing	62	14,237	Turnkey	
711	Family Housing	112	23,654	Turnkey	

9. Future Project:

a.	Included in following program	140 Replacement Homes
b.	Major planned next three years	1,407 New/Replacement Homes
c.	Family Housing revitalization backlog (replacement, improvements, major repairs)	$1.1B

10. Mission or Major Functions: Maintain and operate shore facilities for training and experimental operations of the submarine forces; provide logistic support to submarines. Services the Commander, Submarine Forces, US Pacific Fleet, two submarine attack squadrons, the Submarine Training Center, and the Submarine Intermediate Maintenance Activity.

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
COMNAVBASE PEARL HARBOR, HI	Family Housing Replacement Hale Moku (Phase IV of V)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
	711		AUTH: $22,230 APPR: $22,230

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
Family Housing:	FA	98	148,622	14,565
Buildings	GSM	13,548	1,075	(14565)
Supporting Costs:				6,308
Lot Costs				(556)
Site Improvements				(824)
Utility Mains				(2,170)
Streets				(547)
Landscaping				(356)
Recreation				(167)
Environmental				(656)
Demolition				(913)
Other Site Work				(119)
Land Purchase				(0)
Subtotal				20,873
Contingency (0%)				0
Total Contract Cost				20,873
SIOH (6.5%)				1,357
Total				22,230

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Multi-family housing units; wood or metal frame, or masonry with stucco or vinyl siding, covered parking, covered patios, privacy fencing, exterior storage and recreational facilities. Fire sprinkler system included in unit price. Demolition includes removal of asbestos. (13,548 GSM/$1,075 per GSM = 145,824 GSF/$100 per GSF)

Grade	Bedrooms	Net Area	Gross Area	Project Factor	Cost Per GSM	No. Units	($000) Total
JEM	3	111	138	1.5288	703	98	14565
						98	14,565

11. REQUIREMENT

PROJECT: This project replaces 98 homes for junior enlisted families associated with NB Pearl Harbor. (Current Mission)

REQUIREMENT: This is the fourth of five phases to replace 556 severely deteriorated homes in the Hale Moku housing area. The economic analysis recommends replacement as the proposed course of action as it corrects current deficiencies and provides modernized, energy efficient homes. This project includes recreational facilities and open space.

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE

3. INSTALLATION AND LOCATION
COMNAVBASE
PEARL HARBOR, HI

4. PROJECT TITLE	5. PROGRAM ELEMENT
Family Housing Replacement Hale Moku (Phase IV of V)	

CURRENT SITUATION: Hale Moku was constructed in 1941. Termite damage in this housing area is so extensive that the structural integrity of some of the homes is in jeopardy. The exteriors of these homes have asbestos siding, and the interiors contain lead-based paint. No major renovation work has been performed on the Hale Moku housing rea. The homes are outdated and do not meet acceptable standards of comfort and habitability. Electrical wiring is deteriorated and no longer meets code.

IMPACT IF NOT PROVIDED: Excessive maintenance and repairs will be required to keep the homes in a safe, habitable condition until future programming efforts are successful. Military members will be forced to choose between involuntary separations from their families, or accepting housing that is unsuitable. Either choice will likely lead to poor morale and dissatisfaction with the Navy. Retention of quality personnel will be adversely impacted.

Project design conforms to Part II of Military Handbook 1190, "Facilities Planning and Design Guide".

Necessary coordination with the school district is in progress.

LCDR David Georges
(808)474-1141/1126

MILITARY FAMILY HOUSING JUSTIFICATION	1. DATE OF REPORT (YYMMDD) 990914	2. FISCAL YEAR 2001	REPORT CONTROL SYMBOL DD-A&L(AR)1716
3. DOD COMPONENT NAVY	4. REPORTING INSTALLATION a. NAME PA Naval Complex Oahu,	b. LOCATION Hawaii	
5. DATA AS OF SEP 99			

ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT OFFICER (a)	CURRENT E9-E7 (b)	CURRENT E6-E1 (c)	CURRENT TOTAL (d)	PROJECTED OFFICER (e)	PROJECTED E9-E7 (f)	PROJECTED E6-E1 (g)	PROJECTED TOTAL (h)
6. TOTAL PERSONNEL STRENGTH	2403	1853	12655	16911	2150	1781	12181	16112
7. PERMANENT PARTY PERSONNEL	2100	1750	12317	16167	1880	1693	11812	15385
8. GROSS FAMILY HOUSING REQUIREMENTS	1434	1566	6629	9629	1415	1552	7180	10147
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	53	47	994	1094				
a. INVOLUNTARILY SEPARATED	0	0	2	2				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED	3	0	498	501				
c. UNACCEPTABLY HOUSED IN COMMUNITY	50	47	494	591				
10. VOLUNTARY SEPARATIONS	39	95	407	537	34	94	444	572
11. EFFECTIVE HOUSING REQUIREMENTS	1399	1471	6222	9092	1381	1458	6736	9575
12. HOUSING ASSETS (a+b)	1399	1471	6212	9082	1090	1355	6171	8616
a. UNDER MILITARY CONTROL	932	1058	4384	6374	630	946	4213	5789
(1) Housed in Existing DOD Owned/Controlled	889	1019	3396	5304	627	946	3052	4625
(2) Under Contract/Approved					3	0	1161	1164
(3) Vacant	34	17	393	444				
(4) Inactive	9	22	595	626				
b. PRIVATE HOUSING	467	413	1828	2708	460	409	1958	2827
(1) Acceptably Housed	457	405	1781	2643				
(2) Vacant Rental Housing	10	8	47	65				
13. EFFECTIVE HOUSING DEFICIT (11-12)	0	0	10	10	291	103	565	959
14. PROPOSED PROJECT					0	0	272	272

15. REMARKS

Block 4. COMNAVBASE Pearl Harbor directs and coordinates support to the Pacific Fleet through numerous shore activities established within their area of responsibility.

Projected lines 6, 7, 8 & 11 reflect 537 Navy families associated with UICs assigned to Kaneohe Marine Corps base who are expected to continue to be housed in Navy Housing.

Line 9.b. + 12.a.(1) = total homes currently occupied (501+5304=5805) .

Line 9.b. Includes 501 occupied units at Hale Moku (96) & (98), Pearl City (133 and 62) and Radford Terrace (112).

Line 12.a.(1). Current reflects 593 units divested though GSA disposal process. Projected reflects divestiture plan of 1,149 units that are in poor condition and beyond their useful life or are located outside the commute zone.

Line 12.a.(2). Includes: remaining Moanalua Terrace Phases - FY96 (252 homes), FY97 (264 homes), Pearl City (197 homes) , Hale Moku FY98 (72 homes) , FY99 (150 homes), FY00 projects at Hale Moku (96 homes) and Pearl City (133 homes).

Line 14. Reflects FY01 replacement units at Hale Moku IV (98), Pearl City V (62) and Radford Terrace (112). Project composition is as follows:

272 Replacement homes — 234 3-Bedroom JEM; 38 4-Bedroom JEM

272 Total Homes

DD Form 1523, NOV 90 VERS: EFDMOD2

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
COMNAVBASE PEARL HARBOR, HI	Family Housing Replacement Pearl City Peninsula

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
	711	H-597	AUTH: $14,237 APPR: $14,237

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
Family Housing:	FA	62	150,419	9,326
Buildings	GSM	8,675	1,075	(9326)
Supporting Costs:				4,042
Lot Costs				(355)
Site Improvements				(528)
Utility Mains				(1,394)
Streets				(351)
Landscaping				(227)
Recreation				(108)
Environmental				(420)
Demolition				(586)
Other Site Work				(73)
Land Purchase				(0)
Subtotal				13,368
Contingency (0%)				0
Total Contract Cost				13,368
SIOH (6.5%)				869
Total				14,237

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Multi-family housing units; wood or metal frame, or masonry with stucco or vinyl siding, covered parking, covered patios, privacy fencing, exterior storage and recreational facilities. Fire sprinkler system included in unit price. Demolition includes removal of asbestos. (8,675 GSM/$1,075 per GSM = 93,372 GSF/$100 per GSF)

Grade	Bedrooms	Net Area	Gross Area	Project Factor	Cost Per GSM	No. Units	($000) Total
JEM	3	111	138	1.5288	703	56	8323
JEM	4	125	156	1.5288	703	6	1003
						62	9,326

11. REQUIREMENT

PROJECT: This project replaces 62 homes for junior enlisted families associated with NB Pearl Harbor. (Current Mission)

REQUIREMENT: This project is part of a phased plan to replace 563 severely deteriorated homes in the Pearl City Peninsula housing area. The economic analysis recommends replacement as the proposed course of action as it corrects current deficiencies and provides modern, energy efficient homes. This project includes recreational facilities and open space.

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE

3. INSTALLATION AND LOCATION
COMNAVBASE
PEARL HARBOR, HI

4. PROJECT TITLE	5. PROGRAM ELEMENT
Family Housing Replacement Pearl City Peninsula	

CURRENT SITUATION: Pearl City Peninsula homes were constructed between 1944 and 1966. Existing units lack masonry structural reinforcement. Tree roots are uprooting and damaging foundations, sidewalks, streets, and pavements. No major renovation work has been performed on the Pearl City housing area. The homes are outdated and do not meet acceptable standards of comfort and habitability. Electrical wiring is deteriorated and no longer meets code.

IMPACT IF NOT PROVIDED: Excessive maintenance and repairs will be required to keep the homes in a safe, habitable condition until future programming efforts are successful. Military members will be forced to choose between involuntary separations from their families, or accepting housing that is unsuitable. Either choice will likely lead to poor morale and dissatisfaction with the Navy. Retention of quality personnel will be adversely impacted.

Project design conforms to Part II of Military Handbook 1190, "Facilities Planning and Design Guide".

Necessary coordination with the school district is in progress.

LCDR David Georges
(808)474-1141/1126

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
COMNAVBASE PEARL HARBOR, HI	Pearl Harbor Replacement Radford Terrace (Phae I of III)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
	711	H-591	AUTH: $23,654 APPR: $23,654

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
Family Housing:	FA	112	148,009	16,577
Buildings	GSM	16,036	1,034	(16577)
Supporting Costs:				5,633
Lot Costs				(534)
Site Improvements				(793)
Utility Mains				(1,652)
Streets				(527)
Landscaping				(342)
Recreation				(161)
Environmental				(631)
Demolition				(879)
Other Site Work				(114)
Land Purchase				(0)
Subtotal				22,210
Contingency (0%)				0
Total Contract Cost				22,210
SIOH (6.5%)				1,444
Total				23,654

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Multi-family housing units; wood or metal frame, or masonry with stucco or vinyl siding, covered parking, covered patios, privacy fencing, exterior storage and recreational facilities. Fire sprinkler system included in unit price. Demolition includes removal of asbestos. (16,036 GSM/$1,034 per GSM = 172,608 GSF/$96 per GSF).

Grade	Bedrooms	Net Area	Gross Area	Project Factor	Cost Per GSM	No. Units	($000) Total
JEM	3	111	138	1.47	703	80	11432
JEM	4	125	156	1.47	703	32	5145
						112	16,577

11. REQUIREMENT

PROJECT: This project constructs 112 junior enlisted homes for families attached to CNB Pearl Harbor. (Current Mission)

REQUIREMENT: This project is the first of three phases to replace 428 homes. Adequate family housing is needed for married personnel and their families. This project includes community recreational facility, and common open spaces. Recreational facilities include tot lots, jogging paths, and playing courts/fields in accordance with NAVFACINST 11101.85H.

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE

3. INSTALLATION AND LOCATION
COMNAVBASE
PEARL HARBOR, HI

4. PROJECT TITLE	5. PROGRAM ELEMENT
Pearl Harbor Replacement Radford Terrace (Phae I of III)	

CURRENT SITUATION: The Radford Terrace housing area consists of 428 family housing units built in 1954. The existing buildings are unsightly and monolithic in appearance. The existing slope of the overhang is inadequate for drainage, resulting in standing or ponding water along side the wall line. The living, bath, kitchen, dining, and bedroom areas require extensive repairs and reconfiguration. Utility/plumbing systems need complete replacement. Tree roots are jeopardizing structural soundness of foundations walls. Adequate parking for residents and guests is lacking. Washing machines are currently located in the kitchen while dryer is placed outside. Units lack interior and exterior storage. Neighborhood lacks pedestrian circulation system, uniform landscaping, picnic and recreational facilities.

IMPACT IF NOT PROVIDED: Military members will be forced to choose between involuntary separations from their families, or accepting housing that is unsuitable. Either choice will likely lead to poor morale and dissatisfaction with the Navy. Retention of quality personnel will be adversely impacted.

Project design conforms to Part II of Military Handbook 1190, "Facilities Planning and Design Guide".

Necessary coordination with the school district is in progress.

LCDR David Georges
(808)474-1141/1126

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION NAVAL AIR STATION BRUNSWICK, ME	4. COMMAND	5. AREA CONSTR. .95

6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 31 JAN 99	410	2659	590	0	0	0	79	120	0	3858
b. END FY 2004	450	2933	539	0	0	0	94	335	0	4351

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE.....15,908 Acres.....	
b. INVENTORY TOTAL AS OF.....30 Sep 99.....	122,879
c. AUTHORIZATION NOT YET IN INVENTORY.....	10,925
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.....	18,872
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....	0
f. PLANNED IN NEXT THREE PROGRAM YEARS.....	0
g. REMAINING DEFICIENCY.....	30,690
h. **GRAND TOTAL**.....	**183,366**

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
711	Family Housing	168	18,722	Turnkey	

9. Future Project:

a.	Included in following program	0
b.	Major planned next three years	0
c.	Family Housing revitalization backlog (replacement, improvements, major repairs)	$39M

10. Mission or Major Functions: Maintain and operate facilities and provide services and material support for the six P-3 land-based, anti-submarine warfare squadrons homeported. These Atlantic Fleet ASW Squadrons conduct operational and training flights from Brunswick, and rotationally deploy to bases in the Atlantic Ocean and Mediterranean.

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AIR STATION BRUNSWICK, ME	Family Housing Replacement Brunswick Gardens (Phase II of II)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
	711	H-535	AUTH: $18,722 APPR: $18,722

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
Family Housing:	FA	168	76,232	12,807
Buildings	GSM	19,665	651	(12807)
Supporting Costs:				4,855
Lot Costs				(480)
Site Improvements				(728)
Utility Mains				(2,007)
Streets				(483)
Landscaping				(315)
Recreation				(148)
Environmental				(579)
Demolition				(0)
Other Site Work				(105)
Land Purchase				(0)
Subtotal				17,662
Contingency (0%)				0
Total Contract Cost				17,662
SIOH (6%)				1,060
Total				18,722

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Multi-family housing units; wood or metal frame, or masonry with stucco or vinyl siding, covered parking, covered patios, privacy fencing, exterior storage and recreational facilities. Fire sprinkler system included in unit price. (19,665 GSM/$651 per GSM = 211,668/$61 per GSF)

Grade	Bedrooms	Net Area	Gross Area	Project Factor	Cost Per GSM	No. Units	($000) Total
JEM	2	88	109	.95	685	136	9693
JEM	3	111	138	.95	685	14	1260
JEM	4	125	156	.95	685	16	1621
SEM	5	144	179	.95	685	2	233
						168	12,807

11. REQUIREMENT

PROJECT: This project replaces 152 existing homes and builds 16 new homes for enlisted families attached to NAS Brunswick. (Current Mission)

REQUIREMENT: This project is the 2nd and final phase to replace Brunswick Gardens. Adequate family housing is needed for married personnel and their families. This project includes community recreational facility, and common open spaces. Recreational facilities include tot lots, jogging paths, and

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE

3. INSTALLATION AND LOCATION
NAVAL AIR STATION
BRUNSWICK, ME

4. PROJECT TITLE	5. PROGRAM ELEMENT
Family Housing Replacement Brunswick Gardens (Phase II of II)	

playing courts/fields. The economic analysis recommends replacement as the proposed course of action as it corrects current deficiencies and provides modernized, energy efficient homes.

CURRENT SITUATION: Brunswick Gardens is old Wherry-type construction built in 1950. Major deficiencies include inadequate living and storage space, lack of modern kitchens and bathrooms, utility/electrical/plumbing systems which have reached the end of their useful lives, general deterioration of the units, poor street lighting and layouts which prohibit effective snow removal. The existing site was too dense with most units having little or no yard space.

IMPACT IF NOT PROVIDED: Military members will be forced to choose between involuntary separations from their families, or accepting housing that is unsuitable. Either choice will likely lead to poor morale and dissatisfaction with the Navy. Retention of quality personnel will be adversely impacted.

Project design conforms to Part II of Military Handbook 1190, "Facilities Planning and Design Guide".

Necessary coordination with the school district is in progress.

LT Alan Ballard
(207)921-2661

MILITARY FAMILY HOUSING JUSTIFICATION	1. PRINT DATE OF REPORT (YYMMDD) 000208	2. FISCAL YEAR 2001	REPORT CONTROL SYMBOL DD-AAL(AR)1716

3. DOD COMPONENT	4. REPORTING INSTALLATION	
NAVY	a. NAME AG	b. LOCATION
5. DATA AS OF MAR 99	BRUNSWICK ME NAS	MAINE

ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT (end FY98)				PROJECTED (to 2004)			
	Officer (a)	E9-E7 (b)	E6-E1 (c)	Total (d)	Officer (e)	E9-E7 (f)	E6-E1 (g)	Total (h)
6. TOTAL PERSONNEL STRENGTH	489	350	2429	3268	544	419	2849	3812
7. PERMANENT PARTY PERSONNEL	410	338	2321	3069	450	374	2559	3383
8. GROSS FAMILY HOUSING REQUIREMENTS	332	314	1469	2115	366	350	1667	2383
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	7	8	454	469				
a. INVOLUNTARILY SEPARATED	0	0	0	0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED	0	0	219	219				
c. UNACCEPTABLY HOUSED IN COMMUNITY	7	8	235	250				
10. VOLUNTARY SEPARATIONS	12	15	89	116	13	17	101	131
11. EFFECTIVE HOUSING REQUIREMENTS	320	299	1380	1999	353	333	1566	2252
12. ADEQUATE ASSETS (a+b)	318	294	969	1581	337	313	1128	1778
a. UNDER MILITARY CONTROL	130	124	283	537	129	124	349	602
(1) Housed in Existing DOD Owned/Controlled	130	123	263	516	129	124	277	530
(2) Under Contract/Approved					0	0	72	72
(3) Vacant	0	1	20	21				
(4) Inactive	0	0	0	0				
b. PRIVATE HOUSING	188	170	686	1044	208	189	779	1176
(1) Acceptably Housed	183	168	663	1014				
(2) Vacant Rental Housing	5	2	23	30				
13. EFFECTIVE HOUSING DEFICIT (11-12)	2	5	411	418	16	20	438	474
14. PROPOSED PROJECT					0	2	166	168

15. REMARKS

Line 9.b. Includes 219 of 224 Brunswick Gardens homes approved for demolition as part of the 72-home (Phase 1) replacement project approved in FY 1997. The remaining 5 homes are vacant.

Line 12.a(1). Projections reflect planned excessing of 2 homes located at a remote housing site.

Line 12a(2). Reflects the FY 1997 Phase 1 72-home replacement project.

Line 14. This project is the second and final phase to replace 224 Brunswick Gardens homes. Phase 2 replaces 152 existing homes and provides 16 additional new homes. Project composition is as follows:

168 homes	136	2 bedroom JEM
	14	3 bedroom JEM
	16	4 bedroom JEM
	2	5 bedroom SEM
	168	Total homes

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR.
NAVAL AIR STATION WHIDBEY ISLAND, WA		1.15

6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 31 JAN 99	1098	6235	620	0	0	0	109	193	0	8255
b. END FY 2004	1208	6616	840	0	0	0	109	193	0	8966

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE.....71,470 Acres.....	
b. INVENTORY TOTAL AS OF.....30 Sep 99.....	393,715
c. AUTHORIZATION NOT YET IN INVENTORY.....	16,000
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.....	16,873
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....	0
f. PLANNED IN NEXT THREE PROGRAM YEARS.....	0
g. REMAINING DEFICIENCY.....	50,275
h. **GRAND TOTAL**.....	**476,863**

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
711	Family Housing	98	16,873	Turnkey	

9. Future Project:

a.	Included in following program	0
b.	Major planned next three years	0
c.	Family Housing revitalization backlog (replacement, improvements, major repairs)	$70M

10. Mission or Major Functions: Maintain and operate facilities and provide services and material support operations of aviation activities of the Pacific Fleet. Homeport for Pacific Fleet medium attach jet aircraft and all electronic countermeasures aircraft serving both the Atlantic and Pacific Fleets.

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AIR STATION WHIDBEY ISLAND, WA	Family Housing Replacement Victory Homes (Phase II of II)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
	711	H-424	AUTH: $16,873 APPR: $16,873

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
Family Housing:	FA	98	113,337	11,107
Buildings	GSM	13,548	820	(11107)
Supporting Costs:				4,811
Lot Costs				(423)
Site Improvements				(629)
Utility Mains				(1,655)
Streets				(418)
Landscaping				(272)
Recreation				(127)
Environmental				(500)
Demolition				(696)
Other Site Work				(91)
Land Purchase				(0)
Subtotal				15,918
Contingency (0%)				0
Total Contract Cost				15,918
SIOH (6%)				955
Total				16,873

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Multi-family housing units; wood or metal frame, or masonry with stucco or vinyl siding, covered parking, covered patios, privacy fencing, exterior storage and recreational facilities. Fire sprinkler system included in unit price.in unit price. Demolition includes removal of asbestos. (13,548 GSM/ $820 per GSM = 145,824 GSF/$76 GSF)

Grade	Bedrooms	Net Area	Gross Area	Project Factor	Cost Per GSM	No. Units	($000) Total
JEM	3	111	138	1.196	685	98	11107
						98	11,107

11. REQUIREMENT

PROJECT: This project replaces 96 existing substandard units and builds 2 new junior enlisted homes at Naval Air Station Whidbey Island. (Current Mission)

REQUIREMENT: This project is the 2nd and final phase of replacement construction for Victory Homes. Adequate family housing is needed for married personnel and their families. This project includes community recreational facility, and common open spaces. Recreational facilities include tot lots, jogging paths, and playing courts/fields. The economic analysis recommends replacement as the proposed course of action as it corrects current deficiencies and provides modernized, energy efficient homes.

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE

3. INSTALLATION AND LOCATION
NAVAL AIR STATION
WHIDBEY ISLAND, WA

4. PROJECT TITLE	5. PROGRAM ELEMENT
Family Housing Replacement Victory Homes (Phase II of II)	

CURRENT SITUATION: The Oak Harbor area has been operating with less than a 3% vacancy rate in affordable housing to support our Navy families. The housing to be replaced, Victory Homes, is located at the Seaplane Base. Units are multiplex, woodframe with asbestos siding, built in 1942. The interiors were last revitalized in 1980. There are seven floor plans with square footage ranging from 546 to 682 square feet. The units are considered substandard due to their small size. Major systems such as roofing, electrical, plumbing, heating, and foundations are failing. The units are outdated and do not meet acceptable standards of comfort and habitability.

IMPACT IF NOT PROVIDED: Military members will be forced to choose between involuntary separations from their families, or accepting housing that is unsuitable. Either choice will likely lead to poor morale and dissatisfaction with the Navy. Retention of quality personnel will be adversely impacted.

Project design conforms to Part II of Military Handbook 1190, "Facilities Planning and Design Guide".

Necessary coordination with the school district is in progress.

CDR Robert Parker
(425)257-3348

MILITARY FAMILY HOUSING JUSTIFICATION	1. PRINT DATE OF REPORT (YYMMDD) 000208	2. FISCAL YEAR 2001	REPORT CONTROL SYMBOL DD-A&L(AR)1715
3. DOD COMPONENT NAVY	4. REPORTING INSTALLATION		
	a. NAME OQ		b. LOCATION
5. DATA AS OF MAR 99	WHIDBEY ISLAND WA NAS		WASHINGTON

ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT (end FY98)				PROJECTED (to 2004)			
	Officer (a)	E9-E7 (b)	E6-E1 (c)	Total (d)	Officer (e)	E9-E7 (f)	E6-E1 (g)	Total (h)
6. TOTAL PERSONNEL STRENGTH	1207	601	5827	7635	1317	634	6175	8126
7. PERMANENT PARTY PERSONNEL	1098	584	5651	7333	1208	617	5999	7824
8. GROSS FAMILY HOUSING REQUIREMENTS	783	542	3382	4707	887	573	3610	5070
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	31	39	586	656				
a. INVOLUNTARILY SEPARATED	0	2	1	3				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED	0	0	183	183				
c. UNACCEPTABLY HOUSED IN COMMUNITY	31	37	402	470				
10. VOLUNTARY SEPARATIONS	20	22	141	183	22	23	150	195
11. EFFECTIVE HOUSING REQUIREMENTS	763	520	3241	4524	865	550	3460	4875
12. ADEQUATE ASSETS (a+b)	755	496	2945	4196	841	513	3098	4452
a. UNDER MILITARY CONTROL	134	77	1196	1407	134	77	1243	1454
(1) Housed in Existing DOD Owned/Controlled	131	74	1005	1210	134	77	1141	1352
(2) Under Contract/Approved					0	0	102	102
(3) Vacant	3	3	191	197				
(4) Inactive	0	0	0	0				
b. PRIVATE HOUSING	621	419	1749	2789	707	436	1855	2998
(1) Acceptably Housed	601	407	1650	2658				
(2) Vacant Rental Housing	20	12	99	131				
13. EFFECTIVE HOUSING DEFICIT (11-12)	8	24	296	328	24	37	362	423
14. PROPOSED PROJECT					0	0	98	98

15. REMARKS

Line 9.b. Includes 183 of 198 substandard Victory Homes approved for demolition as part of the 102-homes (Phase 1) replacement project approved in FY 1998. The remaining 15 substandard homes are vacant.

Line 12.a(1). Projections exclude 40 short-term domestic leases.

Line 12.a.(2). Reflects the FY 1998 102-home replacement project.

Line 12.b. Reflects April 1998 Market Analysis data as adjusted using Navfac Methodology.

Line 14. This project is the second and final phase to replace 196 substandard Victory Homes. Phase 2 replaces 98 existing homes and provides 2 new homes. The project composition is as follows:

98 homes 98 3 bedroom JEM

98 Total homes

DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 2001 BUDGET ESTIMATE
CONSTRUCTION IMPROVEMENTS

(In Thousands)

FY 2001 Program $183,547
FY 2000 Program $187,706

Purpose and Scope

This program provides for improvements and/or major repairs to revitalize Department of the Navy (DON) family housing and the supporting neighborhood site and facilities. This program is the primary vehicle for the DON to ensure that our aging inventory of homes are kept suitable for occupancy; as such, this program has a major role in maintaining a high quality of life for DON families. This program funds projects which will increase the useful life and livability of homes and neighborhoods, bring them up to Department of Defense standards, and make them more energy efficient and less costly to maintain.

Program Summary

Authorization of $183,547,000 ($155,081,000 for the Navy and $28,466,000 for the Marine Corps) is requested for:

(1) Various improvements and/or major repairs to revitalized existing family housing; and

(2) Appropriation of $183,547,000 ($155,081,000 for the Navy and $28,466,000 for the Marine Corps) to fund these revitalization projects.

(3) We are continuing our emphasis on revitalization through whole-house projects, which will accomplish all required improvements and repairs at one time. This program also includes repair projects considered to be a major investment.

(4) A separate DD 1391 is attached for all projects exceeding $50,000 per unit as adjusted by the area cost factor.

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS INSIDE AND OUTSIDE UNITED STATES		4. PROJECT TITLE FAMILY HOUSING REVITALIZATION	
5. PROGRAM ELEMENT IMPROVEMENTS	6. CATEGORY CODE 711	7. PROJECT NUMBER VARIES	8. PROJECT COST ($000) Auth: $183,547 Appr: $183,547

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
FAMILY HOUSING – ALTERATIONS, ADDITIONS AND REHABILITATIONS				
AUTHORIZATION REQUEST	L/S	---	---	183,547
APPROPRIATION REQUEST				183,547

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Provides for the revitalization of family housing and neighborhood support facilities and infrastructure. Revitalization consists of alterations, additions, expansions, modernization, and major repairs. Typical work includes the revitalization of kitchens and bathrooms; upgrades and repairs to structural, electrical, and mechanical systems; repairs/replacements involving utility systems, streets and side walks, and other infrastructure; removal of hazardous materials; and enhancements to neighborhood support systems including landscaping and recreation.

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11. REQUIREMENT: Major investments to the Navy's family housing inventory are needed to achieve current DoD standards, extend the life of the homes by arresting and correcting deterioration, reduce maintenance and utility expenses, and make the homes and surrounding neighborhoods quality places to live.

IMPACT IF NOT PROVIDED: The Navy will continue to have a large segment of the family housing inventory and supporting neighborhoods which fall below Department of Defense and Navy standards for quality housing, therefore continuing a negative and adverse impact on the families who live in our homes. The Navy will miss a prime opportunity to reduce maintenance and utility costs and meet DoD standards in a more cost effective approach than replacing the existing homes and neighborhoods.

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS INSIDE AND OUTSIDE THE UNITED STATES		
4. PROJECT TITLE FAMILY HOUSING IMPROVEMENTS		5. PROJECT NUMBER

INSTALLATION/LOCATION/PROJECT DESCRIPTION	($000) CURRENT WORKING ESTIMATE
INSIDE THE UNITED STATES	
CALIFORNIA	
CNB San Diego (H-51-93-4) This project revitalizes 347 enlisted homes in Murphy Canyon. This project includes the revitalization of kitchens and baths. It includes the replacement of electrical and plumbing throughout; replacement of interior, exterior and garage doors. Provide energy efficient windows, water heaters and new heating and air conditioning systems. This project includes the abatement of asbestos in ceilings and floor tiles. Install attic and wall insulation. Repair and paint stucco. Provide sidewalks, upgrade patios and provide a cover; replace privacy fencing. Improve landscaping. Repair driveways and walks. (See separate DD Form 1391)	27,123
CONNECTICUT	
NSB New London (H-13-97-1) This project revitalizes 64 enlisted and 47 officer homes. Work includes revitalization of kitchens and baths, electrical and plumbing upgrades. Includes interior modifications to better utilize existing space. Exterior vinyl siding, new entrance vestibule, replace fuel oil heating system with natural gas. Neighborhood repairs and improvements and asbestos and lead paint abatement will also be accomplished. (See separate DD Form 1391)	10,429
NSB New London (H-12-93-3) This project revitalizes 184 enlisted homes. Work includes revitalization of kitchens and baths, electrical and plumbing upgrades. Includes interior modifications to better utilize existing space. Exterior vinyl siding, new entrance vestibule, replace fuel oil heating system with natural gas. Roofs, windows and doors will be replaced. Neighborhood repairs and improvements and asbestos and lead paint abatement will also be accomplished. (See separate DD Form 1391)	18,694

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		
3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS INSIDE AND OUTSIDE THE UNITED STATES		
4. PROJECT TITLE FAMILY HOUSING IMPROVEMENTS		5. PROJECT NUMBER

INSTALLATION/LOCATION/PROJECT DESCRIPTION	($000) CURRENT WORKING ESTIMATE
INSIDE THE UNITED STATES	
HAWAII	
CNB Pearl Harbor (H-02-01) This project revitalizes 12 officer homes in the Hale Alii neighborhood. Work includes the renovation of kitchens and baths. New floors and roofs will be accomplished. The electrical system will be upgraded. Insulated windows and window coverings will be installed. The plumbing system will be upgraded and water saving devices will be provided. Neighborhood landscaping, street lighting and playgrounds will also be added. (See separate DD Form 1391)	2,729
ILLINOIS	
PWC Great Lakes (H-1-88-10) This project revitalizes 180 enlisted homes in Forrestal Village. Work involves interior reconfigurations to enlarge the kitchen area and provide additional second floor closet space; complete renovation of kitchens and baths. Install HVAC system; reconfigure ductwork and add ceiling fans, foundation, acoustic and attic insulation; add structurally pitched roofs; replace interior doors; perform asbestos and lead-based paint abatement; relocate gas service and meters; construct garages, driveway, patios and privacy fencing; install vapor barrier underneath homes; correct drainage problem; install additional landscaping; install interconnected hardwire smoke detectors; and install sprinkler system in triplex and above buildings; upgrade electrical system and replace windows and doors. (See separate DD Form 1391)	23,293
MARYLAND	
USNA Annapolis (H-02-00) This project provides essential repairs to 7 historic units located at the Naval Academy. The work includes replacement of damaged plaster, renovation of bathrooms and kitchens, replacement of outmoded and unsafe electrical and plumbing systems, replacement of mechanical systems (Heat and AC), window replacements and abatement of asbestos and lead paint. (See separate DD Form 1391)	2,654
NAS Patuxent River (H-02-01) This project revitalizes 17 enlisted homes and includes the renovation of bathrooms and kitchens, replacement of outmoded and unsafe electrical system. Replace windows, doors and flooring. Increase closet space in bedrooms and convert closet to bath. Renovate existing patios. Includes abatement of asbestos and lead-based paint. (See separate DD Form 1391)	822

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS INSIDE AND OUTSIDE THE UNITED STATES		
4. PROJECT TITLE FAMILY HOUSING IMPROVEMENTS		5. PROJECT NUMBER

INSTALLATION/LOCATION/PROJECT DESCRIPTION	($000) CURRENT WORKING ESTIMATE
INSIDE THE UNITED STATES	
NEW JERSEY	
NAES Lakehurst (H-11-00) This project revitalizes 72 enlisted homes and includes the renovation of kitchens and baths; repair and upgrade electrical and plumbing systems. Add a one half bath and a family room to increase square footage to statutory levels. Replace patios and walkways and modify sidewalks and streets to improve vehicular and pedestrian circulation. Site work includes privacy fencing and landscaping. Selective demolition of 15 units will take place to thin density and improve the ambiance of the neighborhoods. Perform asbestos and lead-based paint abatement. (See separate DD Form 1391)	7,759
TENNESSEE	
NSA Memphis (H-2-97-2) This project revitalizes 220 enlisted and 30 officer Capehart homes. Work involves interior reconfigurations and floor plan modifications to maximize space; upgrade and replace worn out plumbing infrastructure; replace interior doors; repaint interior walls and ceiling; replace windows with energy efficient, vinyl clad windows; upgrade electrical service, replace outdated main electrical panel; provide additional electrical receptacles in kitchen; install ground fault interrupters per electrical code; replace outdated exterior lighting fixtures; install ceiling fans in bedrooms; repair garages and carports; reconfigure exterior storage space in carports and garages; improve landscaping of all entrances; improved signage; remove and replace trees; resurface streets; and replace sidewalks and all concrete surfaces. (See separate DD Form 1391)	10,892
VIRGINIA	
CNB Norfolk, Hampton Roads (H-38-97) This project revitalizes 125 enlisted homes and includes the renovation of bathrooms and kitchens and the replacement of outmoded and unsafe electrical system. Replace windows, doors, flooring and exterior siding, downspouts and gutters. Repair sanitary and plumbing systems. Enlarge front stoops into porches. Provide landscaping, fencing, playground equipment, and signage. Repair sidewalks, streets adding handicap crosswalks. Includes abatement of asbestos and lead-based paint. (See separate DD Form 1391)	9,318
CNB Norfolk, Hampton Roads (H-02-99) This project revitalizes 308 enlisted homes in Shelton and Gela Point at Hampton Roads Norfolk Little Creek Site. Improvements include renovation of kitchens and baths, replacement of siding, doors, windows, electrical, plumbing, and HVAC systems, provision of flooring, sidewalks, street lighting, signage, storage sheds, the relocation of HVAC systems to the interior of units, and the installation of a tub/shower in the master bedroom. (See separate DD Form 1391)	18,617

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS INSIDE AND OUTSIDE THE UNITED STATES		
4. PROJECT TITLE FAMILY HOUSING IMPROVEMENTS		5. PROJECT NUMBER

INSTALLATION/LOCATION/PROJECT DESCRIPTION	($000) CURRENT WORKING ESTIMATE
INSIDE THE UNITED STATES	
WASHINGTON	
NAS Whidbey Island (H-01-93) This project revitalizes 28 enlisted homes. Work includes the renovation of kitchens and baths; replacement of all windows, doors, floors, and light fixtures. Upgrade electrical system. Abate asbestos and lead-based paint. Provide sidewalks, curbs, landscaping and tot lots. (See separate DD Form 1391)	1,851
OUTSIDE THE UNITED STATES	
ICELAND	
NAS Keflavik (H-01-01) This project revitalizes 30 enlisted and 14 officer homes in the lower commissary and BOAC neighborhoods. Kitchens, laundry, dining and living rooms will be reconfigured to improve the net space of these homes. Work also includes renovation of kitchens and baths, mechanical and plumbing upgrades. Electrical modifications will add GFI outlets and improve interior lighting. Improve the configuration of stairways for apartment style buildings in this project. Provide plantings and trees and improve exterior drainage systems. (See separate DD Form 1391)	9,016
JAPAN	
CNFJ Yokosuka (H-13-95-3) This project revitalizes 96 enlisted homes in Towers 5 & 6 in neighborhood #4. Project work includes the renovation of kitchens and bathrooms, provides new floors and the replacement of chilled/hot water piping and window screens. A new entrance vestibule will also be added. (See separate DD Form 1391)	11,884

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
NAVY			
3. INSTALLATION AND LOCATION	4. PROJECT TITLE		
COMNAVBASE SAN DIEGO, CA	WHOLE-HOUSE REVITALIZATION OF 347 HOMES, MURPHY CANYON (PHASE 4 of 7)		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0808742N	711	H-61-93-4	$ 27,123

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
WHOLE-HOUSE REVITALIZATION	EA	347	78,164	27,123
Area Cost Factor = 1.10				

10. Description of Proposed Construction

This project includes the revitalization of kitchens and baths. It includes the replacement of electrical and plumbing throughout, replacement of interior, exterior and garage doors. Provide energy efficient windows, water heaters and new heating and air conditioning systems. This project includes the abatement of asbestos in ceilings and floor tiles. Install attic and wall insulation. Repair and paint stucco. Provide sidewalks, upgrade patios and provide a cover; replace privacy fencing. Improve landscaping. Repair driveways and walks.

11. REQUIREMENT:

PROJECT: This project revitalizes 347 enlisted homes of two, three and four bedrooms in Murphy Canyon. These homes are of frame construction ranging from single family to four-plex construction.

REQUIREMENT: These homes still retain the majority of their original components. The maintenance and utility costs of these homes are increasing and they do not meet current standards. This project will extend the life of the homes another 25 years.

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION COMNAVBASE SAN DIEGO, CA		
4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 347 HOMES, MURPHY CANYON (PHASE 4 of 7)		5. PROJECT NUMBER H-61-93-4

CURRENT SITUATION: The kitchens are old, inefficient, unfunctional and lack sufficient space for separate washer/dryer and eating areas. Bathrooms have old components. The existing plumbing leaks create maintenance expenses. The electrical system is outdated and will be upgraded. The windows are old, single paned, do not conform to code requirements for height and width and are not energy efficient. The heating systems for these homes need replacement due to age and condition of the existing system. Water heaters are old, small, energy inefficient and are not properly mounted to meet seismic standards. Flooring throughout the homes needs replacing to conform to new reconfiguration and for removal of asbestos/lead. New light fixtures are needed throughout for energy conservation. These homes lack sufficient insulation. The stucco is discolored, cracked and requires repairs/replacement. Site requires major tree removal, drainage repairs to prevent ponding and erosion repairs to canyon areas and between housing units. Ceilings, floors and tile contain lead and asbestos.

IMPACT IF NOT PROVIDED: These homes will remain costly to operate without this much needed work.

ADDITIONAL: This project will eliminate life safety hazards, improve the energy efficiency of these homes, and reduce future maintenance expenses. This project is consistent with DOD housing standards and is supported by an economic and requirements analysis.

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
3. INSTALLATION AND LOCATION NAVAL SUB BASE NEW LONDON, CA		4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 111 HOMES, NAUTILUS PARK I, PHASE I	
5. PROGRAM ELEMENT 0808742N	6. CATEGORY CODE 711	7. PROJECT NUMBER H-13-97-1	8. PROJECT COST ($000) $ 10,429

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
WHOLE-HOUSE REVITALIZATION	EA	111	93,955	10,429
Area Cost Factor = 1.04				

10. Description of Proposed Construction

Work includes revitalization of kitchens and baths, electrical and plumbing upgrades. Includes interior modifications to better utilize existing space. Exterior vinyl siding, new entrance vestibule, replace fuel oil heating system with natural gas. Neighborhood repairs and improvements and asbestos and lead paint abatement will also be accomplished.

11. REQUIREMENT:

PROJECT: This project revitalizes 64 enlisted and 47 officer homes of two, three and four bedrooms in the Nautilus Park neighborhood at New London. These single-family homes were built in 1961.

REQUIREMENT: This project is required to correct deficiencies and modernize these homes. The work will extend the useful life of these homes by another 25 years.

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION NAVAL SUB BASE NEW LONDON, CT		
4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 111 HOMES, NAUTILUS PARK I, PHASE I		5. PROJECT NUMBER H-13-97-1

CURRENT SITUATION: These units have not had a complete renovation in the past the past 38 years. Kitchen and bathrooms are worn and lack modern features. The HVAC, electrical and plumbing systems are outdated and require extensive maintenance. Roofs are failing and windows, doors and exterior siding have outlived their useful life. Lead paint and asbestos will be removed and utilities and streets will be repaired.

IMPACT IF NOT PROVIDED: These homes are becoming unattractive and undesirable for Navy families. The utility costs and maintenance of these homes will continue to be uneconomical.

ADDITIONAL: This project is consistent with DOD housing standards and is supported by an economic and requirements analysis. This project will improve the energy efficiency of these homes, reduce maintenance costs, and eliminate life safety hazards.

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL SUB BASE NEW LONDON, CT	WHOLE-HOUSE REVITALIZATION OF 184 HOMES AT NAUTILUS PARK II, PHASE III

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0808742N	711	H-12-93-3	$ 18,694

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
WHOLE-HOUSE REVITALIZATION	EA	184	101,598	18,694
Area Cost Factor = 1.04				

10. Description of Proposed Construction

Work includes revitalization of kitchens and baths, electrical and plumbing upgrades. Includes interior modifications to better utilize existing space. Exterior vinyl siding, new entrance vestibule, replace fuel oil heating system with natural gas. Roofs, windows and doors will be replaced. Neighborhood repairs and improvements and asbestos and lead paint abatement will also be accomplished.

11. REQUIREMENT:

PROJECT: This project revitalizes 184 enlisted homes of two, three and four bedrooms in the Nautilus Park II housing area at New London. These duplex, ranch and townhomes were built in 1962.

REQUIREMENT: This project is required to correct deficiencies and modernize these homes as well as provide neighborhood amenities. The work is required to extend the useful life of these homes by another 25 years.

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION NAVAL SUB BASE NEW LONDON, CT		
4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 184 HOMES AT NAUTILUS PARK II, PHASE III		5. PROJECT NUMBER H-12-93-3

CURRENT SITUATION: These homes have not had a complete renovation in 37 years. Kitchen and baths lack modern amenities and components have deteriorated beyond economical repair. The electrical and plumbing systems are original, outdated and represent potential safety hazards. Roofs, windows and doors need to be replaced with energy efficient models. Carports offer little protection to the harsh winter weather. Hazardous materials need to be removed and utility systems and streets require repair.

IMPACT IF NOT PROVIDED: These homes are becoming unattractive and undesirable for Navy families. The utility costs and maintenance of these homes will continue to be uneconomical. The lead paint and asbestos will continue to pose potential hazards to the families.

ADDITIONAL: This project is consistent with DOD housing standards and is supported by an economic and requirements analysis. This project will improve the energy efficiency of these homes, reduce maintenance costs, and eliminate life safety hazards.

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
COMNAVBASE PEARL HARBOR, HI	WHOLE-HOUSE REVITALIZATION OF 12 HOMES AT HALE ALII

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0808742N	711	H-02-01	$ 2,729

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
WHOLE-HOUSE REVITALIZATION	EA	12	227,417	2,729
Area Cost Factor = 1.47				

10. Description of Proposed Construction

Work includes the renovation of kitchens and baths. New floors and roofs will be accomplished. The electrical system will be upgraded. Insulated windows and window coverings will be installed. The plumbing system will be upgraded and water saving devices will be provided. Neighborhood landscaping, street lighting and playgrounds will also be added.

11. REQUIREMENT:

PROJECT: This project revitalizes 12 Officer homes of one and two bedrooms in the Hale Alii housing area at Pearl Harbor. These single and duplex homes were built in 1914, 1916 and 1919.

REQUIREMENT: This project is required to correct deficiencies and modernize these homes as well as provide neighborhood amenities. The work is required to extend the useful life of these homes by another 25 years.

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION COMNAVBASE PEARL HARBOR, HI		
4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 12 HOMES AT HALE ALII		5. PROJECT NUMBER H-02-01

CURRENT SITUATION: There have been no major repairs or improvements on these homes in the last 25 years. The kitchens and baths in these homes are old and in need of renovation. The electrical and plumbing systems are dated and need upgrades. Floors and roofs are in need of replacement.

IMPACT IF NOT PROVIDED: These homes are becoming unattractive and undesirable for Navy families. The basic systems in these homes require upgrades before more costly, emergent revitalization is required. The utility costs and maintenance of these homes will continue to be uneconomical.

ADDITIONAL: This project is consistent with DOD housing standards and is supported by an economic and requirements analysis. This project will improve the energy efficiency of these homes, reduce maintenance costs, and eliminate life safety hazards.

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
PUBLIC WORKS CENTER GREAT LAKES, IL	WHOLE-HOUSE REVITALIZATION OF 180 HOMES, FORRESTAL VILLAGE (PHASE 10 of 12)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0808742N	711	H-1-88-10	$ 23,293

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
WHOLE-HOUSE REVITALIZATION	EA	180	129,406	23,293
Area Cost Factor = 1.26				

10. Description of Proposed Construction

Work involves interior reconfigurations to enlarge the kitchen area and provide additional second floor closet space; complete renovation of kitchens and baths. Install HVAC system; reconfigure ductwork and add ceiling fans, foundation, acoustic and attic insulation; add structurally pitched roofs; replace interior doors; perform asbestos and lead-based paint abatement; relocate gas service and meters; construct garages, driveway, patios and privacy fencing; install vapor barrier underneath homes; correct drainage problem; install additional landscaping; install interconnected hardwire smoke detectors; and install sprinkler system in triplex and above buildings; upgrade electrical system and replace windows and doors.

11. REQUIREMENT:

PROJECT: This project revitalizes 180 enlisted homes of two, three and four bedrooms located in the Forrestal Village neighborhood. These homes are quadruplex and sixplex family housing dwellings built in 1965, and consist of two, three and four bedroom homes.

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION PUBLIC WORKS CENTER GREAT LAKES, IL		
4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 180 HOMES, FORRESTAL VILLAGE (PHASE 10 of 12)		5. PROJECT NUMBER H-1-88-10

REQUIREMENT: These homes have not been revitalized since they were built. Due to the age and condition of the homes and their individual components, the maintenance and utility cost of these homes are unacceptably high. Based on the most recent family housing survey, these homes are needed to support the families at this installation. This project will extend the life of the homes another 25 years.

CURRENT SITUATION: All components within the kitchen and bathrooms are severely deteriorated and lack modern amenities. The absence of a half bathroom on the first floor of two story homes does not conform to OSD criteria. Floor tiles are becoming brittle, thus further exposing asbestos to the occupants. The furnace is inefficient and is not conducive to efficient distribution of heat. There is no central air conditioning system. The homes are inadequately insulated. The roofs are failing. The electrical systems are original outdated. Windows are antiquated and not energy efficient. The continued presence of asbestos and lead-based paint in these homes constitutes an unacceptable environmental hazard. The gas service system and meters, interior doors, garages and driveways are beyond economic repair. Open parking areas do not provide protection from snow and ice during winter. There is no privacy afforded to residents in the back of these homes. Drainage problems and lack of adequate landscaping are causing erosion in the yards.

IMPACT IF NOT PROVIDED: These homes will continue to fall short of DOD housing standards. Our families will continue to be dissatisfied with the condition of these homes. Operation and maintenance costs will continue to be unacceptably high.

ADDITIONAL: This project is consistent with DOD housing standards and is supported by an economic and requirements analysis. This project will improve the energy efficiency of these homes, reduce maintenance costs, and eliminate safety hazards.

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
3. INSTALLATION AND LOCATION U.S. NAVAL ACADEMY ANNAPOLIS, MD		4. PROJECT TITLE INTERIOR REPAIRS TO 7 SOQ UNITS IN THE ACADEMY YARD AREA, PHASE 6 OF 6		
5. PROGRAM ELEMENT 0808742N	6. CATEGORY CODE 711	7. PROJECT NUMBER H-02-00	8. PROJECT COST ($000) $ 2,654	

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
WHOLE-HOUSE REVITALIZATION	EA	7	379,143	2,654
Area Cost Factor = .90				

10. Description of Proposed Construction

The work includes replacement of damaged plaster, renovation of bathrooms and kitchens, replacement of electrical and plumbing systems, replacement of mechanical systems (Heat and AC), window replacements and abatement of asbestos and lead paint.

11. REQUIREMENT:

PROJECT: This project will provide extensive major repairs to 7 historic officer units (2 duplexes and 3 single units). Duplexes are located along Upshur Road 31/32 & 41/42 and single units located along Wood Road 1, 2 & 3.

REQUIREMENT: This project is in the sixth year of a planned 6-year restoration program. It will bring the units to contemporary housing standards while preserving historical building elements. The units in this project were constructed between 1892 and 1911. There has been no significant investment in these units over the last 25-30 years. The units have been maintained over the years, however, their overall condition, due to their age and structure, work is needed now to correct the deficiencies.

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION U.S. NAVAL ACADEMY ANNAPOLIS, MD		
4. PROJECT TITLE INTERIOR REPAIRS TO 7 SOQ UNITS IN THE ACADEMY YARD AREA, PHASE 6 OF 6		5. PROJECT NUMBER H-02-00

CURRENT SITUATION: The plumbing, electrical and mechanical systems have far exceeded their useful life and are outdated and safety hazards. Some of the units have severe interior plaster and paint problems. Extensive quantities of lead-based paint on the interior of the units. Asbestos materials are in the pipe insulation and in some of the wall and ceiling plaster. The heating, plumbing and electrical systems are original to the buildings and are beyond their useful life. Structures are in need of substantial repair and revitalization to bring them into conformance with contemporary standards for housing units.

IMPACT IF NOT PROVIDED: Without significant treatment/investment, these units will require increasing amounts of maintenance. Eventually, some systems will fail. Residents/families will be exposed to materials that contain asbestos and lead. Life safety code deficiencies will not be corrected. The long-term retention and preservation of these historic structures will be jeopardized. Deferral of required work will result in future accomplishment at higher costs when the work can no longer be postponed.

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
NAVY				
3. INSTALLATION AND LOCATION		4. PROJECT TITLE		
NAVAL AIR STATION PATUXENT, MD		WHOLE-HOUSE REVITALIZATION OF 17 HOMES, SOLOMON'S ANNEX		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER		8. PROJECT COST ($000)
0808742N	711	H-02-01		$ 822

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
WHOLE-HOUSE REVITALIZATION	EA	17	48,353	822
Area Cost Factor = 0.89				

10. Description of Proposed Construction

This project includes the renovation of bathrooms and kitchens, replacement of outdated and unsafe electrical system. Replace windows, doors and flooring. Increase closet space in bedrooms and convert closet to bath. Renovate existing patios. Includes abatement of asbestos and lead-based paint.

11. REQUIREMENT:

PROJECT: This project revitalizes 17 enlisted homes located in Solomon's Annex neighborhood.

REQUIREMENT: These three bedroom single-family homes were constructed I 1945 and have not been revitalized since they were built. The electrical system is a potential safety hazard and these homes are not energy efficient. This project will extend the life of the homes another 25 years.

1. COMPONENT NAVY	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION NAVAL AIR STATION PATUXENT, MD		
4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION 17 HOMES, SOLOMON'S ANNEX		5. PROJECT NUMBER H-02-01

CURRENT SITUATION. Kitchens and bathrooms are outdated and in need of repair. The electrical system is outdated and a safety hazard. Windows and doors are not energy efficient. Asbestos materials must be removed. Patio's are in need of renovation.

IMPACT IF NOT PROVIDED: This project is consistent with DoD housing standards and is supported by an economic analysis. Without this investment, these homes will require increasing amounts of maintenance and energy consumption will increase.

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AIR ENGINEERING STATION LAKEHURST, NJ	WHOLE-HOUSE REVITALIZATION OF 72 HOMES, PINEHURST ESTATES

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0808742N	711	H-11-00	$ 7,759

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
WHOLE-HOUSE REVITALIZATION	EA	72	107,764	7,759
Area Cost Factor = 1.17				

10. Description of Proposed Construction

This project includes the renovation of kitchens and baths; repair and upgrade electrical and plumbing systems. Add a one half bath and a family room to increase square footage to statutory levels. Replace patios and walkways and modify sidewalks and streets to improve vehicular and pedestrian circulation. Site work includes privacy fencing and landscaping. Selective demolition of 15 units will take place to thin density and improve the ambiance of the neighborhoods. Perform asbestos and lead-based paint abatement.

11. REQUIREMENT:

PROJECT: This project revitalizes 72 enlisted townhomes of two, three and four bedrooms located in the Pinehurst Estates neighborhood. These homes were built in 1955, and consist of two, three and four bedrooms. Site enhancements will also be provided.

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION NAVAL AIR ENGINEERING STATION LAKEHURST, NJ		
4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 72 HOMES, PINEHURST ESTATES		5. PROJECT NUMBER H-11-00

REQUIREMENT: These homes have not been revitalized since they were built. This project will extend the life of the homes another 25 years.

CURRENT SITUATION: All components within the kitchen and bathrooms are severely deteriorated and lack modern amenities. The electrical systems are original and outdated. Homes are small and square footage of these homes is less than statutory levels. The first floors need to be reconfigured to add one half bath and a family room. Streets and sidewalks are worn and cracked and the neighborhoods lack landscaping.

IMPACT IF NOT PROVIDED: These homes will continue to fall short of DoD and Congressional housing standards. Navy families will continue to be dissatisfied with the condition of these homes. Operation and maintenance costs will be unacceptably high.

ADDITIONAL: This project is consistent with DoD housing standards and is supported by an economic and requirements analysis. This project will improve the energy efficiency of these homes, reduce maintenance costs, and eliminate safety hazards.

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
NAVY			
3. INSTALLATION AND LOCATION		4. PROJECT TITLE	
NAVAL SUPPORT ACTIVITYY MEMPHIS, TN		REVITALIZATION OF 250 CAPEHART HOMES	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0808742N	711	H-2-97-2	$ 10,892

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
WHOLE-HOUSE REVITALIZATION	EA	250	43,568	10,892
Area Cost Factor = 0.91				

10. Description of Proposed Construction

Work involves interior reconfigurations and floor plan modifications to maximize space utilization; upgrade and replace worn out plumbing infrastructure; replacing interior doors with cased out, pre-hung doors; repaint interior walls and ceiling; replace existing windows with energy efficient, vinyl clad windows; upgrade electrical service, replace outdated main electrical panel; provide additional electrical receptacles in kitchen; install ground fault interrupters per electrical code; replace outdated exterior lighting fixtures; install ceiling fans in bedrooms; repair garages and carports; reconfigure exterior storage space in carports and garages; improve landscaping to include enhancement of all entrances; improved signage; remove trees that are succoring and replace with new trees; resurface streets; and replace sidewalks and all concrete surfaces.

This project does not include renovations to kitchens, bathrooms, roofs and HVAC systems. In 1995, the HVAC systems were replaced. In 1996, the roofs were replaced. In 1997 and 1998, the kitchens and bathrooms were completely renovated. Completion of this project will eliminate the remaining backlog of maintenance, repairs and needed improvements to all 250 Capehart homes.

11. REQUIREMENT:

PROJECT: This project revitalizes 220 enlisted and 30 officer homes. These homes were built in 1962, and single family and duplex word frame homes. Site enhancements will also be provided.

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION NAVAL SUPPORT ACTIVITY MEMPHIS, TN		
4. PROJECT TITLE REVITALIZATION OF 250 CAPEHART HOMES		5. PROJECT NUMBER H-2-97-2

REQUIREMENT: Due to the age and condition of these homes and their individual components, maintenance and utility costs are high. These units do not meet current DoD standards for family housing. Based on the most recent family housing survey these units are needed to support the families at the installation. This project will extend the life of these units another 25 years.

CURRENT SITUATION: Ground fault interrupters are lacking. Floor tiles are becoming brittle, thus exposing asbestos to the occupants. Exterior doors are cracked, warped and allowing air leakage. Interior doors are beyond the point of economical repair. The continued presence of asbestos and lead based paint in these units constitutes an unacceptable environmental hazard. There is no privacy afforded to residents at the back of these homes. Sidewalks are damaged from mature tree roots. Patios are cracked and not level. Inadequate landscaping create an uninviting visual image of the neighborhood.

IMPACT IF NOT PROVIDED: These units will continue to fall short of DOD new construction standards. Our families will continue to be dissatisfied with the condition of these units. Operation and maintenance costs will continue to be unacceptably high.

ADDITIONAL: This project is consistent with DoD housing standards and is supported by an economic and requirements analysis. This project will improve the energy efficiency of these homes, reduce maintenance costs, and eliminate safety hazards.

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
COMNAVBASE NORFOLK HAMPTON ROADS, NORFOLK, VA	WHOLE-HOUSE REVITALIZATION OF 125 HOMES, PORTSMOUTH, STANLEY COURT

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0808742N	711	H-38-97	$ 9,318

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
WHOLE-HOUSE REVITALIZATION	EA	125	74,544	9,318
Area Cost Factor = 0.92				

10. Description of Proposed Construction

This project includes the renovation of bathrooms and kitchens and the replacement of outdated and unsafe electrical system. Replace windows, doors, flooring and exterior siding, downspouts and gutters. Repair sanitary and plumbing systems. Enlarge front stoops into porches. Provide landscaping, fencing, playground equipment, and signage. Repair sidewalks, streets adding handicap crosswalks. Includes abatement of asbestos and lead-based paint.

11. REQUIREMENT:

PROJECT: This project revitalizes 125 enlisted homes are located in the Stanley Court neighborhood.

REQUIREMENT: These single-family homes of two, three and four bedrooms were constructed in 1953 and have not been revitalized since they were built. The electrical, plumbing and sanitary systems need upgrading and repair. Kitchen and baths are outdated. Improve storm water drainage and provide landscaping. This project will extend the life of the homes another 25 years.

1. COMPONENT NAVY	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION COMNAVBASE NORFOLK HAMPTON ROADS, NORFOLK, VA		
4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 125 HOMES, PORTSMOUTH, STANLEY COURT		5. PROJECT NUMBER H-38-97

CURRENT SITUATION. Kitchens and bathrooms are outdated and in need of repair. The electrical system is a potential safety hazard and the sanitary and plumbing systems often suffer from leaks and backups. Storm water drainage often backs up creating a nesting place for insects. Asbestos materials must be removed.

IMPACT IF NOT PROVIDED: This project is consistent with DoD housing standards and is supported by an economic analysis. Without this investment, these homes will require increasing amounts of maintenance and energy consumption will increase.

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
NAVY			
3. INSTALLATION AND LOCATION		4. PROJECT TITLE	
COMNAVBASE NORFOLK HAMPTON ROADS, NORFOLK, VA		WHOLE-HOUSE REVITALIZATION OF 308 HOMES, LITTLE CREEK	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0808742N	711	H-02-99	$ 18,617

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
WHOLE-HOUSE REVITALIZATION	EA	308	60,445	18,617
Area Cost Factor = 0.92				

10. Description of Proposed Construction

Improvements include renovation of kitchens and baths, replacement of siding, doors, windows, electrical, plumbing, and HVAC systems, provision of flooring, sidewalks, street lighting, signage, storage sheds, the relocation of HVAC systems to the interior of units, and the installation of a tub/shower in the master bedroom.

11. REQUIREMENT:

PROJECT. This project provides for whole-house revitalization of 308 enlisted homes in Shelton and Gela Point at Hampton Roads Norfolk Little Creek Site.

REQUIREMENT: This project is required to correct deficiencies and modernize these homes as well as provide neighborhood amenities. The homes have reached the stage where investment is required to preserve their habitability and extend their useful life. This work will correct all major structural, mechanical, and electrical deficiencies necessary to bring these homes up to modern construction standards.

1. COMPONENT NAVY	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION COMNAVBASE NORFOLK HAMPTON ROADS, NORFOLK, VA		
4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 308 HOMES, LITTLE CREEK		5. PROJECT NUMBER H-02-99

CURRENT SITUATION. The homes at Shelton and Gela Point were built in 1972. The homes are a mix of three- and four-bedrooms and are designated for occupancy by enlisted personnel. The kitchen cabinets and floor covering are beginning to deteriorate. The sinks, faucets and equipment are approaching the end of their useful life. The bathroom vanities, fans, faucets, valves and flooring are approaching the end of their useful life. The master bath does not have a tub or shower. The floors in the living room, dining room, family room, bedrooms and hallways require replacement. The front door is not insulated and interior doors are in poor condition. The electrical system is outdated and requires replacement. Many sidewalks have broken, deteriorated sections. Shelton lacks adequate street lighting, landscaping signage and storage sheds. The storm drainage system does not function adequately.

IMPACT IF NOT PROVIDED: This project is consistent with DoD housing standards and is supported by an economic analysis. Without this investment, these homes will require increasing amounts of maintenance and energy consumption will increase.

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AIR STATION WHIDBEY ISLAND, WA	WHOLE-HOUSE REVITALIZATION OF 28 MAYLOR/FAF HOMES, PHASE I OF II

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0808742N	711	H-01-93	$ 1,851

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
WHOLE-HOUSE REVITALIZATION	EA	28	66,107	1,851
Area Cost Factor = 1.15				

10. Description of Proposed Construction

Work includes the renovation of kitchens and baths; replacement of all windows, doors, floors, and light fixtures. Upgrade electrical and heating system. Abate asbestos and lead-based paint. Provide sidewalks, curbs, landscaping and tot lots.

11. REQUIREMENT:

PROJECT: This project revitalizes 28 single family enlisted homes in the Maylor/FAF neighborhood. Provides sidewalks, curbs and landscaping.

REQUIREMENT: These three bedroom homes were constructed in 1960 and have not been revitalized since they were built. Kitchen and bathrooms are worn and need renovation. Most components are original, worn and uneconomical to repair. The lack of sidewalks forces children to walk and play in streets.

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION NAVAL AIR STATION WHIDBEY ISLAND, WA		
4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 28 MAYLOR/FAF HOMES, PHASE I OF II		5. PROJECT NUMBER H-01-93

CURRENT SITUATION: The kitchens and baths are old and worn. The windows, floors, doors, and light fixtures are deteriorated and becoming unsightly maintenance problems. The electric heating system is outdated and unsafe. Asbestos and lead-based paint poses a hazard to residents. The streets lack sidewalks and curbs. The area is barren and bleak without landscaping.

IMPACT IF NOT PROVIDED: Maintenance and utility costs will continue to be unacceptably high. These homes will not meet DoD standards; morale, retention and readiness will be adversely impacted.

ADDITIONAL: This project is consistent with DOD housing standards and is supported by an economic and requirements analysis. This project will improve the energy efficiency of these homes, reduce maintenance costs, and eliminate safety hazards.

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AIR STATION KEFLAVIK, IC	WHOLE-HOUSE REVITALIZATION 44 HOMES, L. COMMISSARY, BOAC & BLDG 672

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0808742N	711	H-01-01	$ 9,016

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
WHOLE-HOUSE REVITALIZATION	EA	44	204,909	9,016
Area Cost Factor = 3.00				

10. Description of Proposed Construction

Kitchens, laundry, dining and living rooms will be reconfigured to improve the net space of these homes. Work also includes renovation of kitchens and baths, mechanical and plumbing upgrades. Electrical modifications will add GFI outlets and improve interior lighting. Improve the configuration of stairways for apartment style buildings in this project. Provide plantings and trees and improve exterior drainage systems.

11. REQUIREMENT:

PROJECT: This project revitalizes 30 enlisted and 14 officer two, three and four bedroom homes located in the Lower Commissary and BOAC areas and in building 672. These homes were built in 1956, 1969 and 1976.

REQUIREMENT: This project corrects all deficiencies in these homes.

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION NAVAL AIR STATION KEFLAVIK, IC		
4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION 44 HOMES, L. COMMISSARY, BOAC & BLDG 672		5. PROJECT NUMBER H-01-01

CURRENT SITUATION: The plumbing system is failing causing damage to these homes and personal property. The electrical system is outdated and a safety hazard. Kitchens and bathrooms are worn and outdated. Current floor plan is an inefficient use of interior space. Bulk storage is severely limited causing children's play equipment to be stored in stairwells. Sounds are readily transmitted through shared masonry walls.

IMPACT IF NOT PROVIDED: Maintenance costs are growing as the home components age. Plumbing is a particular problem. The work is needed to modify these homes to meet the unique local conditions of living in Iceland.

ADDITIONAL: This project is consistent with DOD housing standards and is supported by an economic and requirements analysis. This project will improve the energy efficiency of these homes and reduce maintenance costs.

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
3. INSTALLATION AND LOCATION COMMANDER, NAVAL FORCES JAPAN YOKOSUKA, JP		4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 96 HOMES, TOWERS 5 & 6	
5. PROGRAM ELEMENT 0808742N	6. CATEGORY CODE 711	7. PROJECT NUMBER H-13-95-3	8. PROJECT COST ($000) $ 11,884

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
WHOLE-HOUSE REVITALIZATION	EA	96	123,792	11,884
Area Cost Factor = 1.65				

10. Description of Proposed Construction

Project work includes the renovation of kitchens and bathrooms, provides new floors and the replacement of chilled/hot water piping and window screens. A new entrance vestibule will also be added.

11. REQUIREMENT:

PROJECT: This project revitalizes 96 enlisted homes. These two bedroom homes are located in high-rise apartment buildings built in 1978.

REQUIREMENT: This project will correct deficiencies and modernize these homes.

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION COMMANDER, NAVAL FORCES JAPAN YOKOSUKA, JP		
4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 96 HOMES, TOWERS 5 & 6		5. PROJECT NUMBER H-13-95-3

CURRENT SITUATION: Kitchens and bathrooms are worn and require modernization. Flooring is deteriorating exposing asbestos materials. The plumbing system is rusted and past its useful life causing increased maintenance service.

IMPACT IF NOT PROVIDED: Repair and maintenance costs are increasing as the deterioration of components increases. The homes will not meet the acceptable standards of living with respect to efficiency and modern convenience.

ADDITIONAL: This project is consistent with DOD housing standards and is supported by an economic and requirements analysis. This project will improve the energy efficiency of these homes and reduce maintenance costs.

1. COMPONENT MARINE CORPS	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS INSIDE AND OUTSIDE THE UNITED STATES		
4. PROJECT TITLE FAMILY HOUSING IMPROVEMENTS		5. PROJECT NUMBER

INSTALLATION/LOCATION/PROJECT DESCRIPTION	($000) CURRENT WORKING ESTIMATE
INSIDE THE UNITED STATES	
CALIFORNIA	
Marine Corps Base, Camp Pendleton (PE-H-9995-M2) This project encompasses wholesite repairs and revitalization to 332 enlisted and officer family housing units located at MCB Camp Pendleton, Ca in the San Onofre Housing area. The work includes upgrading fixtures and electrical, plumbing and mechanical systems; structural, architectural and site improvements; interior and exterior repairs; installing fire suppression systems; and landscaping. (See separate DD Form 1391)	24,969.0
WASHINGTON D.C.	
Marine Barracks, Eighth and I (EI-H-0101-R2) This project provides interior repairs to one historic General Officer Quarters located at Marine Barracks, 8th and I, Washington D.C. Repairs include stripping lead based paint from interior painted surfaces, comprehensive kitchen replacement, and repair of emergency lighting system. Items to be replaced include asbestos-containing and ceramic floor tile; attic insulation; selected plaster walls and ceilings; selected trim and crown molding; selected doors; basement chiller and associated controls and refrigerant piping; boiler, expansion tank, circulating pumps, piping, valves and controls; chemical feeders and water softener equipment; fan coil units; selected ceiling fans; plumbing fixtures and valves; gas fired water heater and flue; branch circuit panelboards; and ground fault equipment. New equipment being installed includes exhaust fans and vents, combustion make-up air louver, attic ventilation fan, hot and cold water piping insulation and a residential sprinkler system. (See separate DD Form 1391)	223.0

1. COMPONENT MARINE CORPS	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS INSIDE AND OUTSIDE THE UNITED STATES		
4. PROJECT TITLE FAMILY HOUSING IMPROVEMENTS		5. PROJECT NUMBER

INSTALLATION/LOCATION/PROJECT DESCRIPTION	($000) CURRENT WORKING ESTIMATE
INSIDE THE UNITED STATES	
Marine Barracks, Eighth and I (EI-H-0102-R2) This project provides exterior repairs to one historic General Officer Quarters located at Marine Barracks, 8th and I, Washington, DC. Repairs include roof, gutter and flashing replacement, waterproofing of below-grade basement walls, window rehabilitation, removal of hazardous materials, installation of perforated PVC foundation drainage piping and repair of cast iron storm drainage piping. Structural work includes replacement and reattachment of infill walls, masonry reconstruction, repointing mortar joints, rebuilding brick steps, replacing granite pavers and concrete walks, reattaching wrought iron stair railings and installing expansion and control joints in porch slab. (See separate DD Form 1391)	178.0
Marine Barracks, Eighth and I (EI-H-0103-R2) This project provides exterior repairs to one historic General Officer Quarters located at Marine Barracks, 8th and I, Washington, DC. Repairs include roof, gutter and flashing replacement, waterproofing of below-grade basement walls, window rehabilitation, removal of hazardous materials, installation of perforated PVC foundation drainage piping and repair of cast iron storm drainage piping. Structural work includes replacement and reattachment of infill walls, masonry reconstruction, repointing mortar joints, rebuilding brick steps, replacing granite pavers and concrete walks, reattaching wrought iron stair railings and installing expansion and control joints in porch slab. (See separate DD Form 1391)	190.0

1. COMPONENT MARINE CORPS	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS INSIDE AND OUTSIDE THE UNITED STATES		
4. PROJECT TITLE FAMILY HOUSING IMPROVEMENTS		5. PROJECT NUMBER

INSTALLATION/LOCATION/PROJECT DESCRIPTION	($000) CURRENT WORKING ESTIMATE
OUTSIDE THE UNITED STATES	
JAPAN	
MCAS Iwakuni (IW-H-0201-R2) Improvements to 132 enlisted and officer units. Provides for carpeting and padding in all family housing living spaces, except the kitchen and bathrooms, which is required for sound reduction in three midrise (six story) buildings that have high density occupancy. Carpeting will also provide a non-skid surface for safety.	873.0
MCAS Iwakuni (IW-H-9902-R2) Improvements to 44 enlisted units. Provides for automatic sprinkler systems and maintenance access doors to the fire sprinkler risers in Midrise 955.	2,033.0

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
MARINE CORPS			
3. INSTALLATION AND LOCATION		4. PROJECT TITLE	
MARINE CORPS BASE CAMP PENDLETON, CA		WHOLE HOUSE REVITALIZATION, SAN ONOFRE, PHASE 2 OF 3	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
IMPROVEMENTS	711	PE-H-9995-M2	$ 24,969

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
FAMILY HOUSING REVITALIZATION	EA	332	75,208	24,969
Area Cost Factor = 1.10				

10. DESCRIPTION OF PROPOSED CONSTRUCTION

The work includes upgrading fixtures and electrical, plumbing and mechanical systems; structural, architectural and site improvements; interior and exterior repairs; installing fire suppression systems; and landscaping.

11. REQUIREMENT:

PROJECT: This project encompasses wholesite repairs and revitalization to 332 enlisted and officer family housing units located at MCB Camp Pendleton, Ca in the San Onofre Housing area. This is the second of several phases for the revitalization of this housing area.

REQUIREMENT: This project will repair units, improve safety and habitability, and bring units into conformance with current construction standards, codes, and regulations. Replace failing mechanical and plumbing systems including all traps in waste, soil, and vent piping; replaces appliances; interior wall, ceiling and floor finishes and trim; replace and upgrade outdated electrical system and fixtures; interior and exterior doors, frames and hardware, and ceiling insulation; replace kitchen cabinets. This project provides two full baths, utility meters, exterior wall insulation, new laundry connections, ice maker connection at refrigerators, additional storage space, fire sprinkler system, additional phone and cable TV jacks, new water service, site restoration and utility connections.

CURRENT SITUATION: These units were constructed in 1973. Plumbing system is in poor condition and no longer meets code requirements. They require electrical systems upgrades (additional outlets and grounded distribution system) to meet National Electric Code; additional bath, kitchen cabinets, counter and storage space and replacement of interior finishes, doors, and frames. Fire suppression systems are non-existent and patios are not provided to some units. Kitchens are poorly designed and do not meet modern standards. Maintenance and utility costs are increasing due to the age and construction of the units.

1. COMPONENT MARINE CORPS	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION MARINE CORPS BASE CAMP PENDLETON, CA		
4. PROJECT TITLE WHOLE HOUSE REVITALIZATION, SAN ONOFRE, PHASE 2 OF 3		5. PROJECT NUMBER PE-H-9995-M2

IMPACT IF NOT PROVIDED: Failure to authorize this project will result in the further deterioration and obsolescence of these units. Kitchens and bathrooms will remain deteriorated and outmoded. Units do not meet DOD standards. High energy use, excessive maintenance efforts, and occupant dissatisfaction will continue to increase. Additionally, the morale and quality of life of military families will continue to decline.

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
MARINE CORPS		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MARINE BARRACKS, 8TH AND I WASHINGTON D.C.	WHOLE HOUSE REVITALIZATION ACMC QUARTERS, PHASE II OF II

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
IMPROVEMENTS	711	EI-H-0101-R2	$ 223

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
INTERIOR REPAIRS	EA	1	$223,000	$223
Area Cost Factor = 0.95				

10. DESCRIPTION OF PROPOSED CONSTRUCTION

This project provides interior repairs to one historic General Officer Quarters located at Marine Barracks, 8th and I, Washington D.C. Repairs include stripping lead based paint from interior painted surfaces, comprehensive kitchen replacement, and repair of emergency lighting system. Items to be replaced include asbestos-containing and ceramic floor tile; attic insulation; selected plaster walls and ceilings; selected trim and crown molding; selected doors; basement chiller and associated controls and refrigerant piping; boiler, expansion tank, circulating pumps, piping, valves and controls; chemical feeders and water softener equipment; fan coil units; selected ceiling fans; plumbing fixtures and valves; gas fired water heater and flue; branch circuit panelboards; and ground fault equipment. New equipment being installed includes exhaust fans and vents, combustion make-up air louver, attic ventilation fan, hot and cold water piping insulation and a residential sprinkler system.

11. REQUIREMENT:

PROJECT: This project encompasses interior repairs to ACMC Quarters located at Marine Barracks, 8th and I, Washington D.C. This is the second of two phases for the revitalization of this historic quarters.

REQUIREMENT: Repair interior finishes, lead-based paint abatement, rehabilitate kitchen, electrical and mechanical systems replacement, replace plumbing fixtures, and installation of residential sprinkler system.

1. COMPONENT MARINE CORPS	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION MARINE CORPS BARRACKS 8TH AND I, WASHINGTON D.C.		
4. PROJECT TITLE WHOLE HOUSE REVITALIZATION ACMC QUARTERS, PHASE II OF II		5. PROJECT NUMBER EI-H-0101-R2

CURRENT SITUATION: This house was constructed in 1908. The attic is not adequately ventilated resulting in mold and mildew at third floor finishes. Asbestos-containing floor tile is deteriorated. Bathroom vanities and bathroom tile finishes are deteriorated. Many of the building systems are as originally constructed and have exceeded their useful life. Some modern mechanical/electrical systems have been installed, but these are generally beyond their useful service life. Essential elements of the HVAC system are at the end of their useful life. Existing mechanical systems are not energy efficient. Bathroom plumbing fixtures are old and not energy saving. Many painted surfaces are lead-containing.

IMPACT IF NOT PROVIDED: These quarters are listed on the National Register of Historic Places. Failure to authorize this project will result in the further deterioration and increased maintenance costs. Foundation leaks will continue to result in structural decay and damage to occupants' belongings. High-energy use, excessive maintenance efforts, uncorrected potential safety hazards, and occupant dissatisfaction will continue to increase.

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
MARINE CORPS		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MARINE BARRACKS, 8TH AND I WASHINGTON D.C.	WHOLE HOUSE REVITALIZATION QUARTERS #2, PHASE I OF II

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
IMPROVEMENTS	711	EI-H-0102-R2	$ 178

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
EXTERIOR REPAIRS	EA	1	178,000	$178
Area Cost Factor = 0.95				

10. DESCRIPTION OF PROPOSED CONSTRUCTION

This project provides exterior repairs to one historic General Officer Quarters located at Marine Barracks, 8th and I, Washington D.C. Repairs include roof, gutter and flashing replacement, waterproofing of below-grade basement walls, window rehabilitation, removal of hazardous materials, installation of perforated PVC foundation drainage piping and repair of cast iron storm drainage piping. Structural work includes replacement and reattachment of infill walls, masonry reconstruction, repointing mortar joints, rebuilding brick steps, replacing granite pavers and concrete walks, reattaching wrought iron stair railings and installing expansion and control joints in porchs. Improvements include installation of non-existent exterior drainage system, attic vents and fans.

11. REQUIREMENT:

PROJECT: This project encompasses exterior repairs to Quarters #2 located at Marine Barracks, 8th and I, Washington D.C. This is the first of two phases for the revitalization of this historic quarters.

REQUIREMENT: Repair roof and gutter replacement; make structural repairs; repair brick siding and associated trim and soffit; upgrade and unify exterior facades; rehabilitate windows, and provide for erosion and drainage control.

1. COMPONENT MARINE CORPS	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION MARINE CORPS BARRACKS 8TH AND I, WASHINGTON D.C.		
4. PROJECT TITLE WHOLE HOUSE REVITALIZATION QUARTERS #2, PHASE I OF II		5. PROJECT NUMBER EI-H-0102-R2

CURRENT SITUATION: This house was constructed in 1908. Water infiltrates into the basement during periods of rain. The upper and lower slate roofs and built-in copper gutters and flashing are deteriorated. Windows have heavy lead-containing paint build-up, are difficult to operate and lack weather stripping. Exterior paint systems are in the process of failure. Masonry piers are cracking, entry stairs are deteriorated and require rebuilding, concrete walks are cracked and uneven, masonry support walls have shifted and mortar joints are deteriorated.

IMPACT IF NOT PROVIDED: Failure to authorize this project will result in the further deterioration and increased maintenance costs. Foundation leaks will continue to result in structural decay and damage to occupants' belongings. High energy use, excessive maintenance efforts, uncorrected potential safety hazards, and occupant dissatisfaction will continue to increase.

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
MARINE CORPS		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MARINE BARRACKS, 8TH AND I WASHINGTON D.C.	WHOLE HOUSE REVITALIZATION QUARTERS #4, PHASE I OF II

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
IMPROVEMENTS	711	EI-H-0103-R2	$ 190

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
EXTERIOR REPAIRS	EA	1	190,000	$190
Area Cost Factor = 0.95				

10. DESCRIPTION OF PROPOSED CONSTRUCTION

This project provides exterior repairs to one historic General Officer Quarters located at Marine Barracks, 8th and I, Washington, DC. Repairs include roof, gutter and flashing replacement, waterproofing of below-grade basement walls, window rehabilitation, removal of hazardous materials, installation of perforated PVC foundation drainage piping and repair of cast iron storm drainage piping. Structural work includes replacement and reattachment of infill walls, masonry reconstruction, repointing mortar joints, rebuilding brick steps, replacing granite pavers and concrete walks, reattaching wrought iron stair railings and installing expansion and control joints in porch slab. Improvements include installation of non-existent exterior drainage system, attic vents and fans.

11. REQUIREMENT:

PROJECT: This project encompasses exterior repairs to Quarters #4 located at Marine Barracks, 8th and I, Washington D.C. This is the first of two phases for the revitalization of this historic quarters.

REQUIREMENT: Repair roof and gutter replacement; make structural repairs; repair brick siding and associated trim and soffit; upgrade and unify exterior facades; rehabilitate windows, and provide for erosion and drainage control.

1. COMPONENT MARINE CORPS	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION MARINE CORPS BARRACKS 8TH AND I, WASHINGTON D.C.		
4. PROJECT TITLE WHOLE HOUSE REVITALIZATION QUARTERS #4, PHASE I AND II		5. PROJECT NUMBER EI-H-0103-R2

CURRENT SITUATION: This house was constructed in 1908. Water infiltrates into the basement during periods of rain. The upper and lower slate roofs and built-in copper gutters and flashing are deteriorated. Windows have heavy lead-containing paint build-up, are difficult to operate and lack weather stripping. Exterior paint systems are in the process of failure. Masonry piers are cracking, entry stairs are deteriorated and require rebuilding, concrete walks are cracked and uneven, masonry support walls have shifted and mortar joints are deteriorated.

IMPACT IF NOT PROVIDED: Failure to authorize this project will result in the further deterioration and increased maintenance costs. Foundation leaks will continue to result in structural decay and damage to occupants' belongings. High-energy use, excessive maintenance efforts, uncorrected potential safety hazards, and occupant dissatisfaction will continue to increase.

DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 2001 BUDGET ESTIMATE
ADVANCE PLANNING AND DESIGN

(In Thousands)

FY 2001 Program $19,958
FY 2000 Program $17,624

Purpose and Scope

This program provides for working drawings, specifications and estimates, project planning reports, and final design drawings for construction projects (authorized or not yet authorized). This includes the use of architectural and engineering services in connection with any family housing new construction or construction improvements and efforts required the Navy's PPV program.

Program Summary

The amount requested will enable full execution of the construction program. Authorization is requested for appropriation of $19,958,000 ($16,262,000 for the Navy and $3,696,000 for the Marine Corps) to fund new construction and improvements design requirements.

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS VARLOCS INSIDE AND OUTSIDE UNITED STATES	4. PROJECT TITLE FAMILY HOUSING ADVANCE PLANNING AND DESIGN	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
VARIES	VARIES	VARIES	$19,958

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ADVANCE PLANNING AND DESIGN		---	---	
NEW CONSTRUCTION	L/S	—	—	(5,624)
IMPROVEMENTS	L/S	—	—	(11,509)
PUBLIC/PRIVATE VENTURE	L/S	—	—	(2,825)
TOTAL REQUEST				19,958

10. Description of Proposed Construction

10 USC authorizes funding for architectural and engineering services and construction design of military family housing new construction and construction improvement projects.

11. REQUIREMENT: VARIES

All project estimates are based on sound engineering and the best cost data available. Design is initiated to establish project estimates authorized or not yet authorized in advance of program submittal to the Congress. At the preliminary design, final plans and specifications are then prepared. The request includes costs for architectural and engineering services, turnkey evaluation, and construction design and PPV initiatives.

IMPACT IF NOT PROVIDED: Project execution schedules for Fiscal Years 2001, 2002, and 2003 will not be met. This will result in costly change orders.

DEPARTMENT OF THE NAVY
FAMILY HOUSING - 2001 BUDGET ESTIMATE
OPERATION AND MAINTENANCE

($000)
FY 2001 Program $760,909
FY 2000 Program $762,371

Purpose and Scope

a. Operation. This portion of the program provides for expenses in the following sub-accounts:

Management. Includes direct and indirect expenses incident to the administration of the family housing program such as housing office personnel and operations, administrative support, training, travel, programming and studies, and community liaison. All housing referral costs are also included, although the housing referral program assists personnel in locating housing in the private community, and is not related to the operation or management of military family housing units.

Services. Includes direct and indirect expenses incident to providing basic support services such as refuse collection and disposal, fire and police protection, pest control, custodial services for common areas, snow removal and street cleaning.

Furnishings. Includes the procurement for initial issue or replacement of household equipment (primarily stoves and refrigerators) and, in limited circumstances, furniture; the control, moving and handling of furnishings inventories; and the maintenance and repair of such items.

Miscellaneous. Includes work or services performed for the benefit of family housing occupants, including mobile home hook-ups and disconnections, for which reimbursement will be received; payments to the U. S. Coast Guard for Navy occupancy of Coast Guard housing; and United Kingdom accommodation charges.

b. Utilities. Includes all utility services provided to family housing, such as electricity, gas, fuel oil, water and sewage. Excludes telephone services.

c. Maintenance. This portion of the program supports the upkeep of family housing real property, as follows:

Maintenance/Repair of Dwelling. Includes service calls, change of occupancy rehabilitation, routine maintenance, preventative maintenance, interior and exterior painting, and major repairs.

Other Real Property. Includes maintenance, repair and replacement of electrical, gas, water, sewage and other utility distribution systems located within family housing areas, and the portion of activity utility rates attributable to distribution system maintenance when separately identified. Also includes maintenance and repair of any other family housing real property, such as grounds, surfaced areas and family housing community facilities.

Alterations and Additions. Includes minor incidental improvements to dwellings or other real property performed under the authority of 10 USC 2805. Larger scope or higher dollar value items are funded in the construction program.

Program Summary

Authorization is requested for an appropriation of $739,877,000. This amount, together with estimated reimbursements of $21,032,000, will fund the Fiscal Year 2001 program of $760,909,000.

A summary of the funding program for Fiscal Year 2001 follows (in thousands):

	Appropriation Request					
	Operations	Utilities	Maintenance	Total	Reimbursements	Total Program
Navy	$150,729	126,082	328,135	604,946	18,532	623,478
Marine Corps	$ 30,261	38,975	65,695	134,931	2,500	137,431
Total DON	$180,990	165,057	393,830	739,877	21,032	760,909

JUSTIFICATION:

The Department of Navy family housing budget requests the minimum essential resources needed to provide military families with adequate housing either through the private community or in government quarters. Navy and Marine Corps installations are generally located in the high cost, coastal areas. Accordingly, the over inflated cost of adequate housing in these areas causes many of our military families to reside in facilities that lack even the minimal amenities expected in a home. Therefore, increased emphasis is being placed on the proper funding of the family housing Operations and Maintenance program.

The Fiscal Year 2001 estimated program was formulated utilizing the Office of Management and Budget's published inflationary factors and foreign currency exchange rates.

DEPARTMENT OF THE NAVY
FAMILY HOUSING, NAVY AND MARINE CORPS
FY 2001 OPERATIONS AND MAINTENANCE
(EXCLUDES LEASED UNITS AND COSTS)
GEOGRAPHIC - WORLDWIDE

	FY 1999		FY 2000		FY 2001	
A. INVENTORY DATA						
Units In Beginning of Year	88,059		83,295		78,954	
Units at End of Year	83,295		78,954		78,362	
Average Inventory for Year	85,678		81,126		78,658	
Requiring O&M Funding						
a. Conterminous U.S.	64,885		60,370		58,158	
b. U.S. Overseas	12,754		12,886		12,587	
c. Foreign	8,040		7,870		7,913	
d. Worldwide	85,679		81,126		78,658	
	Total ($000)	Unit Cost	Total ($000)	Unit Cost	Total ($000)	Unit Cost
B. FUNDING REQUIREMENT						
1. OPERATIONS						
a. Operating Expenses						
(1) Management	81,764	954	82,591	1,018	84,914	1,080
(2) Services	63,512	741	63,334	781	63,953	813
(3) Furnishings	33,450	390	32,504	401	30,884	393
(4) Miscellaneous	292	3	1,175	14	1,239	16
Subtotal Direct Obligations	179,018	2,089	179,604	2,214	180,990	2,301
Anticipated Reimbursements	5,704	67	5,323	66	5,342	68
Estimated Gross Obligations	184,722	2,156	184,927	2,279	186,332	2,369
2. UTILITIES	183,625	2,143	170,304	2,099	165,057	2,098
Anticipated Reimbursements	5,357	63	5,378	66	5,400	69
Estimated Gross Obligations	188,982	2,206	175,682	2,166	170,457	2,167
3. MAINTENANCE						
a. Maintenance & Repair of Dwellings	344,231	4,018	322,868	3,980	324,374	4,124
b. Exterior Utilities	21,649	253	20,472	252	20,320	258
c. Maintenance & Repair of Other Real Property	39,569	462	32,353	399	32,706	416
d. Alterations and Additions	16,792	196	15,821	195	16,429	209
Subtotal Direct Obligations	422,240	4,928	391,514	4,826	393,830	5,007
Anticipated Reimbursements	10,307	120	10,248	126	10,290	131
Estimated Gross Obligations	432,547	5,049	401,762	4,952	404,120	5,138
4. GRAND TOTAL, O&M - Direct Obligation	784,883	9,161	741,422	9,139	739,877	9,408
5. GRAND TOTAL -						
Anticipated Reimbursements	21,368	249	20,949	258	21,032	267
6. GRAND TOTAL, O&M - Gross Obligations	806,251	9,410	762,371	9,397	760,909	9,674

DEPARTMENT OF THE NAVY
FAMILY HOUSING, NAVY
FY 2001 OPERATIONS AND MAINTENANCE
(EXCLUDES LEASED UNITS AND COSTS)
GEOGRAPHIC - WORLDWIDE

	FY 1999		FY 2000		FY 2001	
A. INVENTORY DATA						
Units In Beginning of Year	62,591		60,515		55,769	
Units at End of Year	60,515		55,769		55,503	
Average Inventory for Year	61,554		58,143		55,636	
Requiring O&M Funding						
a. Conterminous U.S.	43,610		40,384		38,076	
b. U.S. Overseas	10,518		10,555		10,348	
c. Foreign	7,426		7,204		7,212	
d. Worldwide	61,554		58,143		55,636	
	Total ($000)	Unit Cost	Total ($000)	Unit Cost	Total ($000)	Unit Cost
B. FUNDING REQUIREMENT						
1. OPERATIONS						
a. Operating Expenses						
(1) Management	67,544	1,097	68,957	1,186	71,641	1,288
(2) Services	50,118	814	49,719	855	49,962	898
(3) Furnishings	29,998	487	29,590	509	27,887	501
(4) Miscellaneous	292	5	1,175	20	1,239	22
Subtotal Direct Obligations	147,952	2,404	149,441	2,570	150,729	2,709
Anticipated Reimbursements	4,304	70	4,323	74	4,342	78
Estimated Gross Obligation	152,256	2,474	153,764	2,645	155,071	2,787
2. UTILITIES	143,799	2,336	133,407	2,294	126,082	2,266
Anticipated Reimbursements	4,757	77	4,778	82	4,800	86
Estimated Gross Obligations	148,556	2,413	138,185	2,377	130,882	2,352
3. MAINTENANCE						
a. Maintenance & Repair of Dwellings	289,926	4,710	273,082	4,697	269,989	4,853
b. Exterior Utilities	21,086	343	19,860	342	19,688	354
c. Maintenance & Repair of Other Real Property	23,897	388	22,509	387	22,313	401
d. Alterations and Additions	16,517	268	15,557	268	16,144	290
Subtotal Direct Obligations	351,425	5,709	331,008	5,693	328,135	5,898
Anticipated Reimbursements	9,307	151	9,348	161	9,390	169
Estimated Gross Obligations	360,732	5,860	340,356	5,854	337,525	6,067
4. GRAND TOTAL, O&M - Direct Obligations	643,176	10,449	613,856	10,558	604,946	10,873
5. GRAND TOTAL -						
Anticipated Reimbursements	18,368	298	18,449	317	18,532	333
6.GRAND TOTAL, O&M - Gross Obligations	661,544	10,747	632,305	10,875	623,478	11,206

DEPARTMENT OF THE NAVY
FAMILY HOUSING, NAVY
FY2001 OPERATIONS AND MAINTENANCE
(EXCLUDES LEASED UNITS AND COSTS)
GEOGRAPHIC - CONUS

	FY 1999		FY 2000		FY 2001	
A. INVENTORY DATA						
Units in Beginning of Year	44,554		42,665		38,103	
Units at End of Year	42,665		38,103		38,049	
Average Inventory for Year	43,610		40,384		38,076	
Requiring O&M Funding						
a. Conterminous U.S.	43,610		40,384		38,076	
b. U.S. Overseas	0		0		0	
c. Foreign	0		0		0	
d. Worldwide	43,610		40,384		38,076	
	Total ($000)	Unit Cost	Total ($000)	Unit Cost	Total ($000)	Unit Cost
B. FUNDING REQUIREMENT						
1. OPERATIONS						
a. Operating Expenses						
(1) Management	48,632	1,115	49,649	1,229	51,582	1,355
(2) Services	28,567	655	28,340	702	28,478	748
(3) Furnishings	9,599	220	9,469	234	8,924	234
(4) Miscellaneous	219	5	881	22	929	24
Subtotal Direct Obligations	87,017	1,995	88,339	2,187	89,913	2,361
Anticipated Reimbursements	3,440	79	3,455	86	3,471	91
Estimated Gross Obligations	90,458	2,074	91,794	2,273	93,384	2,453
2. UTILITIES	84,841	1,945	78,710	1,949	74,388	1,954
Anticipated Reimbursements	0	0	0	0	0	0
Estimated Gross Obligations	84,841	1,945	78,710	1,949	74,388	1,954
3. MAINTENANCE						
a. Maintenance & Repair of Dwellings	182,741	4,190	172,124	4,262	170,830	4,481
b. Exterior Utilities	7,029	161	6,620	164	6,563	172
c. Maintenance & Repair of Other Real Property	17,571	403	16,550	410	16,407	431
d. Alterations and Additions	7,029	161	6,620	164	7,580	199
Subtotal Direct Obligations	214,369	4,916	201,915	5,000	201,180	5,284
Anticipated Reimbursements	6,888	158	6,918	171	6,950	183
Estimated Gross Obligations	221,257	5,074	208,833	5,171	208,129	5,466
4. GRAND TOTAL, O&M - Direct Obligation	386,228	8,856	368,964	9,136	365,481	9,599
5. GRAND TOTAL -						
Anticipated Reimbursements	10,328	237	10,374	257	10,421	274
6. GRAND TOTAL, O&M - Gross Obligations	396,556	9,093	379,338	9,393	375,901	9,872

DEPARTMENT OF THE NAVY
FAMILY HOUSING, NAVY
FY 2001 OPERATIONS AND MAINTENANCE
(EXCLUDES LEASED UNITS AND COSTS)
GEOGRAPHIC - US OVERSEAS

	FY 1999		FY 2000		FY 2001	
A. INVENTORY DATA						
Units In Beginning of Year	10,461		10,575		10,534	
Units at End of Year	10,575		10,534		10,162	
Average Inventory for Year	10,518		10,555		10,348	
Requiring O&M Funding						
a. Conterminous U.S.	0		0		0	
b. U.S. Overseas	10,518		10,555		10,348	
c. Foreign	0		0		0	
d. Worldwide	10,518		10,555		10,348	
	($000)	Unit Cost	Total ($000)	Unit Cost	Total ($000)	Unit Cost
B. FUNDING REQUIREMENT						
1. OPERATIONS						
a. Operating Expenses						
(1) Management	8,781	835	8,964	849	9,313	900
(2) Services	16,038	1,525	15,910	1,507	15,988	1,545
(3) Furnishings	12,899	1,226	12,724	1,205	11,991	1,159
(4) Miscellaneous	0	0	0	0	0	0
Subtotal Direct Obligations	37,718	3,586	37,598	3,562	37,293	3,604
Anticipated Reimbursements	735	70	738	70	741	72
Estimated Gross Obligations	38,452	3,656	38,336	3,632	38,034	3,675
2. UTILITIES	38,826	3,691	36,020	3,413	34,042	3,290
Anticipated Reimbursements	478	45	480	45	482	47
Estimated Gross Obligations	39,303	3,737	36,500	3,458	34,524	3,336
3. MAINTENANCE						
a. Maintenance & Repair of Dwellings	81,179	7,718	76,463	7,244	75,077	7,255
b. Exterior Utilities	10,543	1,002	9,930	941	9,844	951
c. Maintenance & Repair of Other Real Property	5,623	535	5,296	502	5,250	507
d. Alterations and Additions	351	33	331	31	33	3
Subtotal Direct Obligations	97,696	9,288	92,020	8,718	90,204	8,717
Anticipated Reimbursements	2,419	230	2,430	230	2,441	236
Estimated Gross Obligations	100,115	9,518	94,450	8,948	92,645	8,953
4. GRAND TOTAL, O&M - Direct Obligation	174,240	16,566	165,638	15,693	161,539	15,611
5. GRAND TOTAL -						
Anticipated Reimbursements	3,631	345	3,647	346	3,664	354
6. GRAND TOTAL, O&M - Gross Obligations	177,871	16,911	169,286	16,038	165,203	15,965

DEPARTMENT OF THE NAVY
FAMILY HOUSING, NAVY
FY 2001 OPERATIONS AND MAINTENANCE
(EXCLUDES LEASED UNITS AND COSTS)
GEOGRAPHIC - FOREIGN

	FY 1999		FY 2000		2001	
A. INVENTORY DATA						
Units in Beginning of Year	7,576		7,275		7,132	
Units at End of Year	7,275		7,132		7,292	
Average Inventory for Year	7,426		7,204		7,212	
Requiring O&M Funding						
a. Conterminous U.S.	0		0		0	
b. U.S. Overseas	0		0		0	
c. Foreign	7,426		7,204		7,212	
d. Worldwide	7,426		7,204		7,212	
	Total ($000)	Unit Cost	Total ($000)	Unit Cost	Total ($000)	Unit Cost
B. FUNDING REQUIREMENT						
1. OPERATIONS						
a. Operating Expenses						
(1) Management	10,132	1,364	10,344	1,436	10,748	1,490
(2) Services	5,513	742	5,469	759	5,496	762
(3) Furnishings	7,500	1,010	7,398	1,027	6,972	967
(4) Miscellaneous	73	10	294	41	310	43
Subtotal Direct Obligations	23,217	3,126	23,504	3,263	23,523	3,262
Anticipated Reimbursements	129	17	129	18	130	18
Estimated Gross Obligations	23,346	3,144	23,633	3,281	23,653	3,280
2. UTILITIES	20,132	2,711	18,677	2,593	17,651	2,448
Anticipated Reimbursements	4,280	576	4,299	597	4,318	599
Estimated Gross Obligations	24,412	3,287	22,976	3,189	21,969	3,046
3. MAINTENANCE						
a. Maintenance & Repair of Dwellings	26,005	3,502	24,495	3,400	24,282	3,367
b. Exterior Utilities	3,514	473	3,310	459	3,281	455
c. Maintenance & Repair of Other Real Property	703	95	662	92	656	91
d. Alterations and Additions	9,137	1,230	8,606	1,195	8,532	1,183
Subtotal Direct Obligations	39,360	5,300	37,073	5,146	36,751	5,096
Anticipated Reimbursements	0	0	0	0	0	0
Estimated Gross Obligations	39,360	5,300	37,073	5,146	36,751	5,096
4. GRAND TOTAL, O&M - Direct Obligation	82,709	11,138	79,254	11,001	77,926	10,805
5. GRAND TOTAL -						
Anticipated Reimbursements	4,408	594	4,428	615	4,448	617
6. GRAND TOTAL, O&M - Gross Obligations	87,117	11,731	83,682	11,616	82,374	11,422

DEPARTMENT OF THE NAVY
FAMILY HOUSING, MARINE CORPS
FY 2001 OPERATIONS AND MAINTENANCE
(EXCLUDES LEASED UNITS AND COSTS)
GEOGRAPHIC - WORLDWIDE

	FY 1999		FY 2000		FY 2001	
A. INVENTORY DATA						
Units in Beginning of Year	25,468		22,780		23,185	
Units at End of Year	22,780		23,185		22,859	
Average Inventory for Year	24,124		22,983		23,022	
Requiring O&M Funding						
a. Conterminous U.S.	21,275		19,986		20,082	
b. U.S. Overseas	2,236		2,331		2,239	
c. Foreign	614		666		701	
d. Worldwide	24,125		22,983		23,022	
	Total ($000)	Unit Cost	Total ($000)	Unit Cost	Total ($000)	Unit Cost
B. FUNDING REQUIREMENT						
1. OPERATIONS						
a. Operating Expenses						
(1) Management	14,220	589	13,634	593	13,273	577
(2) Services	13,394	555	13,615	592	13,991	608
(3) Furnishings	3,452	143	2,914	127	2,997	130
(4) Miscellaneous	0	0	0	0	0	0
Subtotal Direct Obligations	31,066	1,288	30,163	1,312	30,261	1,314
Anticipated Reimbursements	1,400	58	1,000	44	1,000	43
Estimated Gross Obligations	32,466	1,346	31,163	1,356	31,261	1,358
2. UTILITIES	39,826	1,651	36,897	1,605	38,975	1,693
Anticipated Reimbursements	600	25	600	26	600	26
Estimated Gross Obligations	40,426	1,676	37,497	1,632	39,575	1,719
3. MAINTENANCE						
a. Maintenance & Repair of Dwellings	54,305	2,251	49,786	2,166	54,385	2,229
b. Exterior Utilities	563	23	612	27	632	27
c. Maintenance & Repair of Other Real Property	15,672	650	9,844	428	10,393	451
d. Alterations and Additions	275	11	264	11	285	12
Subtotal Direct Obligations	70,815	2,935	60,506	2,633	65,695	2,854
Anticipated Reimbursements	1,000	41	900	39	900	39
Estimated Gross Obligations	71,815	2,977	61,406	2,672	66,595	2,893
4. GRAND TOTAL, O&M - Direct Obligation	141,707	5,874	127,566	5,550	134,931	5,861
5. GRAND TOTAL -						
	3,000	124	2,500	109	2,500	109
6. GRAND TOTAL, O&M - Gross Obligations	144,707	5,998	130,066	5,659	137,431	5,970

DEPARTMENT OF THE NAVY
FAMILY HOUSING, MARINE CORPS
FY 2001 OPERATIONS AND MAINTENANCE
(EXCLUDES LEASED UNITS AND COSTS)
GEOGRAPHIC - CONUS

	FY 1999		FY 2000		FY 2001	
A. INVENTORY DATA						
Units in Beginning of Year	22,817		19,733		20,238	
Units at End of Year	19,733		20,238		19,926	
Average Inventory for Year	21,275		19,986		20,082	
Requiring O&M Funding						
a. Conterminous U.S.	21,275		19,986		20,082	
b. U.S. Overseas	0		0		0	
c. Foreign	0		0		0	
d. Worldwide	21,275		19,986		20,082	
	Total ($000)	Unit Cost	Total ($000)	Unit Cost	Total ($000)	Unit Cost
B. FUNDING REQUIREMENT						
1. OPERATIONS						
a. Operating Expenses						
(1) Management	12,404	583	11,959	598	11,729	584
(2) Services	11,520	541	11,597	580	11,827	589
(3) Furnishings	2,221	104	1,545	77	1,572	78
(4) Miscellaneous	0	0	0	0	0	0
Subtotal Direct Obligations	26,145	1,229	25,101	1,256	25,128	1,251
Anticipated Reimbursements	1,338	63	937	47	937	47
Estimated Gross Obligations	27,483	1,292	26,038	1,303	26,065	1,298
2. UTILITIES	34,472	1,620	31,411	1,572	34,009	1,694
Anticipated Reimbursements	600	28	600	30	600	30
Estimated Gross Obligations	35,072	1,649	32,011	1,602	34,609	1,723
3. MAINTENANCE						
a. Maintenance & Repair of Dwellings	40,915	1,923	35,594	1,781	42,256	2,104
b. Exterior Utilities	563	26	612	31	632	31
c. Maintenance & Repair of Other Real Property	8,953	421	8,341	417	8,960	446
d. Alterations and Additions	275	13	214	11	236	12
Subtotal Direct Obligations	50,706	2,383	44,761	2,240	52,084	2,594
Anticipated Reimbursements	949	45	833	42	832	41
Estimated Gross Obligations	51,655	2,428	45,594	2,281	52,916	2,635
4. GRAND TOTAL, O&M - Direct Obligation	111,323	5,233	101,273	5,067	111,221	5,538
5. GRAND TOTAL -						
Anticipated Reimbursements	2,887	136	2,370	119	2,369	118
6. GRAND TOTAL, O&M - Gross Obligations	114,210	5,368	103,643	5,186	113,590	5,656

DEPARTMENT OF THE NAVY
FAMILY HOUSING, MARINE CORPS
FY 2001 OPERATIONS AND MAINTENANCE
(EXCLUDES LEASED UNITS AND COSTS)
GEOGRAPHIC - OVERSEAS

	FY 1999		FY 2000		FY 2001	
A. INVENTORY DATA						
Units in Beginning of Year	2,090		2,381		2,281	
Units at End of Year	2,381		2,281		2,197	
Average Inventory for Year	2,236		2,331		2,239	
Requiring O&M Funding						
a. Conterminous U.S.	0		0		0	
b. U.S. Overseas	2,236		2,331		2,239	
c. Foreign	0		0		0	
d. Worldwide	2,236		2,331		2,239	
	Total ($000)	Unit Cost	Total ($000)	Unit Cost	Total ($000)	Unit Cost
B. FUNDING REQUIREMENT						
1. OPERATIONS						
a. Operating Expenses						
(1) Management	1,331	595	1,183	508	1,008	450
(2) Services	1,456	651	1,500	644	1,518	678
(3) Furnishings	816	365	948	407	940	420
(4) Miscellaneous	0	0	0	0	0	0
Subtotal Direct Obligations	3,603	1,611	3,631	1,558	3,466	1,548
Anticipated Reimbursements	45	20	45	19	45	20
Estimated Gross Obligations	3,648	1,631	3,676	1,577	3,511	1,568
2. UTILITIES	4,797	2,145	4,920	2,111	4,330	1,934
Anticipated Reimbursements	0	0	0	0	0	0
Estimated Gross Obligations	4,797	2,145	4,920	2,111	4,330	1,934
3. MAINTENANCE						
a. Maintenance & Repair of Dwellings	11,984	5,360	12,764	5,476	10,524	4,700
b. Exterior Utilities	0	0	0	0	0	0
c. Maintenance & Repair of Other Real Property	5,664	2,980	188	72	313	140
d. Alterations and Additions	0	0	50	21	49	22
Subtotal Direct Obligations	18,648	8,340	12,982	5,569	10,886	4,862
Anticipated Reimbursements	40	18	40	17	40	18
Estimated Gross Obligations	18,688	8,358	13,022	5,585	10,926	4,880
4. GRAND TOTAL, O&M - Direct Obligation	27,048	12,097	21,533	9,238	18,682	8,344
5. GRAND TOTAL -						
Anticipated Reimbursements	85	38	85	36	85	38
6. GRAND TOTAL, O&M - Gross Obligations	27,133	12,135	21,618	9,274	18,767	8,382

DEPARTMENT OF THE NAVY
FAMILY HOUSING, MARINE CORPS
FY 2001 OPERATIONS AND MAINTENANCE
(EXCLUDES LEASED UNITS AND COSTS)
GEOGRAPHIC - FOREIGN

	FY 1999		FY 2000		FY 2001	
A. INVENTORY DATA						
Units in Beginning of Year	561		666		666	
Units at End of Year	666		666		736	
Average Inventory for Year	614		666		701	
Requiring O&M Funding						
a. Conterminous U.S.	0		0		0	
b. U.S. Overseas	0		0		0	
c. Foreign	614		666		701	
d. Worldwide	614		666		701	
	Total ($000)	Unit Cost	Total ($000)	Unit Cost	Total ($000)	Unit Cost
B. FUNDING REQUIREMENT						
1. OPERATIONS						
a. Operating Expenses						
(1) Management	485	790	492	739	536	765
(2) Services	418	681	518	778	646	922
(3) Furnishings	415	676	421	632	485	692
(4) Miscellaneous	0	0	0	0	0	0
Subtotal Direct Obligations	1,318	2,147	1,431	2,149	1,667	2,378
Anticipated Reimbursements	17	28	18	27	18	26
Estimated Gross Obligations	1,335	2,174	1,449	2,176	1,685	2,404
2. UTILITIES	557	907	566	850	636	907
Anticipated Reimbursements	0	0	0	0	0	0
Estimated Gross Obligations	557	907	566	850	636	907
3. MAINTENANCE						
a. Maintenance & Repair of Dwellings	1,406	2,290	1,428	2,144	1,605	2,290
b. Exterior Utilities	0	0	0	0	0	0
c. Maintenance & Repair of Other Real Property	55	90	1,335	2,005	1,120	1,598
d. Alterations and Additions	0	0	0	0	0	0
Subtotal Direct Obligations	1,461	2,379	2,763	4,149	2,725	3,887
Anticipated Reimbursements	11	18	27	41	28	40
Estimated Gross Obligations	1,472	2,397	2,790	4,189	2,753	3,927
4. GRAND TOTAL, O&M - Direct Obligation	3,336	5,433	4,760	7,147	5,028	7,173
5. GRAND TOTAL -						
Anticipated Reimbursements	28	46	45	68	46	66
6. GRAND TOTAL, O&M - Gross Obligations	3,364	5,479	4,805	7,215	5,074	7,238

DEPARTMENT OF THE NAVY
REAL PROPERTY ACTIVITIES
FY 2001 BUDGET
OPERATION AND MAINTENANCE COSTS
(HISTORIC HOUSING COSTS)
($000)
NAVY FAMILY HOUSING

HISTORIC HOUSING COSTS	FY 2000	FY 2001
A. Number of Units	544	544
B. Maintenance	5,384.7	5,276.2
C. Repairs	3,691.7	2,793.1
D. Improvements	-	-
E. Grand Total	9,076.4	8,069.3

REAL PROPERTY MAINTENANCE ACTIVITIES
FY 2001 OSD BUDGET
OPERATION & MAINTENANCE COSTS
Real Property Maintenance and Minor Construction Projects
(HISTORICAL BUILDINGS COSTS)
US MARINE CORPS

PART I: HISTORIC HOUSING COSTS

		FY 2000	FY 2001
A.	No. of Units:	0	0
B.	Improvements:	0	0
C.	Maintenance and Repair:	0	0
D.	Historic Preservation:	(0)*	0
A.	No. of Units:		0
B.	Improvements:	0	0
C.	Maintenance and Repair:	0	0
D.	Historic Preservation:	0	(0)*

PART II: ALL OTHER HISTORIC BUILDINGS

A. No. of Facilities:
B. Minor Construction
C. Major Repair (over $25,000.00):
D. Recurring Maintenance ($25,000 or under):

*Historic preservation costs are a subset of the total maintenance and repair costs.

DEPARTMENT OF THE NAVY
FAMILY HOUSING - 2001 BUDGET ESTIMATE
JUSTIFICATION
NAVY

OPERATING EXPENSES

FY 2000	FY 2001
$149,441,000	$150,729,000

The FY 2001 estimated program represents the Navy Family Housing requirements using Office of Management and Budget inflation factors and foreign currency exchange ranges. Reconciliation of estimates is provided for each program element as follows:

MANAGEMENT

FY 2000	FY 2001
$68,957,000	$71,641,000

Reconciliation of Increases and Decreases

		($M)
1.	FY 2000 President's Budget Request	69.2
2.	FY 2000 Appropriated Amount	68.9
3.	FY 2000 Current Estimate	68.9
4.	Price Growth	2.1
	a. civilian personnel compensation (1.8)	
	b. inflation (.3)	
5.	Program Decreases	1.0
	a. divestiture (-1.0)	
6.	Program Increases	1.6
	a. inventory increase .7	
	b. PPV initiatives .9	
7.	FY 2001 President's Budget Request	71.6

RATIONALE FOR CHANGES IN THE MANAGEMENT ACCOUNT. Pricing adjustments are proposed in the Management Account for pay raises and inflation increases. Program increase is for new homes coming on line. Program decrease reflects inventory losses due to divestitures.

DEPARTMENT OF THE NAVY
FAMILY HOUSING - 2001 BUDGET ESTIMATE
JUSTIFICATION
NAVY

SERVICES

FY 2000	FY 2001
$49,719,000	$49,962,000

Reconciliation of Increases and Decreases

		($M)
1.	FY 2000 President's Budget Request	49.9
2.	FY 2000 Appropriated Amount	49.7
3.	FY 2000 Current Estimate	49.7
4.	Price Growth	.6
	a. Working Capital Fund	(.4)
	b. inflation	(.2)
5.	Program Decreases	-0.9
	a. divestiture	(-0.9)
6.	Program Increases	.5
	a. inventory increase	(.5)
7.	FY 2001 President's Budget Request	49.9

RATIONALE FOR CHANGES IN THE SERVICES ACCOUNT. Pricing adjustments are proposed in the Services Account for Working Capital Fund and inflation increases. Program increase is for new homes coming on line. Program decrease reflects inventory losses due to divestitures.

FURNISHINGS

FY 2000	FY 2001
$29,590,000	$27,887,000

Reconciliation of Increases and Decreases

		($M)
1.	FY 2000 President's Budget Request	29.7
2.	FY 2000 Appropriated Amount	29.6
3.	FY 2000 Current Estimate	29.6
4.	Price Growth	.8
	a. civilian personnel compensation	(.3)
	b. Working Capital Fund	(.2)
	c. inflation	(.3)
5.	Program Decreases	-2.8
	a. divestiture	(- .4)
	b. management initiatives	(-2.4)
6.	Program Increases	.3
	a. inventory increase	(.3)
7.	FY 2001 President's Budget Request	27.9

RATIONALE FOR CHANGES IN THE FURNISHINGS ACCOUNT. Pricing adjustments are proposed in the Furnishings Account for pay raises, Working Capital Fund, and inflation increases. Program increase is for new homes coming on line. Program decrease reflects inventory losses due to divestitures and to management initiatives. An example of a management initiative includes a reduced requqirement for loaner furnishings program and furniture and equipment replacement programs.

DEPARTMENT OF THE NAVY
FAMILY HOUSING - 2001 BUDGET ESTIMATE
JUSTIFICATION
NAVY

MISCELLANEOUS

FY 2000	FY 2001
$ 1,175,000	$ 1,239,000

Reconciliation of Increases and Decreases

		($M)
1. FY 2000 President's Budget Request		1.2
2. FY 2000 Appropriated Amount		1.2
3. FY 2000 Current Estimate		1.2
4. Price adjustments		.0
a. inflations	(.0)	
5. Program Increases		.0
a. inventory increase	(.0)	
5. FY 2001 President's Budget Request		1.2

RATIONALE FOR CHANGES IN THE MISCELLANEOUS ACCOUNT. Program increase reflects an increase in Navy families occupying Coast Guard housing at South Weymouth, MA.

UTILITIES

FY 2000	FY 2001
$133,407,000	$126,082,000

Reconciliation of Increases and Decreases

		($M)
1. FY 2000 President's Budget Request		133.9
2. FY 2000 Appropriated Amount		133.4
3. FY 2000 Current Estimate		133.4
4. Price Adjustments		1.4
a. Working Capital Fund	(.6)	
b. inflation	(.8)	
5. Program Decreases		-10.0
a. reduced consumption	(-2.0)	
b. divestiture	(-1.9)	
c. management initiatives	(-6.1)	
6. Program Increases		1.3
a. inventory increase	(1.3)	
7 FY 2001 President's Budget Request		126.1

RATIONALE FOR CHANGES IN THE UTILITIES ACCOUNT. Pricing adjustments are proposed in the Utilities Account for Working Capital Fund and inflation. Program increase is for new homes coming on line. The program decreases are due to energy conservation achieved through provision of energy efficient appliances and HVAC systems, energy conservation measures incorporated in new construction and revitalization projects, aggressive occupant energy conservation awareness, and inventory losses due to divestitures and to management initiatives. Installation commanders continue to lean forward to support innovative ideas for energy conservation.

DEPARTMENT OF THE NAVY
FAMILY HOUSING - 2001 BUDGET ESTIMATE
JUSTIFICATION
NAVY

MAINTENANCE

FY 2000	FY 2001
$331,008,000	$328,135,000

Reconciliation of Increases and Decreases

		($M)
1. FY 2000 President's Budget Request		336.2
2. FY 2000 Appropriated Amount		334.9
3. FY 2000 Current Estimate		331.0
4. Price Growth		5.8
a. Working Capital Fund	(2.4)	
b. inflation	(3.4)	
5. Program Decreases		-11.0
a. divestiture	(-5.0)	
b. management initiatives	(-6.0)	
6. Program Increases		2.3
a. inventory increase	(2.3)	
7. FY 2001 President's Budget Request		328.1

RATIONALE FOR CHANGES IN THE MAINTENANCE ACCOUNT. Pricing adjustments are proposed in the Maintenance Account for Working Capital Fund and inflation. Program increase is for new homes coming on line. Program decrease reflects inventory losses due to divestitures and to management initiatives. An example of a management initiative includes the development of a performance based contract to replace firm-fixed price maintenance service contracts.

REIMBURSABLE AUTHORITY

FY 2000	FY 2001
$18,449,000	$18,532,000

Reconciliation of Increases and Decreases

		($M)
1. FY 2000 President's Budget Request		18.4
2. FY 2000 Appropriated Amount		18.4
3. FY 2000 Current Estimate		18.4
4. Pricing adjustments		.3
a. inflation	(.3)	
5. Program decreases		-.4
a. divestiture	(-.3)	
b. management initiatives	(-.1)	
6. Program Increases		.2
a. inventory increase	(.2)	
5. FY 2001 President's Budget Request		18.5

RATIONALE FOR CHANGES IN THE REIMBURSABLE ACCOUNT. Funding adjustments are proposed in the Family Housing Reimbursable Account for inflation. Program increase is for new homes coming on line. Program decrease reflects inventory losses due to divestitures and management initiatives.

DEPARTMENT OF THE NAVY
FAMILY HOUSING - 2001 BUDGET ESTIMATE
JUSTIFICATION

MARINE CORPS

OPERATING EXPENSES

FY 2000	FY 2001
$30,163,000	$30,261,000

The FY 2001 estimated program represents the Marine Corps family housing requirements using Office of the Management and Budget inflation factors and foreign currency exchange rates. Reconciliation of estimates is provided for each program element as follows:

MANAGEMENT

FY 2000	FY 2001
$13,634,000	$13,273,000

Reconciliation of Increases and Decreases

		($M)
1. FY 2000 President's Budget Request		13.7
2. FY 2000 Appropriated Amount		13.6
3. FY 2000 Current Estimate		13.6
4. Price Growth		.2
a. Inflation	(.2)	
5. Program Growth		.1
a. New units coming on line	(.1)	
6. Program Decrease		(-.6)
a. Inventory reduction	(-.6)	
7. FY 2001 President's Budget Request		13.3

RATIONALE FOR CHANGES IN THE MANAGEMENT ACCOUNT.

The Management Account funding adjustments reflect pricing and program increases associated with new and existing units. Funding provides direct and indirect expenses in managing the family housing program such as personnel payroll, pay increases, increased housing referral services, community liaison, maintenance and equipment support for computer initiatives, training, and travel. Pricing adjustments reflect administrative costs, which are driven by the increase in square footage. These ancillary costs increased for support to base offices outside Family Housing for purchasing, contracting, regional automated service centers, field headquarters offices and PWCs, increased vehicles leases, and ADP support. Program decreases reflect reduced management support for reduction of demolishing units, and units off line due to revitalizations.

DEPARTMENT OF THE NAVY
FAMILY HOUSING - 2000 BUDGET ESTIMATE
JUSTIFICATION

MARINE CORPS

SERVICES

	FY 2000	FY 2001
	$13,615,000	$13,991,000

Reconciliation of Increases and Decreases		($M)
1. FY 2000 President's Budget Request		13.7
2. FY 2000 Appropriated Amount		13.6
3. FY 2000 Current Estimate		13.6
4. Price Growth		.2
a. Inflation	(.2)	
5. Program Growth		.3
a. Contractual increases for new units Coming on line	(.3)	
6. Program Decrease		(-.1)
a. Inventory reduction	(-.1)	
7. FY 2001 President's Budget Request		14.0

RATIONALE FOR CHANGES IN THE SERVICES ACCOUNT.

The Services Account reflects an increase using the approved inflationary factors and costs associated with existing and newly acquired unit contracts. Funding increases also include indirect support costs for fire and police protection, and costs associated with providing pest control, street cleaning, snow removal, refuse collection, trash disposal for newly acquired units, newly enacted city, county or state ordinances. Program decrease reflects reduced services for inventory reduction due to the demolition of units, and units off line due to revitalizations.

FURNISHINGS

	FY 2000	FY 2001
	$2,914,000	$2,997,000

Reconciliation of Increases and Decreases		($M)
1. FY 2000 President's Budget Request		2.9
2. FY 2000 Appropriated Amount		2.9
3. FY 2000 Current Estimate		2.9
4. Program Increase		.1
a. Inventory Increase	(.1)	
5. FY 2001 President's Budget Request		3.0

RATIONALE FOR CHANGES IN THE FURNISHINGS ACCOUNT.

The Furnishings Account request reflects a program funding level for new units coming on line and decreased services for inventory reduction for units off line. The funds requested will enable a consistent inventory level.

FAMILY HOUSING - 2000 BUDGET ESTIMATE
JUSTIFICATION

MARINE CORPS

UTILITIES

			FY 2000 $36,897,000	FY 2001 $38,975,000
Reconciliation of Increases and Decreases				
				($M)
1. FY 2000 President's Budget Request				37.0
2. FY 2000 Appropriated Amount				36.9
3 FY 2000 Current Estimate				36.9
4. Price Growth				.8
a. Inflation		(.5)		
b. Rate increase		(.3)		
5. Program Growth				1.7
a. New units coming on line		(1.7)		
6. Program Decrease				(-.4)
a. Inventory reduction		(-.2)		
b. Energy conservation	(-.1)			
c. Reduced consumption		(-.1)		
7. FY 2000 President's Budget Request				39.0

RATIONALE FOR CHANGES IN THE UTILITIES ACCOUNT.

The Utilities Account proposes a funding adjustment for inflation, base operations and price increases for existing units. Program and price increases and decreases reflect cost adjustments associated with providing electricity, gas, water, and sewage for newly acquired and renovated units. Program increases are due to costs associated with new units coming on line. Program decreases reflect reduced usage for inventory reduction due to privatized units, demolished units, units off line due to revitalizations, reduced consumption in accordance to Executive Order 12902 of 30% by 2005 and energy conservation. The Marine Corps continues to stress energy conservation through provision of energy efficient appliances and HVAC systems, energy conservation measures incorporated in new construction and revitalization projects, and aggressive occupant energy conservation awareness programs.

DEPARTMENT OF THE NAVY
FAMILY HOUSING - 2000 BUDGET ESTIMATE
JUSTIFICATION

MARINE CORPS

MAINTENANCE EXPENSES

		FY 2000 $60,506,000	FY 2001 $65,695,000
Reconciliation of Increases and Decreases			
			($M)
1. FY 2000 President's Budget Request			61.4
2. FY 2000 Appropriated Amount			60.5
3. FY 1999 Current Estimate			60.5
4 Price Growth			.9
a. Inflation	(.9)		
5. Program Growth			7.0
a. New units coming on line	(3.0)		
b. Minor and major repair backlog	(4.0)		
6. Program Decrease			(-2.7)
a. Inventory reduction	(-2.0)		
b. Major and minor repair backlog	(-.7)		
7. FY 2001 President's Budget Request			65.7

RATIONALE FOR CHANGES IN THE MAINTENANCE ACCOUNT.

Funding estimate proposed in the Maintenance Account provides for price and program increases associated with inflation required to maintain new and existing family housing units. Program increases are costs associated with maintenance service contracts to allow for maintaining the basic level of occupant service calls, change of occupancy, and routine maintenance. Increased funding is required for annual maintenance contracts, minor repair projects (less than $15K), self-help materials, and energy conservation projects. This funding profile is necessary to prevent deterioration of our housing assets resulting in the degradation of the quality of life for our Marine families, the closure of units and greater financial outlays in the out-years. Program decrease reflects reductions of maintenance requirements for reduced funding towards backlog of repairs to the existing inventory, maintenance service contracts for inventory reduction due to the demolishing of units, and units off line due to revitalizations.

DEPARTMENT OF THE NAVY
FAMILY HOUSING - 2001 BUDGET ESTIMATE
JUSTIFICATION

MARINE CORPS

REIMBURSEMENTS

	FY 2000	FY 2001
	$2,500,000	$2,500,000

Reconciliation of Increases and Decreases

	($M)
1. FY 2000 President's Budget Request	2.5
2. FY 2000 Appropriated Amount	2.5
3. FY 2000 Current Estimate	2.5
4. FY 2000 President's Budget Request	2.5

RATIONALE FOR CHANGES IN THE REIMBURSEMENTS ACCOUNT.

The FY 2000 estimate reflects stable requirements for collections.

1. COMPONENT NAVY/MARINE CORPS	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES		
4. PROJECT TITLE GENERAL AND FLAG OFFICER QUARTERS		5. PROJECT NUMBER

DEPARTMENT OF THE NAVY
FY 2001 BUDGET
GENERAL/FLAG OFFICERS QUARTERS (GFOQs)
WHERE ANTICIPATED MAINTENANCE AND REPAIR
WILL EXCEED $25,000 PER UNIT

This information is provided in accordance with Section 128 of the FY 2000 Military Construction Appropriations Act, Public Law 106-52. The information provides the details for those GFOQs where the maintenance and repair obligations in FY 2001 are expected to exceed $25,000 per unit. Operations include the prorated costs for management of family housing, services such as fire and police protection, refuse collection, entomology, snow removal, and furnishings. Utilities include applicable costs for energy (electricity, gas, fuel oil, steam, and geothermal), water and sewerage. Maintenance and repairs include recurring work such as service calls, preventative maintenance, routine change of occupancy work, and major repairs. This includes all operation and maintenance costs to the dwelling unit, appurtenant structures and other related area and facilities intended for the use of the general or flag officer. In those quarters designated as historical, major work is coordinated with the appropriate State Historic Preservation office. These quarters are identified as National Historic Register (NHR) or eligible to be on the National Historic Register (ELIG) or are in an Historical Thematic District (HTD).

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION
VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES

4. PROJECT TITLE	5. PROJECT NUMBER
GENERAL AND FLAG OFFICER QUARTERS	

STATE/ INSTALLATION	QTRS ID	OPS	UTIL	MAINT & RPR	HIST PRES	TOTAL	IMPROVS
INSIDE THE UNITED STATES							
CALIFORNIA							
NAWS CHINA LAKE	1 ENTERPRISE	3,300	2,400	47,400	(0)	53,100	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy includes: partially painting the interior and exterior, a partial replacement of the carpet, and refinishing the parquet floors in the living room and dining rooms. Major repairs include the replacement of 48 windows and frames, and replacement of the irrigation system. (Year built: 1944; NSF: 2,750; ELIG)

CNB SAN DIEGO	NASNI B	3,900	4,200	54,000	(2,500)	62,100	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes: painting the living and dining rooms, hallway, and kitchen. Major repairs include: the replacement of the dining room hardwood flooring and interior doors, and the replacement of the gutters, rafters and soffits.(Year built: 1919; NSF: 2,641)

CNB SAN DIEGO	NASNI V	3,900	5,200	35,300	(0)	44,400	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes: completely painting the interior; complete replacement of the carpet; and, the replacement of the kitchen, bath, and laundry room flooring. (Year built: 1919; NSF: 5,552)

1. COMPONENT		2. DATE
NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	

3. INSTALLATION AND LOCATION
VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES

4. PROJECT TITLE	5. PROJECT NUMBER
GENERAL AND FLAG OFFICER QUARTERS	

STATE/ INSTALLATION	QTRS ID	OPS	UTIL	MAINT & RPR	HIST PRES	TOTAL	IMPROVS
			INSIDE THE UNITED STATES				
DISTRICT OF COLUMBIA							
NSA WASHINGTON	WNY B	10,800	7,600	45,000	(0)	63,400	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy includes: minor repairs to structural, mechanical, plumbing; and electrical systems; cleaning the ducts; and, partial painting. Major repairs include replacement of the 1st floor base, and repairing the structural framing above the crawl space. (Year built: 1802; NSF: 4,459; HTD)

NSA WASHINGTON	WNY G	9,900	4,100	79,800	(0)	93,800	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy includes: minor repairs to structural, mechanical, plumbing, and electrical systems; cleaning the ducts; and, partial interior painting. Major repairs include repair of the interior bowed walls; replacement of the lower rear roof; replacement of the front roof; and, painting the upper roof. (Year built: 1880; NSF: 3,690; HTD)

NSA WASHINGTON	WNY L-1	15,000	4,900	53,500	(0)	73,400	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy includes: minor repairs to the structural, mechanical and electrical systems; cleaning the ducts; partially painting the interior; and, partial replacement of the wallpaper. Major repairs include: stripping the doors, frames and trim throughout, and the replacement of the hardware and gypsum board in the vestibule. (Year built: 1869; NSF: 2,320; HTD)

NSA WASHINGTON	WNY N	15,800	4,700	83,200	(0)	103,700	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes: minor repairs to the structural, mechanical, and electrical systems; cleaning the ducts; partially painting the interior; and, replacement of the carpet and vinyl flooring. Major repairs include: renovations to the bathroom; repairing the plaster walls and ceilings; and, stripping and refinishing the wood baseboards. (Year built: 1857; NSF: 2,720; HTD)

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES		
4. PROJECT TITLE GENERAL AND FLAG OFFICER QUARTERS		5. PROJECT NUMBER

STATE/ INSTALLATION	QTRS ID	OPS	UTIL	MAINT & RPR	HIST PRES	TOTAL	IMPROVS
			INSIDE THE UNITED STATES				
NSA WASHINGTON	WNY V	13,700	4,500	34,100	(0)	52,300	0
Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy includes: minor repairs to structural, mechanical, plumbing and electrical systems; cleaning the ducts; partial painting; and, replacement of the vinyl flooring. Major repairs include: partial roof repairs. (Year built: 1937; NSF: 5,373; HTD)							
NSA WASHINGTON	BETHESDA A	14,400	5,500	71,000	(0)	90,900	0
Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance, service calls and minor repairs. Major repairs include: renovating the bathrooms; replacement of the retaining wall; stripping and cleaning the copper dormers; and, replacement of the awnings. (Year built: 1910; NSF: 3,949; HTD)							
NSA WASHINGTON	BETHESDA B	14,400	4,700	66,600	(0)	85,700	0
Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes: minor repairs to plumbing, electrical and structural systems; cleaning the ducts; partially painting the interior; and replacement of the carpet. Major repairs include: bathroom renovations and, refinishing the doors/frames and wood floor/base. (Year built: 1941; NSF: 3,805; NHR)							
NSA WASHINGTON	NOBSY D	14,400	8,200	47,900	(0)	70,500	0
Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes: minor repairs to the plumbing, electrical, and structural systems; cleaning the ducts; and, partially painting the interior. Major repairs include waterproofing basement. (Year built: 1900; NSF: 2,450							

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES		
4. PROJECT TITLE GENERAL AND FLAG OFFICER QUARTERS		5. PROJECT NUMBER

STATE/ INSTALLATION	QTRS ID	OPS	UTIL	MAINT & RPR	HIST PRES	TOTAL	IMPROVS
			INSIDE THE UNITED STATES				
NSA POTOMAC ANNEX WASHINGTON	BB	12,700	5,600	49,900	(0)	68,200	0
Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy includes: minor repairs to structural, mechanical, plumbing, and electrical systems; cleaning the ducts; and, partial painting. Major repairs include repairing the garage roof. (Year built: 1910; NSF: 3,949; HTD)							
FLORIDA							
NAVSTA 541 MAYPORT	OZBOURN	3,300	3,300	35,800	(0)	42,400	0
Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy includes: minor repairs; complete interior painting; replacement of the carpet and vinyl flooring; and, replacement of the bathroom accessories and tiles. (Year built: 1963; NSF: 2,100; HTD)							
NAVSTA 547 MAYPORT	OZBOURN	2,100	3,400	48,500	(0)	54,000	0
Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes: completely painting the interior; replacement of cracked and broken bathroom accessories and tiles; replacement of the carpet in the living room, hall, three bedrooms and family room; and, replacement of the vinyl floors in guest bath with ceramic tile. Major repairs include: replacement of the drain/sewer lateral lines; partial paving; and, repairing the sidewalk at porch, side of home and driveway. (Year built: 1963; NSF 2,014)							
NTC PENSACOLA	A	6,300	7,200	83,500	(0)	97,000	0
Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes replacement of the carpeting in stairwells, and interior painting of living room, dining room and kitchen. Major repairs include replace guard rails on the 2nd and 4th floor landings, and replacement of the roof. (Year built: 1874; NSF: 7,562; NHR)							

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES		
4. PROJECT TITLE GENERAL AND FLAG OFFICER QUARTERS		5. PROJECT NUMBER

STATE/ INSTALLATION	QTRS ID	OPS	UTIL	MAINT & RPR	HIST PRES	TOTAL	IMPROVS
			INSIDE THE UNITED STATES				
HAWAII							
COMNAVREG PEARL HARBOR	A HALE ALII	13,000	13,400	43,000	(0)	69,400	0
Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance, service calls, exterior maintenance and repair and landscaping repairs. Change of occupancy maintenance includes the replacement of the carpet. (Year built: 1914; NSF: 5,588; NHR)							
COMNAVREG PEARL HARBOR	23 MAKALAPA	12,800	4,400	42,000	(0)	59,200	0
Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance, service calls and exterior painting. Change of occupancy maintenance includes completely painting the interior. (Year built: 1941; NSF: 2,741; ELIG)							
COMNAVREG PEARL HARBOR	25 MAKALAPA	7,700	6,200	42,000	(0)	55,900	0
Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance, service calls and exterior painting. Change of occupancy maintenance includes the replacement of the carpet. (Year built: 1941; NSF: 2,861; ELIG)							
COMNAVREG PEARL HARBOR	28 MAKALAPA	10,800	4,400	42,000	(0)	57,200	0
Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance, service calls and exterior painting. Change of occupancy maintenance includes completely painting the interior. (Year built: 1941; NSF: 2,674; ELIG)							

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES		
4. PROJECT TITLE GENERAL AND FLAG OFFICER QUARTERS		5. PROJECT NUMBER

STATE/ INSTALLATION	QTRS ID	OPS	UTIL	MAINT & RPR	HIST PRES	TOTAL	IMPROVS
			INSIDE THE UNITED STATES				
COMNAVREG PEARL HARBOR	29 MAKALAPA	12,800	6,400	379,900	(0)	399,000	0

Operations consist of management, services, and furnishings. Maintenance and repairs include: routine recurring maintenance; service calls; exterior painting; and, change of occupancy maintenance. Major repairs include: renovation of the kitchen and bathrooms by replacing the cabinets, counters, walls, ceilings, floors, doors, water closets, lavatories, sinks, shower, tubs and miscellaneous plumbing fixtures; replacement of the copper piping and associated valves; replacement of the window A/C with a split system; and, correcting the electrical deficiencies by replacing outlets, fixtures, and the existing panel board. (Year built: 1941; NSF: 3,998; ELIG)

COMNAVREG PEARL HARBOR	33 MAKALAPA	12,800	4,500	337,700	(0)	355,000	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance; service calls; exterior painting; and, change of occupancy maintenance. Major repairs include: renovating the kitchen and bathrooms by replacing the cabinets, counters, walls, ceilings, floors, doors, water closets, lavatories, sinks, showers, tubs and miscellaneous plumbing fixtures; replacement of the copper piping and associated valves; replacement of the window A/C with a split system; and, correcting the electrical deficiencies by replacing outlets, fixtures and the existing panel board. (Year built: 1941; NSF: 2,773; ELIG)

COMNAVREG PEARL HARBOR	35 MAKALAPA	12,800	4,400	326,400	(0)	343,600	0

Operations consist of management, services, and furnishings. Maintenance and repairs include: routine recurring maintenance; service calls; exterior painting; and, change of occupancy maintenance. Major repairs include: renovating the kitchen and bathrooms by replacing cabinets, counters, walls, ceilings, floors, doors, water closets, lavatories, sinks, showers, tubs and miscellaneous plumbing fixtures; replacement of the copper piping and associated valves; replacement of the window A/C with a split system; and, correcting the electrical deficiencies by replacing outlets, fixtures and the existing panel board. (Year built: 1941; NSF: 2,653; ELIG)

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES		
4. PROJECT TITLE GENERAL AND FLAG OFFICER QUARTERS		5. PROJECT NUMBER

STATE/ INSTALLATION	QTRS ID	OPS	UTIL	MAINT & RPR	HIST PRES	TOTAL	IMPROVS
			INSIDE THE UNITED STATES				
COMNAVREG PEARL HARBOR	39 MAKALAPA	12,800	4,400	42,000	(0)	59,200	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance; service calls; and, exterior painting. Change of occupancy maintenance includes interior painting and replacement of the carpet. (Year built: 1941; NSF: 2,653; ELIG)

ILLINOIS

NTC GREAT LAKES	AA	14,500	11,300	154,200	(0)	180,000	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes: replacement of the carpet in the living room and hall; removing the carpet in the dining room and restoring/refinishing the wood floors; replacement of the electrical system; repairing the interior/exterior window frames and repairing/replacing the wood molding; and, replacement of the interior light fixtures and bathroom accessories. Major repairs include: replacement of the electrical system; replacement of the lintel angles; replacement of the laundry area roof; and, repairing the yard drainage system. (Year built: 1911; NSF: 8,923; NHR)

LOUISIANA

NSA NEW ORLEANS	A	4,000	6,500	112,200	(0)	122,700	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy work includes minor repairs. Major repairs include: replacement of all worn carpeting on the 1st floor; refinishing all wood flooring on the 1st and 2nd floors; replacement of the acoustical tiles; replacement of the damaged ceramic wainscot; and, removing excess paint from all wood. (Year built: 1844; NSF: 6,483; ELIG)

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES		
4. PROJECT TITLE GENERAL AND FLAG OFFICER QUARTERS		5. PROJECT NUMBER

STATE/ INSTALLATION	QTRS ID	OPS	UTIL	MAINT & RPR	HIST PRES	TOTAL	IMPROVS
			INSIDE THE UNITED STATES				
NSA NEW ORLEANS	D	5,000	6,500	36,000	(0)	47,500	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy work includes: replacement of carpeting in living room, downstairs hallway and four up-stairs bedrooms; repairing and refinishing the hardwood floors in dining room; repairing the 2nd floor wood deck; repairing/replacing the utility room plumbing; and, touch-up interior painting. (Year built: 1907; NSF: 3,205; ELIG)

NSA NEW ORLEANS	E	5,000	6,500	90,900	(0)	102,400	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy work includes: minor repairs; replacement of the carpet on the stairs and study; replacing the lavatory, hot water heater and wash tub; and, interior painting. Major repairs include: refinishing the hardwood floors; stripping and refinishing the baseboards throughout; and, replacing the porch roof. (Year built: 1907; NSF: 4,063; ELIG)

MARYLAND							
NAS PATUXENT RIVER	A	3,200	7,000	34,400	(0)	44,600	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy work includes interior painting. (Year built: 1722; NSF: 7,504; ELIG)

NEVADA							
NAS FALLON MAY RANCH		4,300	5,300	65,200	(0)	74,800	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy work includes: interior painting; replacing the ceiling fans; repairing the shower enclosures; and, refinishing the tubs in both bathrooms. Major repairs include: replacing antiquated plumbing; cleaning the gutters and chimney; replacing the garage door; and, replacing the roof. (Year built: 1951; NSF: 2,120)

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES		
4. PROJECT TITLE GENERAL AND FLAG OFFICER QUARTERS		5. PROJECT NUMBER

STATE/ INSTALLATION	QTRS ID	OPS	UTIL	MAINT & RPR	HIST PRES	TOTAL	IMPROVS
INSIDE THE UNITED STATES							
PENNSYLVANIA							
NAVICP MECHANICSBURG	A	2,800	3,900	45,200	(0)	51,900	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy work includes minor repairs. Major repairs include: replacing the vinyl siding; removing the asbestos; and, correcting interior structural deficiencies. (Year built: 1947; NSF: 1,992)

RHODE ISLAND							
NAVSTA NEWPORT	A-CHI	5,400	10,700	46,900	(0)	63,000	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance, service calls and minor repairs. Change of occupancy includes replacement of hardwood flooring. Major repairs include: replacement of the main electrical distribution panel and two lighting/appliance panels; and, repairing the front entrance portico/roof and columns. (Year built 1920; NSF 6,400 ELIG)

TENNESSEE							
NSA MID-SOUTH	551 ATTU	1,700	2,000	31,600	(0)	35,300	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy includes: minor repairs; partial interior painting; replacement of the kitchen floor; replacement of the shower doors; and, touch up exterior painting. Major repairs include: replacement of the roof. (Year built: 1943; NSF 3,066)

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES		
4. PROJECT TITLE GENERAL AND FLAG OFFICER QUARTERS		5. PROJECT NUMBER

STATE/ INSTALLATION	QTRS ID	OPS	UTIL	MAINT & RPR	HIST PRES	TOTAL	IMPROVS
INSIDE THE UNITED STATES							
TEXAS							
NAS CORPUS CHRISTI	SOQ 11	19,100	3,800	185,900	(0)	208,800	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy work includes: partial replacement of the wallpaper; partially painting the interior; and, replacement of the bath accessories and shower doors. Major repairs include: replacement of the electrical wiring throughout; replacement of the trellis panels and walkway; replacement of the stucco; and, repairing the landscaping. (Year built: 1941; NSF: 2,225; ELIG)

VIRGINIA							
NSWC DAHLGREN	501 SAMPSON	5,500	5,300	176,800	(0)	187,600	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy work includes: interior painting; repairing/replacing the phone jacks and TV outlets; caulking the windows; repairing the slate steps/roof; and, repairing/replacing the fireplace doors. Major repairs include: repairing/replacing the heating system; lead abatement; repairs to the walls; replacing the plumbing and electrical systems; replacing the exterior utilities; replacing the exterior back stairs and railing; and, exterior painting. (Year built: 1921; NSF: 4,508).

REGPMSUPSVCS NORFOLK	E-B	5,300	6,700	127,500	(0)	139,500	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes: interior painting and lead abatement; restoration of the trim work; repairs to the foundation; replacing the roof shingles and flashing; replacing the copper gutters and downspouts; repairing the walls; refinishing/adjusting 31 windows; exterior painting and lead abatement; upgrading plumbing; and, upgrade gas piping. (Year built: 1922; NSF: 2,184; ELIG)

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES		
4. PROJECT TITLE GENERAL AND FLAG OFFICER QUARTERS		5. PROJECT NUMBER

STATE/ INSTALLATION	QTRS ID	OPS	UTIL	MAINT & RPR	HIST PRES	TOTAL	IMPROVS
			INSIDE THE UNITED STATES				
REGPMSUPSVCS NORFOLK	MISSOURI F-32	10,300	8,800	50,500	(0)	69,600	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes: partially painting the interior; partially replacing the carpet and wallpaper; replacing the floor vinyl; and, repairing the windows and door hardware. (Year built: 1907; NSF: 9,415; NHR)

REGPMSUPSVCS NORFOLK	OHIO HOUSE F-33E	4,300	6,300	61,700	(40,400)	72,300	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes painting the interior and refinishing the wood flooring. Major repairs include refinishing and adjusting the windows and the replacement of the copper gutters and downspouts. (Year built: 1907;NSF: 4,008; NHR)

REGPMSUPSVCS NORFOLK	NORTH DAKOTA HOUSE G-45	4,900	5,300	137,800	(63,200)	148,000	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance, service calls. Minor repairs include exterior lead paint and lead abatement and replacement of the awnings, columns, and porches. Change of occupancy includes: partial interior painting; whole house carpet replacement; and, refinish wood flooring. Major repairs include: repairing the foundation; subflooring, and, joists. (Year Built: 1907; NSF: 4,352 NHR).

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES		
4. PROJECT TITLE GENERAL AND FLAG OFFICER QUARTERS		5. PROJECT NUMBER

STATE/ INSTALLATION	QTRS ID	OPS	UTIL	MAINT & RPR	HIST PRES	TOTAL	IMPROVS
INSIDE THE UNITED STATES							
REGPMSUPSVCS	CONNECTICUT HOUSE						
NORFOLK	M-5	6,400	10,100	74,800	(0)	91,300	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy includes: partially painting the interior, replacement of the carpet upstairs; replacement of the kitchen vinyl floor and cabinets; and, replacement of the wallpaper in kitchen and bathrooms. Major repairs include replacement of the roofing system. (Year built: 1907; NSF: 5,260 HIST)

REGPMSUPSVCS	CHEATHAM HOUSE						
NORFOLK	M-101	7,300	6,300	190,100	(38,000)	203,700	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy work includes interior painting and replacement of the carpet in two bedrooms. Major repairs include: lead and asbestos abatement; trim work restoration; exterior painting and lead abatement; upgrading the piping and wiring; and, replacement of the air handlers and HVAC. (Year built: 1918; NSF: 3,092; ELIG)

REGPMSUPSVCS	ELLYSON HOUSE						
NORFOLK	SP-20	3,300	5,500	42,900	(0)	51,700	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes carpet replacement and repairs to doors and window hardware. Major repairs include interior painting and replacement of the air handlers. (Year built: 1941; NSF: 2,026; ELIG)

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES		
4. PROJECT TITLE GENERAL AND FLAG OFFICER QUARTERS		5. PROJECT NUMBER

STATE/ INSTALLATION	QTRS ID	OPS	UTIL	MAINT & RPR	HIST PRES	TOTAL	IMPROVS
			INSIDE THE UNITED STATES				
REGPMSUPSVCS	RICHARDSON HOUSE						
NORFOLK	SP-22	7,300	5,500	36,300	(0)	49,100	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes interior painting. Major repairs include lead abatement and replacement of the air handlers. (Year built: 1941; NSF: 2,026; ELIG)

REGPMSUPSVCS	TOWERS HOUSE						
NORFOLK	SP-23	3,300	5,700	96,900	(0)	105,900	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes interior painting and replacement of the wallpaper. Major repair work includes: lead and asbestos abatement; trim work restoration; repairs to the walls; refinishing/adjusting windows; and, upgrading gas piping. (Year built: 1941; NSF: 2026; ELIG)

REGPMSUPSVCS	MITSCHER HOUSE						
NORFOLK	SP-24	3,300	5,600	105,400	(0)	114,300	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes interior painting and replacement of the wallpaper. Major repairs include: lead and asbestos abatement; trim work restoration; exterior painting and lead abatement; and, upgrading the wiring and gas piping. (Year built: 1941; NSF: 2,026; ELIG)

REGPMSUPSVCS							
NORFOLK	B-NNSY	5,000	5,800	31,800	(0)	42,600	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy includes: refinishing wood floors; replacement of the carpet on stairs; replacement of the vinyl floor in bathroom and kitchen; and, replacement of wallpaper in kitchen and three bathrooms. (Year built: 1937; NSF: 5,310, NHR)

1. COMPONENT NAVY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES		
4. PROJECT TITLE GENERAL AND FLAG OFFICER QUARTERS		5. PROJECT NUMBER

STATE/ INSTALLATION	QTRS ID	OPS	UTIL	MAINT & RPR	HIST PRES	TOTAL	IMPROVS
			INSIDE THE UNITED STATES				
WASHINGTON							
NAVSTA EVERETT	A PIER 91	1,500	8,200	59,300	(0)	69,000	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes interior painting and carpet cleaning. Major repairs include: replacement of the closet fixtures and repairing the storage area; replacement of the kitchen cabinets, flooring, sink, lighting, and counter top; and, asbestos and lead paint removal. Bathroom repairs include replacement of the fixtures, floor, toilet and sink, and asbestos and lead based paint abatement. (Year built: 1944; NSF: 6,404)

			OUTSIDE THE UNITED STATES				
MARIANAS ISLANDS							
CNB GUAM4	FLAG CIRCLE	2,700	6,700	57,900	(0)	67,300	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance, service calls. Change of occupancy maintenance includes: carpet cleaning; complete interior painting; replacement of the bathroom fixtures; and, replacement of the lavatory, shower and water closet. Major repairs include replacement of the walkway, and, re-coat the roof.

ITALY							
NSA NAPLES	VILLA NIKE	10,800	49,100	32,900	(0)	92,800	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls.

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
Marine Corps		

3. INSTALLATION AND LOCATION
VARIOUS LOCATIONS INSIDE THE UNITED STATES

4. PROJECT TITLE	5. PROJECT NUMBER
GENERAL AND FLAG OFFICER QUARTERS	

State/ Installation	Qtrs ID	Ops	Util	Maint & Rpr	(Hist Pres)	Total	Impr
Washington DC							
Marine Barracks, 8th and I	QTR 1	10,900	9,100	17,800	(0)	37,800	223.0

This project provides interior repairs to one historic General Officer Quarters located at Marine Barracks, 8th and I, Washington D.C. Repairs include stripping lead based paint from interior painted surfaces, comprehensive kitchen replacement, and repair of emergency lighting system. Items to be replaced include asbestos-containing and ceramic floor tile; attic insulation; selected plaster walls and ceilings; selected trim and crown molding; selected doors; basement refrigerant and chiller systems; water softener equipment; fan coil units; selected ceiling fans; plumbing fixtures and valves; water heater system; branch circuit panelboards; and ground fault equipment. Improvements include new equipment being installed including exhaust fans and vents, attic ventilation fan, hot and cold water piping insulation and a residential sprinkler system. (DD Form 1391 in Improvement section). (Year built: 1908; NSF: 5,152 NHR).

Marine Barracks, 8th and I	QTR 2	10,900	9,100	17,000	(0)	37,000	178.0

This project provides exterior repairs to one historic General Officer Quarters located at Marine Barracks, 8th and I, Washington D.C. Repairs include roof, gutter and flashing replacement, waterproofing of below-grade basement walls, window rehabilitation, removal of hazardous materials, installation of perforated PVC foundation drainage piping and repair of cast iron storm drainage piping. Structural work includes replacement and reattachment of infill walls, masonry reconstruction and repairs, rebuilding brick steps, replacing granite pavers and concrete walks, reattaching wrought iron stair railings and installing expansion and control joints in porch slab. Improvements include installation of non-existent exterior drainage system, attic vents and fans. (DD Form 1391 in Improvement section). (Year built: 1908; NSF 4,253, NHR).

Marine Barracks, 8th and I	QTR 4	10,900	9,100	17,000	(0)	37,000	190.0

This project provides exterior repairs to one historic General Officer Quarters located at Marine Barracks, 8th and I, Washington, DC. Repairs include roof, gutter and flashing replacement, waterproofing of below-grade basement walls, extensive window rehabilitation, removal of hazardous materials, installation of perforated PVC foundation drainage piping and repair of cast iron storm drainage piping. Structural work includes replacement and reattachment of infill walls, masonry reconstruction and repairs, rebuilding brick steps, replacing granite pavers and concrete. Improvements include installation of non-existent exterior drainage system, attic vents and fans. (DD Form 1391 in Improvement section). (Year built: 1908; NSF: 4253, NHR)

DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 2001 BUDGET ESTIMATE
NAVY AND MARINE CORPS LEASING

(In Thousands)

FY 2001 Program $142,690
FY 2000 Program $145,365

Purpose and Scope

This program provides payment for the costs incurred in leasing family housing units for assignment as public quarters.

Program Summary

	FY 1999			FY 2000			FY 2001		
	Auth Units	Avg Units	Cost ($000)	Auth Units	Avg Units	Cost ($000)	Auth Units	Avg Units	Cost ($000)
Domestic	3,183	1,043	18,101	3,183	1,316	16,046	3,183	1,129	17,477
Navy	(3,058)	(918)	(16,472)	(3,058)	(1,191)	(14,384)	(3,058)	(1,004)	(15,784)
MarCps	(125)	(125)	(1,629)	(125)	(125)	(1,662)	(125)	(125)	(1,693)
801	5,347	3,014	41,964	5,347	3,014	44,483	5,347	3,014	44,851
Navy	(4,747)	(2,414)	(33,370)	(4,747)	(2,414)	(35,912)	(4,747)	(2,414)	(36,088)
MarCps	(600)	(600)	(8,594)	(600)	(600)	(8,571)	(600)	(600)	(8,763)
802									
MarCps	276	276	625	276	276	639	276	276	652
Foreign	4,229	1,864	69,102	4,229	2,615	84,197	4,229	3,027	79,710
Total-DON	13,035	6,197	129,792	13,035	7,221	145,365	13,035	7,446	142,690

JUSTIFICATION

Domestic Leasing Program Summary: The domestic leasing program is authorized in 10 USC 2828 as amended, which limits the number of units authorized at any one time and specifies the maximum cost limitation. This program consists of leasing on an interim basis until Section 801, military construction (MILCON) units, and homes undergoing revitalization come on line.

Section 801 of the FY 1984 Military Construction Authorization Act (PL 98-115) authorized the Department of Defense to enter into agreements for the leasing of Military Family Housing units on or near military installations within the United States. This authorization was considered a test and would have expired upon execution of contracts no later than 1 October 1985. The Navy sites chosen for testing Section 801 were Norfolk, Virginia, and Earle, New Jersey. The Section 801 program was made permanent and codified as Section 2835 of Title 10, United States Code, in FY 1992. The Navy has awarded contracts for Section 801 projects at Norfolk, VA (300 units), Earle, NJ (300 units), Mayport, FL (200 units), Staten Island, NY (1,000 units), Washington, DC (600 units), Washington, DC (Summerfield-414 units), Port Hueneme/Point Mugu, CA (300 units), Pensacola, FL (300 units), and Twentynine Palms, CA (600 units). The Staten Island, NY (1,000 units) project was terminated due to base closure.

Section 802 of the FY 1984 Military Construction Authorization Act (PL 98-115, 10 U.S.C. 2821 note) authorized the Department of Defense to enter into agreements to guarantee up to 97 percent occupancy of military family housing units constructed under this authority at U.S. locations. The Department of the Army awarded this project in 1992 under U.S. Army Garrison, Hawaii (USAG-HI). The authority transferred to the Marine Corps on 1 October 1998. The Marine Corps took over the Section 802 contract at MCB Hawaii for 276 units. The cost estimates for FY 1999 to FY 2001 include the operations of these units.

Domestic Leasing Fiscal Year Summary:

FY 1999 - The domestic lease program consisted of 4,333 units requiring funding of $60.690 million. Funding in the amount of $42.589 million provides full funding for Section 801 projects at Earle, Norfolk, Mayport, Washington, DC, Pensacola, Port Hueneme and Twentynine Palms, and for the Section 802 Marine Corps project at Oahu. The remaining $18.101 million is required to support domestic short term leases in Norfolk, VA; San Diego, CA; Everett and Whidbey Island, WA; Mayport, FL; NAS Corpus Christi, TX; and includes $7.772 million for 598 leases for recruiters at locations which are not supported by a military installation and where housing allowances are inadequate.

FY 2000 - The domestic lease program consists of 4,606 units requiring funding of $61.168 million. Funding in the amount of $45.122 million provides full funding for Section 801 projects at Earle, Norfolk, Mayport, Washington, DC, Pensacola, Port Hueneme and Twentynine Palms, and for the Section 802 Marine Corps project at Oahu. The remaining $16.046 million is required to support domestic short term leases in Norfolk, VA; San Diego, CA; Everett, WA; and, Mayport, FL; and includes $7.200 million for 598 leases for recruiters at locations supported by a military installation and where housing allowances are inadequate.

FY 2001 - The domestic lease program consists of 4,419 units requiring funding of $62.980 million. Funding in the amount of $45.503 million provides full funding for Section 801 projects at Earle, Norfolk, Mayport, Washington, DC, Pensacola, Port Hueneme and Twentynine Palms, and for the Section 802 Marine Corps project at Oahu. The remaining $17.477 million is required to support domestic short term leases in Norfolk, VA; San Diego, CA; and, Everett, WA; and includes $9.600 million for 598 leases for recruiters at locations which are not supported by a military installation and where housing allowances are inadequate.

Foreign Leasing: Leasing in foreign countries is authorized in 10 USC 2828, which limits the number of units authorized at any one time and specifies the maximum cost limitation.

The FY 1999 unit authorization consists of 4,229 units and funding for 1,864 of those units. The authorization difference of 2,365 is to support lease initiatives at Naples and Sigonella, Italy.

The FY 2000 unit authorization consists of 4,229 units and funding for 2,615 of those units. The authorization difference of 1,614 is to support lease initiatives at Naples, La Maddalena, and Sigonella, Italy.

The FY 2001 unit authorization consists of 4,229 units and funding for 3,027 of those units. The authorization difference of 1,202 is to support lease initiatives at Naples, La Maddalena and Sigonella, Italy.

Reconciliation of Increases and Decreases:

1.	FY 2000 Budget Request		145,365
2.	Pricing Adjustment		1,477
	a. Inflation	(1,374)	
	b. Currency	(103)	
3.	Program Increases		11,198
	a. New leases at La Maddalena, Naples, Sigonella and Larissa	(11,198)	
4.	Program Decreases		-15,350
	a. Termination of Norfolk, Everett & Mayport Leases	(-1,784)	
	b. Termination of Rota leases	(-190)	
	c. Execution delays at La Maddalena, Naples, Gaeta, Sigonella, and Rome	(-13,376)	
5.	FY 2001 Budget Request		142,690

FAMILY HOUSING, DEPARTMENT OF THE NAVY
(Other than Section 801 and Section 802 Units)
FY 2001

Location	FY 1999 Units Authorized	FY 1999 Lease Months	FY 1999 Cost ($000)	FY 2000 Units Authorized	FY 2000 Lease Months	FY 2000 Cost ($000)	FY 2001 Units Authorized	FY 2001 Lease Months	FY 2001 Cost ($000)
DOMESTIC LEASING									
Navy									
PWC San Diego, CA	300	3,660	3,246	300	2,640	3,286	300	3,600	4,070
NSB New London, CT	0	0	0	0	0	0	0	0	0
NS Mayport, FL	100	1,200	1,353	100	1,200	1,376	0	0	0
NAS Corpus Christi, TX	100	564	417	0	0	0	0	0	0
PWC Norfolk, VA	368	792	792	83	35	246	83	72	204
NS Everett, WA	174	2,088	2,340	174	2,088	2,276	174	1,200	1,910
NAS Whidbey Island, WA	135	480	551	0	0	0	0	0	0
Recruiters, Var Loc	598	7,176	7,772	598	7,176	7,200	598	7,176	9,600
Marine Corps									
San Diego, CA	125	1,500	1,629	125	1,500	1,662	125	1,500	1,693
TOTAL DOMESTIC LEASES	1,900	17,460	18,101	1,380	14,639	16,046	1,280	13,548	17,477

492

FAMILY HOUSING , DEPARTMENT OF THE NAVY
(Other than Section 801 and Section 802 Units)
FY 2001

	FY 1999			FY 2000			FY 2001		
	Units	Lease	Cost	Units	Lease	Cost	Units	Lease	Cost
Location	Authorized	Months	($000)	Authorized	Months	($000)	Authorized	Months	($000)
FOREIGN LEASES									
Athens	6	72	253	6	72	269	6	72	286
Bahrain	1	12	86	1	12	88	1	12	116
Bangkok	7	72	174	7	84	191	7	84	218
Cairo	30	360	1,359	30	360	1,493	30	360	1,496
Dubai	1	12	67	1	12	64	1	12	76
Edzell	102	0	0	0	0	0	0	0	0
Gaeta	106	852	1,596	96	1,152	2,000	96	1,152	1,772
Hong Kong	6	48	466	6	48	504	6	48	518
Jakarta	15	132	647	15	132	587	15	144	600
LaMaddalena	484	2,928	6,340	484	4,248	9,130	484	2,370	5,503
Larissa	0	0	0	0	0	0	91	1,092	2,400
Lisbon	1	12	91	1	12	93	1	12	80
London	3	48	305	4	48	318	4	48	331
Manila	6	24	79	6	24	117	6	36	130
Naples	1,963	16,512	31,245	1,963	19,140	37,195	1,963	18,612	32,081
New Delhi	1	12	77	1	12	59	1	12	110
Oslo	1	12	31	1	12	34	1	12	36
Rome	3	120	403	10	120	371	10	120	283
Rota	115	144	252	114	85	190	23	0	0
Sigonella	1,376	9,180	25,562	1,481	11,892	31,418	1,481	13,710	33,553
Souda Bay	1	12	19	1	12	26	1	12	29
Cambodia	1	1	50	1	1	50	1	12	92
TOTAL FOREIGN LEASES	4,229	30,565	69,102	4,229	37,478	84,197	4,229	37,932	79,710

Family Housing, Marine Corps
FY 2001, Section 802 Family Housing Summary
(Dollars in thousands)

Location	No. of Units	FY of Initial Auth	Date of Award	Date of Full Occup	Total Annual Cost	FY 2000 Units	FY 2000 Costs	FY 2001 Units	Approp Request
MARINE CORPS Section 802 Housing									
MCB HAWAII	276	1992	11/92	11/92	625.0	276	639.00	276	652.00
PLANNING									0.00
TOTAL COST					625.00	**	639.00	**	652.00

** FY 2000 & FY 2001 REFLECT ALL OPERATIONS AND MAINTENANCE COSTS ASSOCIATED WITH THE 802 UNITS
** TOTAL ANNUAL COST IDENTIFY OBLIGATIONS STARTING IN FY99

DEPARTMENT OF NAVY
FAMILY HOUSING, NAVY
FY 2001 BUDGET
DEBT PAYMENT
(Thousands of Dollars)

	FY 1999 NAVY	FY 2000 NAVY	FY 2001 NAVY
TOA			
INTEREST & OTHER EXPENSES:			
SERVICEMEN'S MORTGAGE INSURANCE PREMIUMS	74	71	69
TOTAL OBLIGATING AUTHORITY	74	71	69
BUDGET AUTHORITY	74	71	69

DEPARTMENT OF THE NAVY
FAMILY HOUSING, NAVY
FY 2001 BUDGET

SERVICEMEN'S MORTGAGE INSURANCE PREMIUMS

In accordance with authority contained in Section 222 of the Housing Act of 1954, as amended, this program provides for the payment of premiums due on mortgage insurance provided by the Federal Housing Administration for mortgages on housing purchased by military personnel on active duty and for continuing payments in those cases where a serviceman dies while on active duty and leaves a surviving widow as owner of the property. In the latter case, payments extend for a period of two years beyond the date of the serviceman's death or until the date the widow disposes of the property, whichever occurs first. With the discontinuance of Section 222 Mortgages as of 31 March 1980, the Department of Housing and Urban Development stopped processing applications for SMIP.

	FY 1999 NAVY	FY 2000 NAVY	FY 2001 NAVY
Number of Mortgages	529	507	493
Average Payment	$140	$140	$140
Total Payment	$74,000	$71,000	$69,000

DEPARTMENT OF THE NAVY
FAMILY HOUSING, MARINE CORPS
FY 2001 BUDGET
DEBT PAYMENT
(Thousands of Dollars)

	FY 1999 Marine Corps	FY 2000 Marine Corps	FY 2001 Marine Corps
TOA			
Interest & Other Expenses:			
Servicemember's Mortgage Insurance Premiums	2	2	2
Total Obligating Authority	2	2	2
BUDGET AUTHORITY	2	2	2

DEPARTMENT OF THE NAVY
FAMILY HOUSING, MARINE CORPS
FY 2001 BUDGET

SERVICEMEN'S MORTGAGE INSURANCE PREMIUMS

	FY 1999 MARINE CORPS	FY 2000 MARINE CORPS	FY 2001 MARINE CORPS
Number of Mortgages	13	13	13
Average Payment	$154	$154	$154
Total Payments	$2,000	$2,000	$2,000

NAVY
FAMILY HOUSING PRIVATIZATION

YEAR OF NOTIFICATION	INSTALLATION	# OF UNITS	NOTIFY CONGRESS (SOLICITATION)	NOTIFY CONGRESS (SELECTION)	DEAL CLOSING/ CONTRACT AWARD	FUNDING
FY 99	Everett, Washington Everett I	0	Oct 1998	Aug 1999	Sep 1999	$ 2.6M – FY99 Paine Field (Sec. 125 FY99 MilCon Approps. Act)
FY 99	Everett, Washington Everett II	300	Oct 1998	Apr 2000	May 2000	$ 18.9M ($15.0M-FY97 FHNC; $3.4M-FY99 Paine Field proceeds; $0.5M-FHNC project savings)
FY 99	Kingsville, Texas Kingsville I	0	Oct 1998	Aug 1999	Sep 1999	$ 8.5M ($1.8M-FY95 FHNC project savings; $6.7M-FY96 FHNC project savings)
FY 99	Kingsville, Texas Kingsville II	150	Oct 1998	Mar 2000	Apr 2000	$ 6.8M–FHNC project savings
FY 99	San Diego, California	3248	Nov 1998	Jul 2000	Aug 2000	$20.9M ($13.5M-FY98 FHNC; $7.43M-FHNC project savings)
FY 99	South Texas	812	Nov 1998	Nov 2000	Dec 2000	$ 25.6M ($22.3M-FY98 FHNC; $3.3M-FHNC project savings)
FY 99	New Orleans, Louisiana	763	Dec 1998	Nov 2000	Dec 2000	$12.4M ($11.9-FY98 FHNC; $0.5M-FY98 FHNC project savings)

DEPARTMENT OF THE NAVY MARINE CORPS FAMILY HOUSING PRIVATIZATION						
YEAR OF NOTIFICATION	INSTALLATION	# OF UNITS	NOTIFY CONGRESS (SOLICITATION)	NOTIFY CONGRESS (SELECTION)	DEAL CLOSING/ CONTRACT AWARD	FUNDING
FY 98	MCLB Albany, GA	114	Jan. 1998	Apr. 2000	May. 2000	$ 0.0
FY 98	MCB Camp Pendleton, CA	712	Oct. 1998	May. 2000	Jun. 2000	$20.0M of FY96 FH Construction
FY 99	Stewart, NY	200	Jun. 1999	Feb. 2000	Mar. 2001	$ 0.0
FY 00	MCAS Beaufort, SC MCRD Parris Island, SC	684	Mar. 2000	Mar. 2001	May. 2001	$14.0M of FY97 FH Construction $ 4.9M of FY00 FH Construction Improvements

DEPARTMENT OF THE NAVY

FY 2001

BUDGET ESTIMATES

MILITARY CONSTRUCTION

NAVAL AND MARINE CORPS RESERVE PROGRAM

JUSTIFICATION DATA
Submitted to Congress
February 2000

(501)

DEPARTMENT OF THE NAVY
FY 2001 MILITARY CONSTRUCTION PROGRAM
NAVAL AND MARINE CORPS RESERVE

TABLE OF CONTENTS

STATE LIST....1

MISSION LIST....3

INDEX OF LOCATIONS FOR NAVY ONLY....5

INDEX OF LOCATIONS FOR MARINES ONLY....7

MISSION STATUS INDEX....9

INSTALLATION INDEX....11

APPROPRIATION LANGUAGE....11A

SPECIAL PROGRAM CONSIDERATIONS....11D

PROJECT JUSTIFICATIONS (DD FORMS 1390 AND 1391)....13

PLANNING AND DESIGN....55

FUTURE YEARS DEFENSE PROGRAM (FYDP)
TABLE OF CONTENTS....57

FUTURE YEARS DEFENSE PROGRAM (NAVY ONLY) 59

FUTURE YEARS DEFENSE PROGRAM (MARINES ONLY)....61

FY 2001 Military Construction Program
Naval and Marine Corps Reserve
Summary of Locations

State/Country		Auth. Request	Appr. Request
Inside The United States		($000)	($000)
ALASKA		6,403	6,403
CALIFORNIA		950	950
GEORGIA		4,419	4,419
LOUISIANA		1,390	1,390
OREGON		1,420	1,420
	Subtotal	**14,582**	**14,582**
Various Locations			
Various Locations		1,521	1,521
	Subtotal	**1,521**	**1,521**
	Total - FY 2001 Military Construction	**16,103**	**16,103**

FY 2001 Military Construction Program
Naval and Marine Corps Reserve
Index Of Locations For Navy and Marines

State/Country	Proj No.	Location	Auth. Request ($000)	Appr. Request ($000)	% Design As Of Jan 00	Page No.
		Inside The United States				
ALASKA						
		MARINE RESERVE CENTER				
		ELMENDORF AIR FORCE BASE, ALASKA				
	543	MARINE CORPS RESERVE TRAINING CENTER	6,403	6,403	80	15
		Subtotal	6,403	6,403		
		Total - ALASKA	**6,403**	**6,403**		
CALIFORNIA						
		NAVAL AND MARINE CORPS RESERVE CENTER				
		ALAMEDA, CALIFORNIA				
	173	SEAWALL	950	950	35	23
		Subtotal	950	950		
		Total - CALIFORNIA	**950**	**950**		
GEORGIA						
		NAVAL AIR STATION				
		ATLANTA, GEORGIA				
	339	FITNESS CENTER ADDITION	2,650	2,650	45	29
	355	RESERVE TRAINING BUILDING ADDITION	1,769	1,769	20	33
		Subtotal	4,419	4,419		
		Total - GEORGIA	**4,419**	**4,419**		
LOUISIANA						
		NAVAL AIR STATION JOINT RESERVE BASE				
		NEW ORLEANS, LA				
	035	WAREHOUSE ADDITION	800	800	45	41
	406	AIR PASSENGER TERMINAL	590	590	35	45
		Subtotal	1,390	1,390		
		Total - LOUISIANA	**1,390**	**1,390**		
OREGON						
		NAVAL AND MARINE CORPS RESERVE CENTER,				
		PORTLAND, OREGON				
	166	RESERVE CENTER ALTER & VEHICLE MAINT FAC	1,420	1,420	30	51
		Subtotal	1,420	1,420		
		Total - OREGON	**1,420**	**1,420**		
		Total - Inside The United States	**14,582**	**14,582**		
		Various Locations				
	501	PLANNING AND DESIGN	1,521	1,521	0	55
		Total - Various Locations	**1,521**	**1,521**		
		Total - FY 2001 Military Construction Program	**16,103**	**16,103**		

FY 2001 Military Construction Program
Naval and Marine Corps Reserve
Index Of Locations For Navy Only

State/Country	Proj No.	Location	Auth. Request ($000)	Appr. Request ($000)	% Design As Of Jan 00	Page No.
		Inside The United States				
CALIFORNIA						
		NAVAL AND MARINE CORPS RESERVE CENTER ALAMEDA, CALIFORNIA				
	173	SEAWALL	950	950	35	23
		Subtotal	950	950		
		Total - CALIFORNIA	**950**	**950**		
GEORGIA						
		NAVAL AIR STATION ATLANTA, GEORGIA				
	339	FITNESS CENTER ADDITION	2,650	2,650	45	29
	355	RESERVE TRAINING BUILDING ADDITION	1,769	1,769	20	33
		Subtotal	4,419	4,419		
		Total - GEORGIA	**4,419**	**4,419**		
LOUISIANA						
		NAVAL AIR STATION JOINT RESERVE BASE NEW ORLEANS, LA				
	035	WAREHOUSE ADDITION	800	800	45	41
	406	AIR PASSENGER TERMINAL	590	590	35	45
		Subtotal	1,390	1,390		
		Total - LOUISIANA	**1,390**	**1,390**		
OREGON						
		NAVAL AND MARINE CORPS RESERVE CENTER, PORTLAND, OREGON				
	166	RESERVE CENTER ALTER & VEHICLE MAINT FAC	1,420	1,420	30	51
		Subtotal	1,420	1,420		
		Total - OREGON	**1,420**	**1,420**		
		Total - Inside The United States	**8,179**	**8,179**		
		Various Locations				
	501	PLANNING AND DESIGN	1,521	1,521	0	55
		Total - Various Locations	**1,521**	**1,521**		
		Total - FY 2001 Military Construction Program	**9,700**	**9,700**		

FY 2001 Military Construction Program
Naval and Marine Corps Reserve
Index Of Locations For Marines Only

State/Country	Proj No.	Location	Auth. Request ($000)	Appr. Request ($000)	% Design As Of Jan 00	Page No.
		Inside The United States				
ALASKA						
		MARINE RESERVE CENTER				
		ELMENDORF AIR FORCE BASE, ALASKA				
	543	MARINE CORPS RESERVE TRAINING CENTER	6,403	6,403	80	15
		Subtotal	6,403	6,403		
		Total - ALASKA	**6,403**	**6,403**		
		Total - Inside The United States	**6,403**	**6,403**		
		Total - FY 2001 Military Construction Program	**6,403**	**6,403**		

FY 2001 Military Construction Program
Naval and Marine Corps Reserve
Mission Status Index

Installation/Location	Proj No.	Project Title	Cost ($000)	Mission Status
		Inside The United States		
ALASKA				
MARINE RESERVE CENTER ELMENDORF AIR FORCE BASE, ALASKA	543	MARINE CORPS RESERVE TRAINING CENTER	6,403	Current
CALIFORNIA				
NAVAL AND MARINE CORPS RESERVE CENTER ALAMEDA, CALIFORNIA	173	SEAWALL	950	Current
GEORGIA				
NAVAL AIR STATION ATLANTA, GEORGIA	339	FITNESS CENTER ADDITION	2,650	Current
NAVAL AIR STATION ATLANTA, GEORGIA	355	RESERVE TRAINING BUILDING ADDITION	1,769	Current
LOUISIANA				
NAVAL AIR STATION JOINT RESERVE BASE NEW ORLEANS, LA	035	WAREHOUSE ADDITION	800	Current
NAVAL AIR STATION JOINT RESERVE BASE NEW ORLEANS, LA	406	AIR PASSENGER TERMINAL	590	Current
OREGON				
NAVAL AND MARINE CORPS RESERVE CENTER, PORTLAND, OREGON	166	RESERVE CENTER ALTER & VEHICLE MAINT FAC	1,420	Current

FY 2001 Military Construction Program
Naval and Marine Corps Reserve
Installation Index

Installation	Location	DD1390 PageNo.
	A	
NAVAL AND MARINE CORPS RESERVE CENTER	ALAMEDA, CALIFORNIA	19
NAVAL AIR STATION	ATLANTA, GEORGIA	27
	E	
MARINE RESERVE CENTER	ELMENDORF AIR FORCE BASE, ALASKA	13
	N	
NAVAL AIR STATION JOINT RESERVE BASE	NEW ORLEANS, LA	37
	P	
NAVAL AND MARINE CORPS RESERVE CENTER,	PORTLAND, OREGON	49

APPROPRIATION
MILITARY CONSTRUCTION, NAVAL RESERVE

Department of the Navy — FY 2001
Annual Budget Estimates — Budget

SECTION 1 - APPROPRIATION LANGUAGE

For construction, acquisition, expansion, rehabilitation, and conversion of facilities for the training and administration of the Reserve components of the Navy and Marine Corps as authorized by Chapter 1803 of Title 10, United States Code, and Military Construction Authorization Acts, [$28,457,000] $16,103,000 to remain available until September 30, [2004] 2005.

SECTION 2 - EXPLANATION OF LANGUAGE CHANGES

1. Deletion of FY 2000 appropriations shown in brackets.

Military Construction, Navy Reserve
Program and Financing (in Thousands of dollars)

Identification code 17-1235-0-1-051	Budget Plan (amounts for MILITARY CONSTRUCTION actions programed)			Obligations		
	1999 actual	2000 est.	2001 est.	1999 actual	2000 est.	2001 est.
Program by activities:						
Direct program:						
00.0101 Major construction	27,770	22,901	14,582	32,900	21,189	16,157
00.0201 Minor construction	877	2,659		571	2,595	576
00.0301 Planning	2,974	2,750	1,521	1,581	3,812	1,764
10.0001 Total	31,621	28,310	16,103	35,052	27,596	18,497
Financing:						
Unobligated balance available, start of year:						
21.4002 For completion of prior year budget plans				-14,498	-10,818	-11,532
21.4009 Reprograming from/to prior year budget plan	-249					
Unobligated balance available, end of year:						
24.4002 For completion of prior year budget plans				10,818	11,532	9,138
25.0001 Unobligated balance expiring	249			249		
39.0001 Budget authority	31,621	28,310	16,103	31,621	28,310	16,103
Budget authority:						
40.0001 Appropriation	31,621	28,457	16,103	31,621	28,457	16,103
40.7601 Reduction pursuant to P.L. 106-113(-), Titl		-147			-147	
43.0001 Appropriation (adjusted)	31,621	28,310	16,103	31,621	28,310	16,103
Relation of obligations to outlays:						
71.0001 Obligations incurred				35,052	27,596	18,497
72.4001 Obligated balance, start of year				63,965	51,979	48,092
74.4001 Obligated balance, end of year				-51,979	-48,092	-37,899
77.0001 Adjustments in expired accounts (net)				449		
90.0001 Outlays (net)				47,487	31,483	28,690

Military Construction, Navy Reserve
Object Classification (in Thousands of dollars)

Identification code 17-1235-0-1-051	1999 actual	2000 est.	2001 est.
Direct obligations:			
132.001 Land and structures	35,052	27,596	18,497
199.001 Total Direct obligations	35,052	27,596	18,497
999.901 Total obligations	35,052	27,596	18,497

DEPARTMENT OF THE NAVY
FY 2001 MILITARY CONSTRUCTION PROGRAM
NAVAL AND MARINE CORPS RESERVE

SPECIAL PROGRAM CONSIDERATIONS

POLLUTION ABATEMENT:
The military construction projects in this program will be designed to meet environmental standards. The Military Construction projects proposed are primarily for the abatement of existing pollution problems at Naval and Marine Corps installations and have been reviewed to ensure that corrective design is accomplished in accordance with specific standards and criteria.

ENERGY CONSERVATION:
The military construction projects proposed in this program will be designed for minimum energy consumption.

FLOODPLAIN MANAGEMENT AND WETLANDS PROTECTION:
Proposed land acquisition, disposals, and installation construction projects have been planned to allow the proper management of floodplains and the protection of wetlands by avoiding long and short-term adverse impacts, reducing the risk of flood losses, and minimizing the loss or degradation of wetlands. Project planning is in accordance with the requirements of Executive Order Numbers 11988 and 11990.

DESIGN FOR ACCESSIBILITY OF PHYSICALLY HANDICAPPED PERSONNEL:
In accordance with Public Law 90-480, provisions for physically handicapped personnel will be provided for, where appropriate, in the design of facilities included in this program.

PRESERVATION OF HISTORICAL SITES AND STRUCTURES:
Facilities included in this program do not directly or indirectly affect a district, site, building, structure, object or setting listed in the National Register of Historic Places, except as noted on the DD Form 1391.

PLANNING IN THE NATIONAL CAPITAL REGION:
Projects located in the National Capital Region are submitted to the National Capital Planning Commission for budgetary review and comment as part of the commission's annual review of the Future Years Defense Program (FYDP). Construction projects within the District of Columbia, with the exception of the Bolling/Anacostia area, are submitted to the Commission for approval prior to the start of construction.

ENVIRONMENTAL PROTECTION:
In accordance with Section 102(2)(c) of the National Environmental Policy Act of 1969 (Public Law 91-190), the environmental impact analysis process has been completed or is actively underway for all projects in the military construction program.

ECONOMIC ANALYSIS:
Economics are an inherent aspect of project development and design of military construction projects. Therefore, all projects included in this program represent the most economical use of resources. Where alternatives can be evaluated, a primary economic analysis was prepared and the results indicated on the DD Form 1391.

RESERVE MANPOWER POTENTIAL:
The reserve manpower potential to meet and maintain authorized strengths of all reserve flying/non-flying units in those areas in which these facilities are to be located has been reviewed. It has been determined, in coordination with the other services having reserve flying/non-flying units in these areas, that the number of units of the reserve components of the Armed Forces presently located in those areas, and those which have been allocated to the areas for future activation, is not and will not be larger than the number that reasonably can be expected to be maintained at authorization strength considering the number of persons living in the areas who are qualified for membership in those reserve units.

DEPARTMENT OF THE NAVY
FY 2001 MILITARY CONSTRUCTION PROGRAM
NAVAL AND MARINE CORPS RESERVE

SPECIAL PROGRAM CONSIDERATIONS
(Continued)

CONSTRUCTION CRITERIA MANUAL:
Unless otherwise noted, the projects are within the criteria or scope prescribed in Part II of Military Handbook 1190, "Facility Planning and Design Guide."

NON-MILCON CONSTRUCTION:
The following is in response to the requirement on page 24 of the FY 1988 Senate Appropriations Committee Report 100-200 and page 1006 of the FY 1988 Committee of Conference, House and Senate Appropriations Committees Report 100-498:

a. Operation and Maintenance, Naval Reserve
Maintenance and Repair, $38,896,000.
Minor Construction, $1,828,000.

b. Operation and Maintenance, Marine Corps Reserve
Maintenance and Repair, $6,054,000.
Minor Construction, $2,300,000.

1. Component	FY 2001 GUARD AND RESERVE MILITARY CONSTRUCTION	2. Date
NAVY		2/14/00

3. Installation and Location

MARINE RESERVE CENTER
ELMENDORF AIR FORCE BASE, ALASKA

4. Area Constr. Cost Index: 1.5

5. Frequency And Type Of Utilization

Normal administrative workday five per week with scheduled training assembly one per month

6. Other Active/Guard/Reserve Installations Within 25 Miles

Naval Reserve Center Fort Richardson, Anchorage, Alaska

7. Projects Requested In This Program

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Complete
171.15	MARCORPS RES TRNG CTR	2,564 m2	6,403	12/98	10/01

8. State Reserve Forces Facilities Board Recommendation

Facility identified in item 7, has been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendation is the facility is approved for unilateral construction.

21 Apr 99 *(Date)*

9. Land Acquisition Required

None

NA *(Number Of Acres)*

10. Projects Planned In Next Four Years

Project No	Title	PY	Scope	Cost ($000)

11. Personnel Strength As Of 6/30/99

	Permanent				Guard/Reserve			
	Total	Officer	Enlisted	Civilian	Total	Officer	Enlisted	Civilian
Authorized	15	1	14	0	87	5	82	
Actual	17	1	16	0	97	4	93	

12. Reserve Unit Data

Unit Designation	Strength Authorized	Actual
E Co., 4th Recon Bn	87	97

1. Component	FY 2001 GUARD AND RESERVE MILITARY CONSTRUCTION	2. Date
NAVY		2/14/00

3. Installation and Location	4. Area Constr. Cost Index
MARINE RESERVE CENTER ELMENDORF AIR FORCE BASE, ALASKA	1.5

13. Major Equipment And Aircraft

Type	Authorized	Actual
SNOWMOBILES	2	2
SNOWMOBILE TRAILER	1	1
HUMMWV'S	6	6
22 FT BOAT	1	1
ZODIAK-RUBBER BOATS(INFLATABLE HARD-DECK BOATS)	7	7
BOAT MOTORS	18	9
BOAT TRAILER	1	1
STORAGE CONTAINER (QUADCON)	13	0

317

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M46158	4. Project Title
MARINE RESERVE CENTER ELMENDORF AIR FORCE BASE, ALASKA	MARINE CORPS RESERVE TRAINING CENTER

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0505796M	171.15	543	6,403

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
MARINE CORPS RESERVE TRAINING CENTER	M2	2,564	-	4,460
RESERVE CENTER	M2	1,727	1,898	(3,280)
VEHICLE AND EQUIPMENT MAINTENANCE AND STORAG	M2	837	1,414	(1,180)
SUPPORTING FACILITIES	LS	-	-	1,550
ELECTRICAL UTILITIES	LS	-	-	(320)
MECHANICAL UTILITIES	LS	-	-	(450)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(170)
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(610)
SUBTOTAL	-	-	-	6,010
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	6,010
Supervision Inspection & Overhead (6.5%)	-	-	-	393
TOTAL REQUEST	-	-	-	6,403
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

Two story steel framed building with concrete foundation, concrete floor, masonry walls, sloped metal roofing, arctic entries, fire protection system, heating, ventilation systems and elevator. It includes areas for drill hall, unit administration, classrooms, supply storage, an armory for weapons storage, special personnel gear lockers and shower rooms, and medical examination. Sound attenuation will be provided in this section of the building.

Single story Vehicle Maintenance Facility with metal frame, metal siding, sloped metal roof, fire protection system, heating and ventilation systems, maintenance bays, vehicle and maintenance wash bays, tool room, parts room, office and storage mezzanine.

Single story for Parachute and Survival Equipment Maintenance with metal frame and metal siding, sloped metal roofing, fire protection system, heating and ventilation systems. Includes parachute packing room, dive locker and storage, and a Firearms Training System (FATS) trainer that

(Continued On DD 1391C)

317

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M46158
MARINE RESERVE CENTER ELMENDORF AIR FORCE BASE, ALASKA

4. Project Title	7. Project Number
MARINE CORPS RESERVE TRAINING CENTER	543

(...continued)
permits year round weapons training for close quarter battle.

Construction includes site improvements; utility runs to nearest source, on site transformer, gravel roadway extension, paved and lighted parking area, concrete pads for equipment transport containers.

11. Requirement: 2,564 M2 Adequate: 0 M2 Substandard: 0 M2

PROJECT:
Construct a Marine Corps Reserve Training Center at Anchorage, AK to support Company E, 4th Reconnaissance Battalion, 4th Marine Division.

Marine Corps Reserve Training Facility = 2,564 m2 = 27,599 Square Feet
Reserve Center = 1,727 m2 = 18,589 Square Feet
Vehicle & Equipment Maintenance and Storage = 837 m2 = 9,009 Square Feet
(Current mission)

REQUIREMENT:

Facility is required to provide space, equipment and communications necessary to support all aspects of training, recruiting and administration of a Marine Corps Reserve Reconnaissance Company. Facility must provide adequate and properly configured spaces necessary for this unit to achieve and maintain proficiency in prescribed training and meet operational readiness goals. Included in this requirement are training and administration, an armory, supply and equipment storage areas, vehicle maintenance and indoor storage areas, parachute drying tower and outside storage equipment transport containers.

CURRENT SITUATION:

Company E, 4th Recon Bn. occupies Building 24-855 aboard Elmendorf AFB, AK. This facility is inadequate because it does not provide sufficient space for all of the reconnaissance specific equipment organic to the unit. Much of the unit's gear, and all of the vehicles are stored outside, subject to the harsh Alaskan weather. The harsh environment accelerates the deterioration of vehicles and equipment. Moreover, Elmendorf AFB intends to terminate the present permit during FY02 in order to construct a Community Center, a new hospital, and expand the family campgrounds on the existing site.

IMPACT IF NOT PROVIDED:

317

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: M46158
MARINE RESERVE CENTER ELMENDORF AIR FORCE BASE, ALASKA

4. Project Title	7. Project Number
MARINE CORPS RESERVE TRAINING CENTER	543

(...continued)
The unit will have to continue operations from inadequate facilities, and when forced to vacate during FY02, the unit will not be able to train.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 12/98
- (B) Date Design 35% Complete..... 06/01
- (C) Date Design Complete..... 10/01
- (D) Percent Complete As Of September 1999..... 35%
- (E) Percent Complete As Of January 2000..... 80%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... No

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used: NA

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 680
- (B) All Other Design Costs..... 306
- (C) Total..... 986
- (D) Contract..... 852
- (E) In-House..... 134

(4) Contract Award..... 02/01

(5) Construction Start..... 10/01

(6) Construction Completion..... 09/02

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: MAJOR SCOTT CAMPBELL Phone No: 907-552-3981

1. Component	FY 2001 GUARD AND RESERVE MILITARY CONSTRUCTION	2. Date
NAVY		2/14/00

3. Installation and Location	4. Area Constr. Cost Index
NAVAL AND MARINE CORPS RESERVE CENTER ALAMEDA, CALIFORNIA	1.2

5. Frequency And Type Of Utilization

FIVE DAYS PER WEEK PLUS THREE WEEKENDS PER MONTH

6. Other Active/Guard/Reserve Installations Within 25 Miles

ONE COAST GUARD STATION
ONE ARMY BASE
ONE MEDICAL COMMAND

7. Projects Requested In This Program

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Complete
154.30	SEAWALL	0 LS	950	07/99	09/00

8. State Reserve Forces Facilities Board Recommendation

Facility identified in Item 7 has been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendation is the facility is approved for unilateral construction.

28 Jul 99 *(Date)*

9. Land Acquisition Required

None required.

NA *(Number Of Acres)*

10. Projects Planned In Next Four Years

Project No	Title	PY	Scope	Cost ($000)

11. Personnel Strength As Of 6/30/99

	PERMANENT				GUARD / RESERVE			
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED	CIVILIAN
AUTHORIZED	57	5	52	0	913	227	686	0
ACTUAL	59	6	53	0	901	250	651	0

12. Reserve Unit Data

Unit Designation	Strength Authorized	Actual

1. Component	FY 2001 GUARD AND RESERVE MILITARY CONSTRUCTION	2. Date
NAVY		2/14/00

3. Installation and Location	4. Area Constr. Cost Index
NAVAL AND MARINE CORPS RESERVE CENTER ALAMEDA, CALIFORNIA	1.2

NR MOBDIVSALU 1 DET 220	32	31
ABFC NCHB 3	66	67
NR THEATER MISSILE DEF DA	6	1
NR 4TH LAAD HEYWARD	0	1
NR 1 MEFREL 220	12	11
NR 4 MARDIV 1/14	14	10
NR 4FSSG 4MB H&S DET 4	5	12
HARDEFCOM ONE ONE ONE	34	34
MIUW 103	94	69
NCWGRUONE	39	1
NR MOBASCONTGRP 2001	0	0
NR COMSCPAC STF 222	19	20
NR NCSO PACIFIC 120	28	24
NR NAVBASE SDIEGO IIS 120	13	12
NR VOLTRAUNIT 2251	0	31
NR NH BREMERTON DET B	30	82
NR NDCL BREMERTON DET C	14	16
NR MTMC 320	10	9
NR VTU SUPPLY 2251	0	2
NR LSO PACIFIC 222	6	7
NR SPAWARSYSCNT SDIEGO 320	26	32
NR VTU (LAW) 2251	0	8
NR VTU POL MIL AFFAIR 2251	0	5
NR AFLOAT TRA PAC DET 220	38	27
NR WSFSB CO EOT DET 3	31	30
NR WSFSB CO EOT DET 1	48	40
NR WSFSB CO EOT DET 2	56	48
NR CPACFLT DET 420	29	22
NR CPACFLT DET 920	50	36
MCR 1TT 30	3	3
MCR 1ST BN 14TH MAR	210	210

13. Major Equipment And Aircraft

Type	Authorized	Actual
6 KW Diesel Generator	1	1
15 KW Diesel Generator	2	2
30 KW Diesel Generator	1	1
16 K Forklift	1	1
4K Gas Forklift	1	1
6K Gas Forklift	3	3

1. Component	FY 2001 GUARD AND RESERVE MILITARY CONSTRUCTION	2. Date
NAVY		2/14/00
3. Installation and Location		4. Area Constr. Cost Index
NAVAL AND MARINE CORPS RESERVE CENTER ALAMEDA, CALIFORNIA		1.2

10K Diesel Forklift	1	1
16 K Diesel Forklift	1	1
6 KW Light Plant	3	3
8 Pac Van	1	1
3/2 Ton Van	1	1
1 3/4 Ton Pick up	2	2
2 1/2 Ton Truck	3	3
5 Ton Truck	8	8
10 Ton Truck	1	1
1 1/4 Ton Truck	1	1
3/4 Ton Truck	1	1
15 Ton Tractor	4	4
10 Ton Service	1	1
20 Ton Service	1	1
50 Ton Trailer	1	1
Outboard Motor	3	3
Boston Whaler Boats w/ Trailer	2	2
Trailer (Portable Dive Locker)	2	2
HUMM V's	29	29
Commercial Vehicles - Gov	5	5

317

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N62116	4. Project Title
NAVAL AND MARINE CORPS RESERVE CENTER ALAMEDA, CALIFORNIA	SEAWALL

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0505096N	154.30	173	950

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
SEAWALL	LS	-	-	750
SLOPE RECONSTRUCTION AND RIP-RAP	LS	-	-	(500)
DEMOLITION	LS	-	-	(250)
SUPPORTING FACILITIES	LS	-	-	150
UTILITIES	LS	-	-	(20)
PARKING AND SIDEWALKS	LS	-	-	(80)
SITE IMPROVEMENTS	LS	-	-	(50)
SUBTOTAL	-	-	-	900
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	900
Supervision Inspection & Overhead (6.0%)	-	-	-	50
TOTAL REQUEST	-	-	-	950
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

Construct simplified permeable rock (rip-rap) seawall system, consisting of earth reinforcement fabric, compacted clean fill, and concrete rip-rap over reconstructed slope. Slope reconstruction will require demolition and reconstruction of portions of existing parking lot, sidewalks and utilities infrastructure. Demolish existing seawall of sheet metal piling, wood plank sections, and concrete rip-rap. Also demolish existing pier (approximately 20-foot by 50-foot) on concrete piers located in the channel immediately north of the site and connected to the site by a wooden ramp. This is a complete reconstruction of an existing real property facility that is deteriorated beyond economical repair, and is therefore classified as construction type work, vice repair.

11. Requirement: 0 LS Adequate: 0 LS Substandard: 0 LS

PROJECT:
Reconstructs a shoreline protection seawall system that is damaged beyond repair. (Current mission)

REQUIREMENT:

(Continued On DD 1391C)

317

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N62116
NAVAL AND MARINE CORPS RESERVE CENTER ALAMEDA, CALIFORNIA

4. Project Title	7. Project Number
SEAWALL	173

(...continued)

Adequate shoreline protection from static earth forces and wave action erosion is required for facilities supporting the training, administration and recruitment of Navy and Marine Corps Reservists.

CURRENT SITUATION:

Naval and Marine Corps Reserve Center (NMCRC) Alameda is located on the south side of the Oakland Inner Harbor Tidal Channel. Currently a 38 year old, deteriorated seawall exists along the channel. This seawall is made of sheet metal piling, wood plank sections, and concrete rip-rap. The seawall has deteriorated so extensively that it is unrepairable. It has failed in several locations. Wood plank sections have completely deteriorated at the water line, allowing soil erosion behind the seawall from wave action. One steel sheet pile section of the seawall has failed completely and erosion has removed a 23-foot by 50-foot section of the channel bank. Erosion behind the deteriorated seawall has caused several sinkholes on the channel bank. The adjacent parking lot is in danger of being undermined due to the seawall's deterioration.

IMPACT IF NOT PROVIDED:

The existing seawall will continue to structurally fail. Additional failure of the seawall will continue to contaminate the Oakland Inner Harbor Tidal Channel with debris, causing safety hazards to navigation, as well as continue to damage Navy property including the adjacent parking lot. The channel will eventually erode the Navy's property, which includes a newly constructed asphalt parking lot 50 feet behind the seawall with Reserve training and vehicle maintenance facilities behind it.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started	07/99
(B) Date Design 35% Complete	12/99
(C) Date Design Complete	09/00
(D) Percent Complete As Of September 1999	10%
(E) Percent Complete As Of January 2000	35%

317

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N62116
NAVAL AND MARINE CORPS RESERVE CENTER ALAMEDA, CALIFORNIA

4. Project Title	7. Project Number
SEAWALL	173

(...continued)

(F) Type of Design Contract..... Design/Bid/Build
(G) Parametric Estimate used to develop cost..... No
(H) Energy study/life-cycle analysis performed..... No

(2) Basis:
(A) Standard or Definitive Design: No
(B) Where Design Was Most Recently Used: N/A

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
(A) Production of Plans and Specifications..... 60
(B) All Other Design Costs..... 60
(C) Total..... 120
(D) Contract..... 100
(E) In-House..... 20

(4) Contract Award..... 12/00

(5) Construction Start..... 12/00

(6) Construction Completion..... 12/01

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: DON MACONI Phone No: 504 678-5078

1. Component	FY 2001 GUARD AND RESERVE MILITARY CONSTRUCTION	2. Date
NAVY		2/14/00

3. Installation and Location

NAVAL AIR STATION
ATLANTA, GEORGIA

4. Area Constr. Cost Index: 0.91

5. Frequency And Type Of Utilization

FIVE DAYS PER WEEK PLUS THREE WEEKENDS PER MONTH

6. Other Active/Guard/Reserve Installations Within 25 Miles

AIR FORCE PLANT #6
ONE AIR FORCE RESERVE BASE
TWO ARMY BASES
ONE AIR NATIONAL GUARD CENTER
TWO ARMY RESERVE CENTERS

7. Projects Requested In This Program

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Complete
740.43	FITNESS CTR ADDITION	1,256 m2	2,650	12/98	08/00
171.15	TRAINING BLDG ADDN	794 m2	1,769	05/99	03/01

8. State Reserve Forces Facilities Board Recommendation

Facilities identified in Item 7 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendation is the facilities are approved for construction.

1 Jul 99 *(Date)*

9. Land Acquisition Required

None

NA *(Number Of Acres)*

10. Projects Planned In Next Four Years

Project No	Title	PY	Scope	Cost ($000)
344A	BEQ, E1-E4 (PH I)	02	3,560 m2	6,552
344B	BEQ E1-E4 (PH II)	03	3,560 m2	6,552
358	BEQ	04	0 LS	5,946

11. Personnel Strength As Of 6/30/99

	Permanent				Guard/Reserve			
	Total	Officer	Enlisted	Civilian	Total	Officer	Enlisted	Civilian
Authorized	1,313	129	1,064	120	4,506	990	3,516	

DD FORM 1390s 1 DEC 79

1. Component	FY 2001 GUARD AND RESERVE MILITARY CONSTRUCTION	2. Date
NAVY		2/14/00

3. Installation and Location	4. Area Constr. Cost Index
NAVAL AIR STATION ATLANTA, GEORGIA	0.91

Actual	1,293	129	1,044	120	3,906	953	2,953

12. Reserve Unit Data

Unit Designation	Strength Authorized	Strength Actual
VFA-203	276	202
VFMA-142	309	309
MAG-42	263	248
MAG-42 ACE	77	99
HMLA-773	175	154
MALS-42	266	171
MWSS-472	282	173
4TH LAAD HQ	15	16
4TH LAAD BTR B	133	112
CAG-20	33	36
AIMD	148	141
NAVY RESERVE CENTER	882	859
VR-46	248	228
VAW-77	72	64
MARINE CORPS RESERVE CENTER	333	259

13. Major Equipment And Aircraft

Type	Authorized	Actual
FA-18A	12	12
E-2C	4	4
C-9	3	3
H-1	19	19
C-12	1	1

317

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00196	4. Project Title
NAVAL AIR STATION, ATLANTA, GEORGIA	FITNESS CENTER ADDITION

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0505196N	740.43	339	2,650

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
FITNESS CENTER ADDITION	M2	1,256	-	2,150
GYMNASIUM	M2	1,256	1,533	(1,930)
RENOVATION	LS	-	-	(200)
INFORMATION SYSTEMS	LS	-	-	(20)
SUPPORTING FACILITIES	LS	-	-	350
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(240)
UTILITIES	LS	-	-	(60)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(50)
SUBTOTAL	-	-	-	2,500
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	2,500
Supervision Inspection & Overhead (6.0%)	-	-	-	150
TOTAL REQUEST	-	-	-	2,650
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

This project constructs a gymnasium as an addition to the existing fitness center. Space will be constructed for a basketball/volleyball court, aerobics/exercise area, cardiovascular training area and locker rooms. Construction will consist of a steel structural frame, masonry exterior to match existing building, standing seam metal roof, heating, ventilation and air conditioning (HVAC) system, fire protection system, elevator, information systems, utilities, paving and site improvements, landscaping and renovation of existing facility including toilet/locker room configuration. Special construction feature is a structural fill upon which the addition will be built.

11. Requirement: 1,256 M2 **Adequate:** 0 M2 **Substandard:** 0 M2

PROJECT:
This project will construct a gymnasium as an addition to the existing fitness center and renovate the existing fitness center.

Fitness Center Addition = 1,256 m2 = 13,519 Square Feet (Current mission)

(Continued On DD 1391C)

317

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00196
NAVAL AIR STATION, ATLANTA, GEORGIA

4. Project Title	7. Project Number
FITNESS CENTER ADDITION	339

(...continued)

REQUIREMENT:

Physical fitness is mandated for all military personnel. Adequate spaces and proper facilities are required to support individual physical fitness, coordination, skill development and recreational needs of military personnel, dependents, retirees and authorized civilians. The primary reason for the expansion is to provide for year-round indoor basketball/volleyball courts, exercise and aerobics area, cardiovascular training and locker rooms.

CURRENT SITUATION:

The existing fitness center and indoor playing courts are inadequate to provide the necessary spaces. Exercise machines are crowded together creating an unsafe condition. There is no basketball/volleyball court or similar cardiovascular training available. The locker room is insufficient to support the number of patrons.

IMPACT IF NOT PROVIDED:

Operating as is with minimum support spaces, personnel using the fitness center will continue to be subjected to inadequate gymnasium facilities. Lack of facilities will continue to discourage participation in exercise.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 12/98
- (B) Date Design 35% Complete..... 03/99
- (C) Date Design Complete..... 04/01
- (D) Percent Complete As Of September 1999..... 35%
- (E) Percent Complete As Of January 2000..... 45%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:
- (A) Standard or Definitive Design: No

317

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00196
NAVAL AIR STATION, ATLANTA, GEORGIA

4. Project Title	7. Project Number
FITNESS CENTER ADDITION	339

(...continued)

(B) Where Design Was Most Recently Used: NA

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 135
- (B) All Other Design Costs..... 45
- (C) Total..... 180
- (D) Contract..... 145
- (E) In-House..... 35

(4) Contract Award..... 11/00

(5) Construction Start..... 01/01

(6) Construction Completion..... 02/02

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: Rick Durabb Phone No: (504) 678-5077

317

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00196	4. Project Title
NAVAL AIR STATION ATLANTA, GEORGIA	RESERVE TRAINING BUILDING ADDITION

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0505196N	171.15	355	1,769

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
RESERVE TRAINING BUILDING ADDITION	m2	794	-	1,270
RESERVE TRAINING BUILDING	m2	794	1,257	(1,000)
RENOVATION	LS	-	-	(140)
BUILT-IN EQUIPMENT	LS	-	-	(70)
TECHNICAL OPERATING MANUALS	LS	-	-	(30)
INFORMATION SYSTEMS	LS	-	-	(30)
SUPPORTING FACILITIES	LS	-	-	400
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(130)
MECHANICAL UTILITIES	LS	-	-	(20)
ELECTRICAL UTILITIES	LS	-	-	(60)
PAVING AND SITE IMPROVEMENT	LS	-	-	(190)
SUBTOTAL	-	-	-	1,670
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	1,670
Supervision Inspection & Overhead (6.0%)	-	-	-	99
TOTAL REQUEST	-	-	-	1,769
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

A two-story addition constructed to match the existing Reserve training building. It will include site improvements, street relocation, new paved drives, walks and parking areas. The construction will consist of steel framing, masonry exterior, membrane roofing, fire suppression system, heating, ventilation and air conditioning (HVAC) equipment and ductwork, fire alarm system, utilities, elevator, interior phone and data lines.

11. Requirement: 2,696 m2 Adequate: 1,902 m2 Substandard: 0 m2

PROJECT:
This project will provide additional classroom facilities needed for training reservists.

Reserve Training Building Addition = 794 m2 = 8,547 Square Feet (Current mission)

(Continued On DD 1391C)

317

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00196
NAVAL AIR STATION ATLANTA, GEORGIA

4. Project Title	7. Project Number
RESERVE TRAINING BUILDING ADDITION	355

(...continued)

REQUIREMENT:

Adequate facilities for training, including storage for training aids, is required to meet the training mission of Naval Air Station (NAS) Atlanta. The training requirement is impacted by the lack of space within the training building. Storage areas are being used for training, which has caused a lack of storage space and an overcrowding of all spaces within the training building.

CURRENT SITUATION:

The current space available for Reserve training activities is not adequate to meet the training objectives of this installation. Personnel spaces are overcrowded and storage areas for equipment and files are inadequate.

IMPACT IF NOT PROVIDED:

NAS Atlanta will continue to suffer from a lack of training spaces. Storage spaces will continue to be utilized for training, creating a lack of storage space for equipment and training aids. The efficiency and effectiveness of training will be diminished. Without adequate space and facilities, the efficiency of training on the base will decline and Reserve readiness will be jeopardized.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started	05/99
(B) Date Design 35% Complete	03/00
(C) Date Design Complete	04/01
(D) Percent Complete As Of September 1999	5%
(E) Percent Complete As Of January 2000	20%
(F) Type of Design Contract	Design Build
(G) Parametric Estimate used to develop cost	Yes
(H) Energy study/life-cycle analysis performed	No

(2) Basis:

317

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00196
NAVAL AIR STATION ATLANTA, GEORGIA

4. Project Title	7. Project Number
RESERVE TRAINING BUILDING ADDITION	355

(...continued)

(A) Standard or Definitive Design: No
(B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
(A) Production of Plans and Specifications..... 0
(B) All Other Design Costs..... 130
(C) Total..... 130
(D) Contract..... 30
(E) In-House..... 100

(4) Contract Award..... 11/00

(5) Construction Start..... 01/01

(6) Construction Completion..... 12/01

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: Rick Durabb Phone No: (504) 678-5077

1. Component	FY 2001 GUARD AND RESERVE MILITARY CONSTRUCTION	2. Date
NAVY		2/14/00

3. Installation and Location

NAVAL AIR STATION JOINT RESERVE BASE
NEW ORLEANS, LOUISIANA

4. Area Constr. Cost Index: 0.95

5. Frequency And Type Of Utilization

FIVE DAYS A WEEK PLUS THREE WEEKENDS A MONTH

6. Other Active/Guard/Reserve Installations Within 25 Miles

TWO NAVY (Navy Bio Dynamics Lab + Naval Support Activity)
ONE N&MCR and ONE ARMY RESERVE (Lakefront)
ONE ARMY (Army Corp of Engineers)
THREE ARMY NATIONAL GUARD (Jackson Barracks, Lakefront, Lakefront Airport)

7. Projects Requested In This Program

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Complete
441.10	WAREHOUSE ADDITION	335 m2	800	12/98	08/00
141.11	AIR PASSENGER TERMINAL	219 m2	590	07/99	09/00

8. State Reserve Forces Facilities Board Recommendation

Facilities identified in Item 7 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendation is that the facility is approved for construction.

21 Jan 99 *(Date)*

9. Land Acquisition Required

None.

NA *(Number Of Acres)*

10. Projects Planned In Next Four Years

Project No	Title	PY	Scope	Cost ($000)
391	FIRE TRAINING PIT FAC	02	0 LS	1,522
454	GSE COMPLEX	02	0 LS	1,854

11. Personnel Strength As Of 6/30/99

	Permanent				Guard/Reserve			
	Total	Officer	Enlisted	Civilian	Total	Officer	Enlisted	Civilian
Authorized	2,371	125	1,259	987	3,208	496	2,712	
Actual	2,288	115	1,186	987	3,047	502	2,545	

1. Component	FY 2001 GUARD AND RESERVE MILITARY CONSTRUCTION	2. Date
NAVY		2/14/00

3. Installation and Location	4. Area Constr. Cost Index
NAVAL AIR STATION JOINT RESERVE BASE NEW ORLEANS, LOUISIANA	0.95

12. Reserve Unit Data

Unit Designation	Strength			
	Authorized		Actual	
	Officer	Enlisted	Officer	Enlisted
NR NAS NEW ORLEANS 3682	14	44	7	39
NR CARRIER GROUP 0282	12	32	12	22
NR TRAWING 1 DET 182 (NAS MERIDAN, MS)	0	0	0	0
NR TRAWING 5 DET 282 (NAS WHITING FLD)	0	0	0	0
NR TRAWING 6 DET 382 (NAS PENSACOLA)	0	0	0	0
NR FLEET AIR MED 1082	16	21	10	12
FLELOGSUPPRON 54	0	0	0	0
NR TACSUPPCEN 682	7	15	7	14
NR CV-63 KITTYHAWK DET 0482	5	127	5	100
PATRON 94	69	198	66	134
STRIKE FITRON 204	25	124	19	97
NR 4MAW MED MAG 46 DET B	10	7	6	9
NR VTU 8282	0	0	50	6
NR NCIS 2182	12	4	10	4
NR ATLANTIC INTEL CMD 1182	40	35	35	35
NR VTU INTELLIGENCE 109	0	0	19	0
NR NAS PENSACOLA DET 0882	4	41	4	34
NR ABFC MMF "H"	5	118	3	78
NR SECGRU NOLA	5	20	4	20
NR AIC 1209 (FT CAMPBELL, KY)	0	0	0	0
NR AIC 1379 (NSA MEMPHIS, TN)	0	0	0	0
NR NAS NOLA MED/DEN 0182	10	18	8	16
NR VTU INTELLIGENCE 0123 (NSA MEMPHIS)	0	0	0	0
NR NMORA NEW ORLEANS 1482	3	25	3	20
NR NMORA HQ 0282 (BAY ST LOUIS, MS)	0	0	0	0
NR JICTRANS 0182 (SCOTT AFB, IL)	0	0	0	0
RECORDS REVIEW NAS NOLA	0	0	1	4
159 FIGHTER WING	91	887	87	911
926 FIGHTER WING	118	816	110	795
NTMOD NEW ORLEANS	7	25	3	20
HMLA 775 DET A	13	37	10	74
MWHS-4	29	91	23	80
MALS-42 DET C	1	27	0	21

13. Major Equipment And Aircraft

1. Component	FY 2001 GUARD AND RESERVE MILITARY CONSTRUCTION	2. Date
NAVY		2/14/00

3. Installation and Location	4. Area Constr. Cost Index
NAVAL AIR STATION JOINT RESERVE BASE NEW ORLEANS, LOUISIANA	0.95

Type	Authorized	Actual
FA-18 (VFA 204 - NAS, JRB, NEW ORLEANS)	12	12
P-3C (VP-94)	9	9
UC-12B (NAS, JRB, NEW ORLEANS)	1	1
UC-12B (MWHS-4)	2	2
CT-39G (MWHS-4)	1	1
C-130T (VR-54)	5	5
UH-1N (HMLA 775 DET A)	5	4
AH-1W (HMLA 775 DET A)	7	7
A-10 (926FW-AFRES)	17	17
C-130H (159FW-LAANG)	1	1
F-15A (159FW-LAANG)	16	16
F-15B (159FW-LAANG)	1	1
HH-65A (COAST GUARD)	5	5

317

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00206	4. Project Title
NAVAL AIR STATION, JOINT RESERVE BASE NEW ORLEANS, LA	WAREHOUSE ADDITION

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0505196N	441.10	035	800

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
WAREHOUSE ADDITION	m2	335	-	550
ADDITION	m2	335	1,553	(520)
RAISED FLOOR	LS	-	-	(30)
SUPPORTING FACILITIES	LS	-	-	210
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(50)
MECHANICAL UTILITIES	LS	-	-	(20)
ELECTRICAL UTILITIES	LS	-	-	(20)
PAVING AND SITE IMPROVEMENT	LS	-	-	(70)
DEMOLITION	LS	-	-	(50)
SUBTOTAL	-	-	-	760
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	760
Supervision Inspection & Overhead (6.0%)	-	-	-	40
TOTAL REQUEST	-	-	-	800
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

A one-story addition with a pile (special construction) supported concrete slab, concrete block exterior walls with brick veneer, double pane sound attenuating windows, gypsum board interior walls, fire suppression system, heating, ventilation and air conditioning (HVAC) equipment and ductwork, fire alarm system, utilities, and site improvements

11. Requirement: 335 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

This warehouse addition project will provide an adequate facility for the Supply Administration support personnel.

Warehouse Addition = 335 m2 = 3,606 Square Feet (Current mission)

REQUIREMENT:

Adequate and properly configured facilities to provide a Supply Administration building. The Supply department provides shipping and

(Continued On DD 1391C)

317

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00206
NAVAL AIR STATION, JOINT RESERVE BASE NEW ORLEANS, LA

4. Project Title	7. Project Number
WAREHOUSE ADDITION	035

(...continued)

receiving, contracting and logistics support for NAS JRB New Orleans and their tenant commands. This project will construct a one-story building for the Supply Administration support personnel.

CURRENT SITUATION:

Currently, the Supply Administration support personnel are located in two different sites, buildings 31 and 88. Building 31 is the supply warehouse and personnel are located in substandard, temporary plywood offices within the warehouse. This results in a decrease in the available storage space within the warehouse. Building 88 is a pre-engineered building that is substandard and does not contain enough space for the administrative staff.

IMPACT IF NOT PROVIDED:

The Supply department staff will continue to operate in inadequate and inefficient facilities at two separate sites. Warehouse space will continue to be utilized for administrative functions, thereby reducing the storage space within the warehouse.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 12/98
- (B) Date Design 35% Complete..... 03/99
- (C) Date Design Complete..... 04/01
- (D) Percent Complete As Of September 1999..... 35%
- (E) Percent Complete As Of January 2000..... 45%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... No
- (H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used: N/A

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

317

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00206
NAVAL AIR STATION, JOINT RESERVE BASE NEW ORLEANS, LA

4. Project Title	7. Project Number
WAREHOUSE ADDITION	035

(...continued)

(A) Production of Plans and Specifications..... 90
(B) All Other Design Costs..... 40
(C) Total..... 130
(D) Contract..... 120
(E) In-House..... 10

(4) Contract Award..... 11/00

(5) Construction Start..... 12/00

(6) Construction Completion..... 02/02

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: RICK DURABB Phone No: (504) 678-5077

317

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00206	4. Project Title
NAVAL AIR STATION JOINT RESERVE BASE NEW ORLEANS, LA	AIR PASSENGER TERMINAL

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0505196N	141.11	406	590

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
AIR PASSENGER TERMINAL	m2	219	-	420
BUILDING	m2	219	1,803	(390)
BUILDING ALTERATION	LS	-	-	(30)
SUPPORTING FACILITIES	LS	-	-	140
ELECTRICAL UTILITIES	LS	-	-	(30)
MECHANICAL UTILITIES	LS	-	-	(30)
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(30)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(50)
SUBTOTAL	-	-	-	560
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	560
Supervision Inspection & Overhead (6.0%)	-	-	-	30
TOTAL REQUEST	-	-	-	590
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-

10. Description of Proposed Construction

One story addition to existing Air Operations building with steel rigid frame, masonry walls, on a pile supported concrete floor slab (special construction feature), standing seam metal roof, energy efficient ventilation and air conditioning with controls, fire protection and utilities. Exterior of new building must match with existing building.

11. Requirement: 219 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

Construct one story passenger holding facility and renovate the existing building to use for Air Operations.

Passenger Holding Facility - 219 m2 = 2,357 Square Feet (Current mission)

REQUIREMENT:

The station has the responsibility of moving large numbers of Reservists to and from the station on drill weekends. The existing facility was not constructed to accommodate these numbers of personnel and to process them

(Continued On DD 1391C)

317

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00206
NAVAL AIR STATION JOINT RESERVE BASE NEW ORLEANS, LA

4. Project Title	7. Project Number
AIR PASSENGER TERMINAL	406

(...continued)

according to current regulations.

CURRENT SITUATION:

The existing facility is not large enough to support the increased number of Reservists required to be processed through the facility at Naval Air Station Joint Reserve Base (NAS JRB) New Orleans, LA.

IMPACT IF NOT PROVIDED:

The station will not be able to support the increased number of people arriving and departing from the Operations building at NAS JRB New Orleans, LA.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 07/99
- (B) Date Design 35% Complete..... 12/99
- (C) Date Design Complete..... 04/01
- (D) Percent Complete As Of September 1999..... 10%
- (E) Percent Complete As Of January 2000..... 35%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... No
- (H) Energy study/life-cycle analysis performed..... No

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used: NONE

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 37
- (B) All Other Design Costs..... 37
- (C) Total..... 74
- (D) Contract..... 62
- (E) In-House..... 12

(4) Contract Award..... 11/00

317

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N00206
NAVAL AIR STATION JOINT RESERVE BASE NEW ORLEANS, LA

4. Project Title	7. Project Number
AIR PASSENGER TERMINAL	406

(...continued)

(5) Construction Start..... 12/00

(6) Construction Completion..... 02/02

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: RICK DURABB Phone No: (504) 678-5077

1. Component	FY 2001 GUARD AND RESERVE MILITARY CONSTRUCTION	2. Date
NAVY		2/14/00

3. Installation and Location

NAVAL AND MARINE CORPS RESERVE CENTER
PORTLAND, OREGON

4. Area Constr. Cost Index: 1.12

5. Frequency And Type Of Utilization

FIVE DAYS PER WEEK PLUS THREE WEEKENDS PER MONTH

6. Other Active/Guard/Reserve Installations Within 25 Miles

ONE AIR NATIONAL GUARD
ONE ARMY NATIONAL GUARD
ONE ARMY BASE

7. Projects Requested In This Program

Catagory Code	Project Title	Scope	Cost ($000)	Design Status Start	Complete
171.15	RES CTR ALT/VEH MAINT FAC	156 m2	1,420	12/98	04/01

8. State Reserve Forces Facilities Board Recommendation

Facilities identified in Item 7 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendation is the facility is approved for construction.

28 Apr 99 *(Date)*

9. Land Acquisition Required

None required.

NA *(Number Of Acres)*

10. Projects Planned In Next Four Years

Project No	Title	PY	Scope	Cost ($000)

11. Personnel Strength As Of 6/30/99

	Permanent				Guard/Reserve			
	Total	Officer	Enlisted	Civilian	Total	Officer	Enlisted	Civilian
AUTHORIZED	59	7	52	0	696	148	548	0
ACTUAL	74	8	66	0	931	207	724	0

12. Reserve Unit Data

Unit Designation	Strength Authorized	Actual

1. Component	FY 2001 GUARD AND RESERVE MILITARY CONSTRUCTION	2. Date
NAVY		2/14/00

3. Installation and Location	4. Area Constr. Cost Index
NAVAL AND MARINE CORPS RESERVE CENTER PORTLAND, OREGON	1.12

MIUWU 110	95	86
INSHORE BOAT UNIT 13	33	31
NR AS-40 CABLE DET R	3	1
NR AS-40 CABLE DET O	67	68
NR COMSUBPAC DET 122	65	63
NR COMSUBGRU 7 DET 222	22	23
NR CG-57 LAKE CHAMP D5722	28	24
ABFC NCHB 5 DET D322	37	36
NR 4TH FSSG 4 DENCO DET 2	3	7
NR 4TH FSSG 6TH ENGR B	2	2
NR 4 FSSG 6TH ENGR	18	17
NR 4TH FSSG 4MB SSA MSE3A	4	4
NR MOBASCONTGRP 2206	0	0
NMCB 18 DET 1418	1	94
NR NCSO PACIFIC 122	28	31
NR VOLTRAUNIT 2206	0	20
NR NAVSHIPYD PUGET 322	3	5
NR NH BREMERTON DET E	2	54
NR NH BREMERTON DET P3	24	13
NR FISC PEARL HARBOR 122	48	45
NR VTU LAW 2206	0	2
NR US NAVAK JUNEAU DET 222	13	13
MCR 6TH ENGR SUPP BN HQ	185	268
MCR CSSE 41	15	23

13. Major Equipment And Aircraft

Type	Authorized	Actual
5 TON MERCEDES TRUCK	1	1
5 TON TACTICAL TRUCK	1	1
27 FT WHALER BOAT	1	1
1 TON TRUCK	2	2
5 TON 6X6 TRUCK	1	1
2 TON TRUCK	4	3
1 TON TRUCK	1	1
TON TRUCK	1	1
400 GL TRAILOR	1	1
30 KW GENERATOR	2	2
1 TON TRAILOR	0	2
6000 LB FORKLIFT	1	1

317

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N62145	4. Project Title
NAVAL AND MARINE CORPS RESERVE CENTER, PORTLAND, OREGON	RESERVE CENTER ALTER & VEHICLE MAINT FAC

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0505096N	171.15	166	1,420

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
RESERVE CENTER ALTER & VEHICLE MAINT FAC	M2	156	-	920
MODIFICATION TO EXISTING BUILDING	LS	-	-	(550)
VEHICLE MAINTENANCE	M2	156	1,693	(260)
INFORMATION SYSTEMS	LS	-	-	(70)
TECHNICAL OPERATING MANUALS	LS	-	-	(40)
SUPPORTING FACILITIES	LS	-	-	420
UTILITIES, PAVING, AND SITE IMPROVEMENTS	LS	-	-	(420)
SUBTOTAL	-	-	-	1,340
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	1,340
Supervision Inspection & Overhead (6.0%)	-	-	-	80
TOTAL REQUEST	-	-	-	1,420
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	145

10. Description of Proposed Construction

Renovate the existing Reserve training building, and construct a vehicle maintenance facility (VMF) with reinforced concrete slab and foundation, metal stud framing, sloped standing seam metal roof, insulation, fire protection, information systems, utilities, paving, parking lighting and site improvements. Exterior to match existing adjacent structures.

11. Requirement: 472 M2 Adequate: 316 M2 Substandard: 0 M2

PROJECT:
Reconfigure space within existing training building, and construct new VMF.

Reserve Center Alterations & Vehicle Maintenance = 156 m2 = 1,679 Square Feet (Current mission)

REQUIREMENT:

Adequate and properly-configured facilities for training, administration, operations, equipment storage, and vehicle maintenance and storage to support a Mobile Inshore Undersea Warfare Unit (MIUWU), Inshore Boat Unit

(Continued On DD 1391C)

317

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N62145
NAVAL AND MARINE CORPS RESERVE CENTER, PORTLAND, OREGON

4. Project Title	7. Project Number
RESERVE CENTER ALTER & VEHICLE MAINT FAC	166

(...continued)

(IBU) and other Navy and Marine Corps Reserve units assigned to the Reserve Center.

CURRENT SITUATION:

The MIUWU and the IBU assigned to the Naval and Marine Corps Reserve Center (NMCRC) are currently located in a separate leased facility. The lease costs approximately $23,000/month ($276,000/year). The Reserve Center has sufficient but improperly configured space for training and administration which must be modified to accommodate MIUWU and IBU requirements. But, the space for vehicle maintenance is insufficient to accommodate the requirements.

IMPACT IF NOT PROVIDED:

Without this project, the MIUWU and IBU will continue to operate in a costly leased space located off-site from the NMCRC which supports them. The lease costs are expected to escalate after 2003 due to increased market demand as well as inflation. Significant cost savings will not be realized.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 12/98
- (B) Date Design 35% Complete..... 03/00
- (C) Date Design Complete..... 04/01
- (D) Percent Complete As Of September 1999..... 5%
- (E) Percent Complete As Of January 2000..... 30%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

317

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N62145
NAVAL AND MARINE CORPS RESERVE CENTER, PORTLAND, OREGON

4. Project Title	7. Project Number
RESERVE CENTER ALTER & VEHICLE MAINT FAC	166

(...continued)

(A) Production of Plans and Specifications..... 97
(B) All Other Design Costs..... 98
(C) Total..... 195
(D) Contract..... 180
(E) In-House..... 15

(4) Contract Award..... 12/00

(5) Construction Start..... 04/01

(6) Construction Completion..... 01/02

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
COLLATERAL EQUIPMENT	OMN	2001	145

Activity POC: DON MACONI Phone No: 504 678-5078

317

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N64480	4. Project Title
NAVAL AND MARINE CORPS INSTALLATIONS VARIOUS LOCATIONS	PLANNING AND DESIGN

5. Program Element	6. Catagory Code	7. Project Number	8. Project Cost
0901211N	010.00	501	1,521

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PLANNING AND DESIGN	LS	-	-	1,520
SUBTOTAL	-	-	-	1,520
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	1,520
Supervision Inspection & Overhead (0.0%)	-	-	-	1
TOTAL REQUEST	-	-	-	1,521
EQUIPMENT FROM OTHER APPROPRIATIONS		- -	(NON-ADD)	-

10. Description of Proposed Construction

Funds to be utilized under Title 10 USC 18233(e) for architectural and engineering services and construction design in connection with military construction projects including regular program projects, unspecified minor construction, emergency construction, land appraisals, and special projects as directed. Engineering investigations, such as field surveys and foundation exploration, will be undertaken as necessary.

11. Requirement: 0 LS Adequate: 0 LS Substandard: 0 LS

PROJECT:
All projects in a military construction program presented for approval must be based on sound engineering and the best cost data available. For this reason, design is initiated to establish project estimates in advance of program submittal to the Congress. Based on this preliminary design, final plans and specifications are then prepared. These costs for architectural and engineering services and construction design are not provided for in the construction project cost estimates.

REQUIREMENT:

CURRENT SITUATION:

IMPACT IF NOT PROVIDED:

(Continued On DD 1391C)

317

1. Component	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/14/00

3. Installation and Location/UIC: N64480
NAVAL AND MARINE CORPS INSTALLATIONS VARIOUS LOCATIONS

4. Project Title	7. Project Number
PLANNING AND DESIGN	501

(...continued)

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 01/00
- (B) Date Design 35% Complete..... 01/00
- (C) Date Design Complete..... 01/00
- (D) Percent Complete As Of September 1999..... 0%
- (E) Percent Complete As Of January 2000..... 0%
- (F) Type of Design Contract.....
- (G) Parametric Estimate used to develop cost..... N/A
- (H) Energy study/life-cycle analysis performed..... N/A

(2) Basis:
- (A) Standard or Definitive Design: No
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 0
- (B) All Other Design Costs..... 0
- (C) Total..... 0
- (D) Contract..... 0
- (E) In-House..... 0

(4) Contract Award.....

(5) Construction Start..... 01/00

(6) Construction Completion..... 01/00

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: Phone No:

DEPARTMENT OF THE NAVY
NAVAL AND MARINE CORPS RESERVE
FY2001-FY2005 FUTURE YEARS MILITARY CONSTRUCTION PROGRAM (FYDP)
(DOLLARS IN THOUSANDS)

FY	STATE	INSTALLATION	PROJECT	TYPE	COST
2001	AK	ELMENDORF AK II STF	MARCORPS RES TRNG CTR	NEW MISSION	6,403
2001	CA	ALAMEDA CA NMCRC	SEAWALL	REPLACEMENT	950
2001	GA	ATLANTA GA NAS	FITNESS CTR ADDITION	REPLACEMENT	2,650
2001	GA	ATLANTA GA NAS	TRAINING BLDG ADDN	EXISTING MISSION	1,769
2001	LA	NEW ORLEANS LA NAS	WAREHOUSE ADDITION	EXISTING MISSION	800
2001	LA	NEW ORLEANS LA NAS	AIR PASSENGER TERMINAL	EXISTING MISSION	590
2001	OR	PORTLAND OR NMCRC	RES CTR ALT/VEH MAINT FAC	EXISTING MISSION	1,420
				TOTAL MILCON	14,582
				Unspecified MC	0
				Planning & Design	1,521
				Total FY 2001 Program	16,103
2002	AR	LITTLE ROCK AR NMCRC	RESCEN ADDN	EXISTING MISSION	1,571
2002	GA	ATLANTA GA NAS	BEQ, E1-E4 (PH I)	EXISTING MISSION	6,552
2002	LA	LAFAYETTE LA NMCRC	RESERVE TRNG CTR	NEW MISSION	3,432
2002	LA	NEW ORLEANS LA NAS	FIRE TRAINING PIT FAC	EXISTING MISSION	1,522
2002	LA	NEW ORLEANS LA NAS	GSE COMPLEX	EXISTING MISSION	1,854
2002	MN	DULUTH MN NRC	RESERVE CENTER ADDITION	EXISTING MISSION	1,864
2002	PA	LEHIGH VALLEY PA NRC	NAVAL RESERVE CTR ADDITION	EXISTING MISSION	1,218
2002	VA	WILLIAMSBURG VA REGSTAFF	HEADQUARTERS BUILDING	EXISTING MISSION	1,712
2002	WV	SO CHARLESTON WV NRC	RESERVE CENTER ADDITION	REPLACEMENT	1,971
				TOTAL MILCON	21,696
				Unspecified MC	265
				Planning & Design	1,936
				Total FY 2002 Program	23,897
2003	CA	SAN DIEGO CA NMCRRC	MIUWU/IBU	EXISTING MISSION	2,095
2003	GA	ATLANTA GA NAS	BEQ E1-E4 (PH II)	EXISTING MISSION	6,552
2003	GA	AUGUSTA GA NMCRC	RESERVE CENTER WITH LAND	REPLACEMENT	5,524
2003	IN	FT WAYNE IN 4TH FSSG	RESERVE CENTER	NEW MISSION	4,353
2003	WY	CHEYENNE WY NRC	RESERVE TRNG BLDG ADDN	EXISTING MISSION	952
				TOTAL MILCON	19,476
				Unspecified MC	229
				Planning & Design	1,880
				Total FY 2003 Program	21,585
2004	FL	JACKSONVILLE FL NAVAIRES	RENOVATE HANGAR 115	NEW MISSION	2,971
2004	FL	TALLAHASSEE FL NMCRC	RESERVE CENTER ADDITION	EXISTING MISSION	2,286
2004	GA	ATLANTA GA I&ISTF4THFSSG	RESERVE TRNG CTR SAVANNAH	NEW MISSION	5,489
2004	GA	ATLANTA GA NAS	BEQ	REPLACEMENT	5,946
2004	MI	SELFRIDGE AFB MI MARTD	MAR RESERVE TRNG CTR	NEW MISSION	1,189
2004	NM	ALBUQUERQUE NM NMCRC	RESERVE CENTER ADDITION	EXISTING MISSION	2,478
2004	OH	COLUMBUS OH NMCRC	CONSOLIDATED NMCRC	REPLACEMENT	7,143
2004	PA	WILLOW GROVE PA NAS	WAREHOUSE	EXISTING MISSION	550
				TOTAL MILCON	28,052
				Unspecified MC	238
				Planning & Design	1,695
				Total FY 2004 Program	29,985
2005	GA	ATLANTA GA NMCRC	RESERVE HANGAR	NEW MISSION	5,590
2005	LA	NEW ORLEANS LA NSA	RECREATIONAL AREA	EXISTING MISSION	1,521
2005	MO	KANSAS CITY MO NMCRC	LSS TRAINING FAC	NEW MISSION	3,256
2005	NY	SYRACUSE NY I&I STAFF	RESERVE TANK MAINT FAC	EXISTING MISSION	2,187
2005	OR	EUGENE OR NMCRC	RESCEN W/LAND	EXISTING MISSION	5,905
2005	TX	FT WORTH TX NASJRB	RELIGIOUS MINISTRY	REPLACEMENT	1,458
				TOTAL MILCON	19,917

DEPARTMENT OF THE NAVY
NAVAL AND MARINE CORPS RESERVE
FY2001-FY2005 FUTURE YEARS MILITARY CONSTRUCTION PROGRAM (FYDP)
(DOLLARS IN THOUSANDS)

Unspecified MC	0
Planning & Design	2,333
Total FY 2005 Program	22,250

DEPARTMENT OF THE NAVY
NAVAL RESERVE
FY2001-FY2005 FUTURE YEARS MILITARY CONSTRUCTION PROGRAM (FYDP)
(DOLLARS IN THOUSANDS)

FY	STATE	INSTALLATION	PROJECT	TYPE	COST
2001	CA	ALAMEDA CA NMCRC	SEAWALL	REPLACEMENT	950
2001	GA	ATLANTA GA NAS	FITNESS CTR ADDITION	REPLACEMENT	2,650
2001	GA	ATLANTA GA NAS	TRAINING BLDG ADDN	EXISTING MISSION	1,769
2001	LA	NEW ORLEANS LA NAS	WAREHOUSE ADDITION	EXISTING MISSION	800
2001	LA	NEW ORLEANS LA NAS	AIR PASSENGER TERMINAL	EXISTING MISSION	590
2001	OR	PORTLAND OR NMCRC	RES CTR ALT/VEH MAINT FAC	EXISTING MISSION	1,420
				TOTAL MILCON	8,179
				Unspecified MC	0
				Planning & Design	1,360
				Total FY 2001 Program	9,539
2002	AR	LITTLE ROCK AR NMCRC	RESCEN ADDN	EXISTING MISSION	1,571
2002	GA	ATLANTA GA NAS	BEQ, E1-E4 (PH I)	EXISTING MISSION	6,552
2002	LA	NEW ORLEANS LA NAS	FIRE TRAINING PIT FAC	EXISTING MISSION	1,522
2002	LA	NEW ORLEANS LA NAS	GSE COMPLEX	EXISTING MISSION	1,854
2002	MN	DULUTH MN NRC	RESERVE CENTER ADDITION	EXISTING MISSION	1,864
2002	PA	LEHIGH VALLEY PA NRC	NAVAL RESERVE CTR ADDITION	EXISTING MISSION	1,218
2002	VA	WILLIAMSBURG VA REGSTAFF	HEADQUARTERS BUILDING	EXISTING MISSION	1,712
2002	WV	SO CHARLESTON WV NRC	RESERVE CENTER ADDITION	REPLACEMENT	1,971
				TOTAL MILCON	18,264
				Unspecified MC	265
				Planning & Design	1,410
				Total FY 2002 Program	19,939
2003	CA	SAN DIEGO CA NMCRRC	MIUW ADDN	EXISTING MISSION	2,095
2003	GA	ATLANTA GA NAS	BEQ E1-E4 (PH II)	EXISTING MISSION	6,552
2003	GA	AUGUSTA GA NMCRC	RESERVE CENTER WITH LAND	REPLACEMENT	5,524
2003	WY	CHEYENNE WY NRC	RESERVE TRNG BLDG ADDN	EXISTING MISSION	952
				TOTAL MILCON	15,123
				Unspecified MC	229
				Planning & Design	1,250
				Total FY 2003 Program	16,602
2004	FL	JACKSONVILLE FL NAVAIRES	RENOVATE HANGAR 115	NEW MISSION	2,971
2004	FL	TALLAHASSEE FL NMCRC	RESERVE CENTER ADDITION	EXISTING MISSION	2,286
2004	GA	ATLANTA GA NAS	BEQ	REPLACEMENT	5,946
2004	NM	ALBUQUERQUE NM NMCRC	RESERVE CENTER ADDITION	EXISTING MISSION	2,478
2004	OH	COLUMBUS OH NMCRC	CONSOLIDATED NMCRC	REPLACEMENT	7,143
2004	PA	WILLOW GROVE PA NAS	WAREHOUSE	EXISTING MISSION	550
				TOTAL MILCON	21,374
				Unspecified MC	238
				Planning & Design	1,031
				Total FY 2004 Program	22,643
2005	LA	NEW ORLEANS LA NSA	RECREATIONAL AREA	EXISTING MISSION	1,521
2005	MO	KANSAS CITY MO NMCRC	LSS TRAINING FAC	NEW MISSION	3,256
2005	OR	EUGENE OR NMCRC	RESCEN W/LAND	EXISTING MISSION	5,905
2005	TX	FT WORTH TEXAS	RELIGIOUS MINISTRY	REPLACEMENT	1,458
				TOTAL MILCON	12,140
				Unspecified MC	0
				Planning & Design	1,674
				Total FY 2005 Program	13,814

DEPARTMENT OF THE NAVY
MARINE CORPS RESERVE
FY2001-FY2005 FUTURE YEARS MILITARY CONSTRUCTION PROGRAM (FYDP)
(DOLLARS IN THOUSANDS)

FY	STATE	INSTALLATION	PROJECT	TYPE	COST
2001	AK	ELMENDORF AK II STF	MARCORPS RES TRNG CTR	NEW MISSION	6,403
				Total MILCON	6,403
				Unspecified MC	0
				Planning & Design	161
				Total FY2001 Program	6,564
2002	LA	LAFAYETTE LA NMCRC	RESERVE TRNG CTR	NEW MISSION	3,432
				Total MILCON	3,432
				Unspecified MC	0
				Planning & Design	526
				Total FY2002 Program	3,958
2003	IN	FT WAYNE IN 4TH FSSG	RESERVE CENTER	NEW MISSION	4,353
				Total MILCON	4,353
				Unspecified MC	0
				Planning & Design	630
				Total FY2003 Program	4,983
2004	GA	ATLANTA GA I&ISTF4THFSSG	RESERVE TRNG CTR SAVANNAH	NEW MISSION	5,489
2004	MI	SELFRIDGE AFB MI MARTD	MAR RESERVE TRNG CTR	NEW MISSION	1,189
				Total MILCON	6,678
				Unspecified MC	0
				Planning & Design	664
				Total FY2004 Program	7,342
2005	GA	ATLANTA GA NMCRC	RESERVE HANGAR	NEW MISSION	5,590
2005	NY	SYRACUSE NY I&I STAFF	RESERVE TANK MAINT FAC	EXISTING MISSION	2,187
				Total MILCON	7,777
				Unspecified MC	0
				Planning & Design	659
				Total FY2005 Program	8,436



Department of Defense

FY 2001 Budget Estimates

Military Construction Program

Family Housing Program

FY 2001 Defense-Wide

Justication Data Submitted To Congress

February 2000

FY 2001 BUDGET ESTIMATES
Military Construction, Defense-Wide
Table of Contents

	Page No.
STATE LIST	iii
BUDGET APPENDIX	x
SPECIAL PROGRAM CONSIDERATIONS	xii
AGENCY/ACTIVITY SUMMARY	xiv
AGENCIES – INSIDE AND OUTISDE U.S.	
Ballistic Missile Defense Organization	001
TRICARE Management Activity	006
Defense Finance and Accounting Service	054
Defense Logistics Agency	059
DoD Dependents Education	110
Defense Threat Reduction Agency	129
National Security Agency	133
Office of the Secretary of Defense	141
U.S. Special Operations Command	171
ENERGY CONSERVATION INVESTMENT PROGRAM	216
CONTINGENCY CONSTRUCTION	218
MINOR CONSTRUCTION	220
PLANNING AND DESIGN	222

FY 2001 MILITARY CONSTRUCTION, DEFENSE-WIDE
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Alaska				
TRICARE Management Activity				
Fort Wainwright				
Hospital Replacement (Phase II)	-	44,000	C	8
California				
TRICARE Management Activity				
Camp Pendleton Marine Corps Base				
FHOTC Support Facilities	2,900	2,900	C	12
Medical/Dental Clinic Replacement (Horno)	3,950	3,950	C	15
Medical/Dental Clinic Replacement (Las Flores)	3,550	3,550	C	18
Medical/Dental Clinic Replacement (Las Pulgas)	3,750	3,750	C	21
Edwards Air Force Base				
Medical Clinic Addition/Dental Clinic Alteration	17,900	17,900	C	24
Special Operations Command				
Coronado Naval Amphibious Base				
SOF Applied Instruction Facility	4,300	4,300	C	172
North Island Naval Air Station				
SOF Small Craft Berthing Facility	1,350	1,350	C	175
Defense Logistics Agency				
Defense Fuel Support Point, North Island NAS				
Replace Fuel Storage Tanks	5,900	5,900	C	61
Defense Fuel Support Point Twentynine Palms				
Fuel Storage Facility	2,200	2,200	C	64
Florida				
TRICARE Management Activity				
Eglin Air Force Base				
Hopital Addition Alteration/LSU	37,600	37,600	C	28
Patrick Air Force Base				
Medical Clinic	2,700	2,700	C	32
Tyndall Air Force Base				
Medical Clinic Addition/Alteration	7,700	7,700	C	36
Special Operations Command				
Eglin Air Force Base, Auxiliary Field 9				
SOF Airfield Readiness Improvements	3,000	3,000	C	179
SOF Hot Cargo Pad	7,354	7,354	C	181
SOF Corrosion Control Facility	8,100	8,100	C	183
SOF Age Maintenance/Dispatch Complex	4,750	4,750	C	185

FY 2001 MILITARY CONSTRUCTION, DEFENSE-WIDE
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Defense Logistics Agency				
MacDill Air Force Base				
Replace Hydrant Fuel System	16,956	16,956	C	67
Kansas				
Defense Logistics Agency				
Defense Fuel Support Point McConnell AFB				
Hydrant Fuel System	11,000	11,000	C	70
Kentucky				
Special Operations Command				
Fort Campbell				
SOF Flight Simulator Facility	5,400	5,400	C	188
SOF Tactical Equipment Complex	6,400	6,400	C	190
SOF Equipment Maintenance Complex	4,500	4,500	C	193
Maryland				
National Security Agency				
Fort Meade				
Critical Utility Control (Phase II)	769	769	C	135
Route 32	3,459	3,459	C	13
Defense Logistics Agency				
Defense Fuel Support Point Patuxent River				
Replace Operating Fuel Tanks	8,300	8,300	C	73
Nevada				
Defense Logistics Agency				
Fallon Naval Air Station				
Replace Operating Fuel Tanks	5,000	5,000	C	76
New York				
TRICARE Management Activity				
Fort Drum				
Veterinary Treatment Facility	1,400	1,400	C	40
North Carolina				
Special Operations Command				
Fort Bragg				
SOF media Operations Complex	8,600	8,600	C	196
DoD Dependent Schools				
Camp Lejeune				
Construct Elementary School	5,914	5,914	C	11

FY 2001 MILITARY CONSTRUCTION, DEFENSE-WIDE
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Defense Logistics Agency				
Defense Fuel Support Point MCAS Cherry Point				
Replace Fuel Storage Tanks	5,700	5,700	C	79
Pennsylvania				
Defense Logistics Agency				
Defense Distribution New Cumberland				
Child Development Center	4,700	4,700	C	83
Replace Controlled Humidity Warehouse	13,000	13,000	C	85
South Carolina				
DoD Dependent Schools				
Laurel Bay Island				
Elementary School Classroom Addition	804	804	C	113
Virginia				
Special Operations Command				
Dam Neck Fleet Combat Training Center-Atlantic				
Operational Support Facility	5,500	5,500	N	206
Little Creek Naval Amphibious Base				
SOF Air Operations Facility	5,400	5,400	C	204
Oceana Naval Air Station				
SOF Operations Support Facility	3,400	3,400	C	200
Defense Logistics Agency				
Defense General Supply Center				
Emergency Services Facility	4,500	4,500	C	87
DFSC Oceana Naval Air Station				
Replace Fuel Storage Tank	2,000	2,000	C	90
Germany				
TRICARE Management Activity				
Kitzingen				
Health/Dental Clinic Life Safety Upgrade	1,400	1,400	C	45
Wiesbaden				
Health/Dental Clinic Addition/Alteration	7,187	7,187	C	48
Defense Finance and Accounting Service				
Kleber Kaserne				
Renovate Admin Facility	7,500	7,500	C	55

FY 2001 MILITARY CONSTRUCTION, DEFENSE-WIDE
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Defense Threat Reduction Agency				
Darmstadt				
Renovate Admin Facility	2,450	2,450	C	130
DoD Dependent Schools				
Hanau				
Argonner Elementary Classroom Addition	1,026	1,026	C	115
Hohenfels				
Construct High School	13,774	13,774	C	117
Schweinfurt				
Schweinfurt Elementary Classroom Addition	1,444	1,444	C	119
Wuerzburg				
Wuerzburg Elementary Classroom Addition	1,798	1,798	C	121
Guam				
Defense Logistics Agency				
Defense Fuel Support Point Andersen AFB				
Replace Fuel Storage Tanks	16,000	16,000	C	9
Defense Fuel Support Point Guam				
Replace Hydrant Fuel System	20,000	20,000	C	96
Italy				
TRICARE Management Activity				
Naples Naval Support Activity				
Medical/Dental Facility Replacement	43,850	43,850	C	51
DoD Dependent Schools				
Sigonella				
Sigonella Elementary Classroom Addition	971	971	C	123
Defense Logistics Agency				
DFSC Sigonella Naval Air Station				
Replace Bulk Fuel Storage Facility	16,300	16,300	C	98
Japan				
Defense Logistics Agency				
Defense Fuel Support Point Iwakuni				
Bulk Fuel Storage Tanks	22,400	22,400	C	101
Misawa Air Base				
Bulk Fuel Storage Tanks	26,400	26,400	C	104

FY 2001 MILITARY CONSTRUCTION, DEFENSE-WIDE
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Korea				
Special Operations Command				
Taegu Air Base				
SOF Tactical Equipment Maintenance Complex	1,450	1,450	C	209
Puerto Rico				
Special Operations Command				
Roosevelt Roads Naval Air Station				
SOF Boat Maintenance Facility	1,241	1,241	C	213
United Kingdom				
DoD Dependent Schools				
RAF Feltwell				
Feltwell Elementary Classroom Addition	1,287	1,287	C	125
RAF Lakenheath				
Lakenheath Elementary Classroom Addition	3,086	3,086	C	127
Defense Logistics Agency				
DESC Mildenhall				
Replace Hydrant Fuel System	10,000	10,000	C	107
Ecuador				
Office of the Secretary of Defense				
Manta Air Base				
Expeditionary Rescue Station	2,200	2,200	N	143
Expeditionary Squadron Ops/AMU/Storage	2,600	2,600	N	145
Aircraft Maintenance Hanger/Nose Dock/Apron	6,723	6,723	N	147
Expeditionary Maintenance Facilities	4,900	4,900	N	149
Exped Visiting Airmen Quarters/Dining Facility	4,650	4,650	N	151
Expeditionary Visiting Officer Quarters	1,600	1,600	N	153
Curacao/Aruba				
Office of the Secretary of Defense				
Aruba				
Airfield Pavement /Rinse Facility	8,800	8,800	N	156
Expeditionary Maintenance Facilities	860	860	N	158
Small Expeditionary Aircraft Maint Hangar/Apron	590	590	N	160
Curacao				
Airfield Pavement/Rinse Facility	29,500	29,500	N	163
Expeditionary Squadron Ops/AMU/Storage	2,200	2,200	N	165
Aircraft Maintenance Hangar/Nose Dock/Apron	9,200	9,200	N	167
Expeditionary Maintenance Facilities	3,000	3,000	N	169

FY 2001 MILITARY CONSTRUCTION, DEFENSE-WIDE
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Worldwide Unspecified				
Ballistic Missile Defense Organization				
National Missile Defense Initial Deploy. Facilities	451,135	85,095	N	2
Defense Level Activities				
Energy Conservation Investment Program	33,570	33,570	C	217
Contingency Construction	-	10,000	C	218
Unspecified Minor Construction			C	220
TRICARE Management Activity	-	3,000		
Defense Finance and Accounting Service	-	1,500		
Ballistic Missile Defense Organization	-	3,694		
Joint Chiefs of Staff	-	6,196		
Defense Level Activities	-	3,000		
TOTAL Minor Construction	-	17,390		
Planning and Design			C	222
TRICARE Management Activity	-	22,000		
Office of the Secretary of Defense	-	2,900		
Defense Intelligence Agency	-	6,786		
Defense Logistics Agency	-	1,800		
Special Operations Command	-	3,790		
Ballistic Missile Defense Organization	-	14,729		
Defense Threat Reduction Agency	-	2,600		
Defense Level Activities	-	24,000		
TOTAL Planning and Design	-	78,605		
TOTAL MILITARY CONSTRUCTION, DEFENSE-WIDE	**1,000,798,000**	**784,753,000**		

FY 2001 BUDGET ESTIMATES
Military Construction, Defense-Wide

(Including Transfer of Funds)

For acquisition, construction, installation, and equipment of temporary or permanent public works, installations, facilities, and real property for activities and agencies of the Department of Defense (other than the military departments), as currently authorized by law, $784,753,000, to remain available until September 30, 2005: *Provided*, That such amounts of this appropriation as may be determined by the Secretary of Defense available for military construction or family housing as he may designate, to be merged with and to be available for the same purposes, and for the same time period, as the appropriation or fund to which transferred: *Provided further*, That of the amount appropriated, not to exceed $78,605,000 shall be available for study, planning, design, architect and engineer services, as authorized by law, unless the Secretary of Defense determines that additional obligations are necessary for such purposes and notifies the Committees on Appropriations of both Houses of Congress of his determination and the reason therefor. In addition, for the foregoing purposes, $230,800,000 to become available on October 1, 2001 and to remain available until September 30, 2006; $147,400,000 to become available on October 1, 2002 and to remain available until September 30, 2007; $50,000,000 to become available on October 1, 2003 and to remain available until September 30, 2008; and $18,900,000 to become available on October 1, 2004 and to remain available until September 30, 2009 (Military Construction Appropriations Act, 1999).

FY 2001 BUDGET ESTIMATES
Military Construction, Defense-Wide
Special Program Considerations

POLLUTION ABATEMENT

The military construction projects proposed in this program will be designed to meet environmental standards. Military construction projects proposed primarily for abatement of existing pollution problems at installation have been reviewed to ensure that corrective design is accomplished in accordance with specific standards and criteria.

ENERGY CONSERVATION

Military construction projects specifically for energy conservation at installations have been developed, reviewed, and selected with prioritization by energy savings per investment cost. Projects include improvements to existing facilities and utilities systems to upgrade design, eliminate waste, and install energy saving devices. Projects are designed for minimum energy consumption.

FLOODPLAIN MANAGEMENT AND WETLANDS PROTECTION

Proposed land acquisitions, disposals, and installation construction projects have been planned to allow the proper management of flood plains and the protection of wetlands by avoiding long-and short-term adverse impacts, reducing the risk of flood losses, and minimizing the loss or degradation of wetlands. Project planning is in accordance with the requirements of Executive Order Nos. 11988, Floodplain Management, and 11990, Protection of Wetlands, and the Floodplain Management Guidelines of the U.S. Water Resources Council. Projects have been sited to avoid or reduce the risk of flood loss, minimize the impact of floods on human safety, health and welfare, preserve and enhance the natural and beneficial values of wetlands and minimize the destruction, loss or degradation of wetlands.

DESIGN FOR ACCESSIBILITY OF PHYSICALLY HANDICAPPED PERSONNEL

In accordance with Public Law 90480 and the Americans with Disabilities Act Accessibility Guidelines, provisions for physically handicapped personnel will be provided for, where appropriate, in the design of facilities included in this program.

PLANNING IN THE NATIONAL CAPITAL REGION

Projects located in the National Capital Region are submitted to the National Capital Planning Commission for budgetary review and comment as part of the Commission's annual review of the Future Years Defense Program (FYDP). Construction projects within the District of Columbia with the exception of the

Bolling/Anacostia area are submitted to the commission for approval prior to the start of construction.

ENVIRONMENTAL PROTECTION

In accordance with Section 102(2)(c) of the National Environmental Policy Act of 1969 (P.L. 91-190), the environmental impact analysis process has been completed or is actively underway for all projects in the Military Construction Program.

CERTIFICATION OF MEDICAL PROJECTS OVER $50 MILLION DOLLARS

The Conference Appropriations language, 104-247, directed the Service Secretary of jurisdiction to submit a separate certification, at the time of the budget submission, to the committees on Appropriations stating concurrence with the cost and scope of medical projects budgeted by the Tricare Management Activity which exceed $50,000,000. The Committees on Appropriations subsequently requested certification for all of the projects budgeted by the Tricare Management Activity. The certifications for the FY 2001 budget submission will be provided under separate cover.

REAL PROPERTY MAINTENANCE

Consistent with House and Senate language included in their respective reports to Accompany the FY 1997 Military Construction Appropriations Act, the budget submission includes the real property maintenance backlog at all installations for which there is a requested construction project where the Agency involved is responsible for the funding of that work.

FY 2001 BUDGET ESTIMATES
Military Construction, Defense-Wide
Agency Summary

	Authorization	Appropriations
Ballistic Missile Defense Organization	451,135,000	85,095,000
TRICARE Management Activity	133,887,000	177,887,000
Defense Finance and Accounting Service	7,500,000	7,500,000
Defense Logistics Agency	190,356,000	190,356,000
DoD Dependents Education	30,104,000	30,104,000
Defense Threat Reduction Agency	2,450,000	2,450,000
National Security Agency	4,228,000	4,228,000
Office of the Secretary of Defense	76,823,000	76,823,000
U.S. Special Operations Command	70,745,000	70,745,000
Energy Conservation Investment Program	33,570,000	33,570,000
Contingency Construction	-	10,000,000
Minor Construction	-	17,390,000
Planning and Design	-	78,605,000
TOTAL	1,000,798,000	784,753,000

FY 2001 MILITARY CONSTRUCTION, DEFENSE-WIDE
($ in Thousands)

State/Agency/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Unspecified Worldwide Locations				
National Missile Defense Initial Deployment Facilities	451,135	85,095	N	2
Total	**451,135**	**85,095**		

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
BMDO		Feb 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR. COST INDEX
Various Worldwide Locations	BALLISTIC MISSILE DEFENSE ORGANIZATION	Various

6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
A. AS OF N/A										
B. END N/A										

7. INVENTORY DATA ($000)

A. TOTAL AREA	0 ha (0 AC)	
B. INVENTORY TOTAL AS OF	.....	N/A
C. AUTHORIZATION NOT YET IN INVENTORY	.....	N/A
D. AUTHORIZATION REQUESTED IN THE FY2001	.....	451,135
E. AUTHORIZATION REQUESTED IN THE FY2002	.....	
F. PLANNED IN NEXT THREE PROGRAM YEARS	.....	
G. REMAINING DEFICIENCY	.....	0
H. GRAND TOTAL	.....	451,000

8. PROJECTS REQUESTED IN THE FY2001 PROGRAM:

CATEGORY CODE	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
141	NMD Initial Deployment Facs, Ph I	85,095	Mar 99	Jun 00

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN FY 2002		
141	NMD Initial Deployment Facs, Ph II	189,900
	TOTAL	189,900
B. PLANNED NEXT THREE YEARS		
141	NMD Initial Deployment Facs, Ph III	124,400
141	NMD Initial Deployment Facs, Ph IV	36,300
141	NMD Initial Deployment Facs PH V	15,300
	TOTAL	176,000

10. MISSION OR MAJOR FUNCTIONS: Development, deployment and operation of the National Missile Defense (NMD) system.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

A. Air Pollution:	0
B. Water pollution:	0
C. Occupational safety and health (OSH):	0

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
BMDO		Feb 2000

INSTALLATION AND LOCATION	4. PROJECT TITLE
Various Worldwide Locations	NMD Initial Deployment Facilities, Ph I

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0603871C	141	BMDO 53359	Auth 451,135 Approp 85,095

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				295,202
X-Band Radar (XBR) Facility	m2	6,425	7,853.70	(50,460)
XBR Power Plant	m2	3,783	12,545.86	(47,461)
XBR Fire Protection System	EA	2.0	4,835,000	(9,670)
XBR Fuel Storage Tanks	KL	18,170	301.16	(5,472)
XBR Add/Alt Unaccompanied Hsg/Admin	LS			(4,909)
Total from Continuation pages				(177,230)
SUPPORTING FACILITIES				128,399
Electric Service	LS			(38,860)
Water, Sewer, Gas	LS			(21,402)
Paving, Walks, Curbs and Gutters	LS			(23,901)
Site Imp (17,242) /Demo ()	LS			(17,242)
Information Systems	LS			(1,260)
Antiterrorism Force Protection	LS			(10,121)
Other	LS			(15,613)
ESTIMATED CONTRACT COST				423,601
CONTINGENCY PERCENT (0%)				0
SUBTOTAL				423,601
SUPERVISION, INSPECTION & OVERHEAD (6.5 %)				27,534
TOTAL REQUEST				451,135
INSTALLED EQPT-OTHER APPROPRIATIONS				(162,000)

10. DESCRIPTION OF PROPOSED CONSTRUCTION: Construct National Missile Defense (NMD) tactical and tactical-support facilities at various sites. Single year authorization with multi-year appropriation is required due to the complex nature and overall cost of this project. This request is for $85.1 million in FY 2001. Additional planned requests are: $189.9 million for FY2002; $124.4 million for FY2003; $36.3 million for FY2004 and $15.3 million in FY2005. This project is for the initial deployment of the NMD system which includes a single NMD X-Band Radar (XBR) Complex, a single NMD Ground-Based Interceptor (GBI) Missile Launch Complex, and a series of NMD Battle Management, Command, Control and Communications (BMC3) sites with dispersed In-Flight Interceptor Communications Data Terminals (IDTs). The XBR Complex facilities include a Radar Operations Facility with adjoining antenna mount tower, a 12.6 Megawatt Power Plant, Fuel Oil Storage Tanks, a Fire Protection System, and alterations to existing unaccompanied personnel housing and administration areas. Mission critical facilities are provided with shielding against the effects of High-altitude ElectroMagnetic Pulse (HEMP) and with collective Chemical, Biological, and Radiological (CBR) protective measures. Supporting facilities include normal utilities, buried shielded power and communications lines, security systems, and site infrastructure. The GBI Missile Launch Complex facilities include a missile field, Missile Storage Igloos, a issile Processing Building, a Site Support Building, a Readiness Station/BMC3, a eadquarters Building, a Security Building, an Entry Control Station, a 5.0 Megawatt Power Plant, and Fuel Oil Storage Tank. Mission critical facilities are

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
BMDO		Feb 2000

3. INSTALLATION AND LOCATION
Various Worldwide Locations

4. PROJECT TITLE	5. PROJECT NUMBER
NMD Initial Deployment Facilities, Ph I	BMDO 53359

9. COST ESTIMATES (CONTINUED)

Item	U/M	Qty	Unit COST	Cost (000)
PRIMARY FACILITIES (CONTINUED)				177,230
XBR Building Information Systems	LS			(766)
GBI Missile Launch Silo	EA			(64,162)
GBI Mechanical-Electrical Building	m2	1,114	6,293.54	(7,011)
GBI Missile Storage Igloo	EA			(8,828)
GBI Missile Processing Building	m2	693	3,535.35	(2,450)
GBI Site Support Building	m2	4,827	3,003.11	(14,496)
GBI Readiness Station/BMC3	m2	2,389	7,524.07	(17,975)
GBI Headquarters	m2	1,402	3,977.18	(5,576)
GBI Security Building	m2	1,075	4,656.74	(5,006)
GBI Entry Control Station	m2	379	3,994.72	(1,514)
GBI Power Plant	m2	3,667	8,562.04	(31,397)
GBI Fuel Storage Tank	KL	644	1,377.33	(887)
GBI Fire Protection System	LS			(6,574)
GBI Building Information Systems	LS			(882)
BMC3 IDT Sites	LS			(9,706)

Description of Proposed Construction: (CONTINUED)

provided with shielding against HEMP effects and with collective CBR protection measures. Supporting facilities include normal utilities, buried shielded power and communications lines, security systems, and site infrastructure. The BMC3 facilities includes the construction of multiple facilities at dispersed locations to accommodate the installation of IDTs. Shielding against the effects of HEMP is provided for the facilities. Supporting facilities include utilities, communications lines, security systems and site infrastructure.

11. REQ: 1 EA ADQT: NONE SUBSTD: NONE

PROJECT: Construct launch, operations, maintenance, and tactical support facilities for the National Missile Defense (NMD) system.

REQUIREMENT: This project is required to support the deployment of the NMD system. Congress has directed that the NMD system be deployed as soon as technologically feasible. This project constructs Phase I deployment of the NMD tactical and tactical support facilities associated with the NMD system elements -- X-Band Radar and GBI Missile Field Complex. These NMD system elements are critical to providing the United States with a limited missile defense capability.

CURRENT SITUATION: The Ballistic Missile Defense Organization (BMDO) is developing an NMD system and planning for its deployment based on technological and threat assessments. Currently no facilities exist that are capable of supporting the operating requirements of the NMD system elements.

IMPACT IF NOT PROVIDED: If this project is not provided, BMDO will not be able to deploy an NMD system as soon as technologically feasible. The capability to protect against a limited missile attack from rogue nations will not be achieved.

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
BMDO		Feb 2000

INSTALLATION AND LOCATION
arious Worldwide Locations

4. PROJECT TITLE	5. PROJECT NUMBER
NMD Initial Deployment Facilities, Ph I	BMDO 53359

ADDITIONAL INFORMATION: Cost estimates are based upon 35% design for the XBR Site and GBI Missile Field Complex, parametric estimates have been used to develop BMC3 cost. This project is being coordinated with the installation physical security plan, and all required physical security and/or combating terrorism (CBT/T) measures are being included. Environmental analysis is being accomplished. Project specific environmental documentation is being prepared as necessary.

12. Supplemental Data:

A Estimated Design Date	
(1) Status	
(a) Date Design Started:	Mar 1999
(b) Percent Complete As of January 2000	35%
(C) Date 35% Designed	Nov 1999
(d) Date Design Complete:	Jun 2000
(e) Parametric Cost Estimating Used to Develop Costs	YES
(2) Basis of Design	
(a) Standard or Definitive Design	NO
(b) Where Design was most recently used:	
(3) Total Cost (000) (c)= (a)+(b) or (d)+(e)	
(a) Production of Plans and Specifications:	27,300
(b) All other Design Costs:	13,600
(c) Total Design Costs	40,900
(d) Contract	27,400
(e) In-house	13,500
(4) Construction Start	Apr 2001
(5) Construction Complete	Jun 2006
b. Installed Equipment-Other Appropriations ($000)	162,000

FY 2001 MILITARY CONSTRUCTION, DEFENSE-WIDE
($ in Thousands)

State/Agency/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Alaska				
Tricare Management Activity				
Fort Wainwright				
Hospital Replacement (Phase II)	0	44,000	C	8
California				
Tricare Management Activity				
Camp Pendleton MC Base				
FHOTC Support Facilities	2,900	2,900	C	12
Medical/Dental Clinic Repl (Horno)	3,950	3,950	C	15
Medical/Dental Clinic Repl (Las Flores)	3,550	3,550	C	18
Medical/Dental Clinic Repl (Las Pulgas)	3,750	3,750	C	21
Edwards Air Force Base				
Medical Clinic Addn/Dental Clinic Alt	17,900	17,900	C	24
Florida				
Tricare Management Activity				
Eglin Air Force Base				
Hospital Addition/Alteration/LSU	37,600	37,600	C	28
Patrick Air Force Base				
Medical Clinic	2,700	2,700	C	32
Tyndall Air Force Base				
Medical Clinic Addition/Alteration	7,700	7,700	C	36
New York				
Tricare Management Activity				
Fort Drum				
Veterinary Treatment Facility	1,400	1,400	C	40
Total Inside the United States	**81,450**	**125,450**		
Germany				
Tricare Management Activity				
Kitzingen				
Health/Dental Clinic Life Safety Upgrade	1,400	1,400	C	45
Wiesbaden				
Health/Dental Clinic Addition/Alteration	7,187	7,187	C	48

DOS

FY 2001 MILITARY CONSTRUCTION, DEFENSE-WIDE
($ in Thousands)

State/Agency/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Italy				
Tricare Management Activity				
Naples				
Medical/Dental Facility Replacement	43,850	43,850	C	51
Total Outside the United States	**52,437**	**52,437**		
Total	**133,887**	**177,887**		

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEF (TMA)		FEBRUARY 2000
3. INSTALLATION AND LOCATION Fort Wainwright Alaska	4. COMMAND US Army Pacific	5. AREA CONSTRUCTION COST INDEX 1.71

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	558	4305	677	0	0	0	9	63	995	6,307
B. END FY 2005	558	4305	676	0	0	0	9	63	995	6,306

7. INVENTORY DATA ($000)

A. TOTAL AREA 265,572 ha	
B. INVENTORY TOTAL AS OF 30 SEPTEMBER 1999	509,175
C. AUTHORIZATION NOT YET IN INVENTORY	18,000
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	44,000
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	38,000
F. PLANNED IN NEXT THREE YEARS	33,000
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	642,175

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE		COST ($000)	DESIGN START	STATUS COMPLETE
510	51641	Hospital Replacement (Phase II)		44,000	09/1997	05/2000
			TOTAL	44,000		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE		COST ($000)
A.	INCLUDED IN THE FOLLOWING PROGRAM (FY 2002) NONE		
510	Hospital Replacement PH III		38,000
		TOTAL	38,000
B.	PLANNED NEXT THREE YEARS: NONE		
510	Hospital Replacement PH IV		23,000
510	Hospital Replacement PH V		10,000
		TOTAL	33,000

10. MISSION OR MAJOR FUNCTION:

The mission is the defense of Alaska, including the initial defense of the Aleutian Islands.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

RPM Backlog: There are no service estimated costs associated with deficiencies in medical facilities at this installation.

Director DMFO: Mr. Surinder K. Sharma, P.E.
Phone Number: 703-681-3970

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEF (TMA)		FEB 2000

3. Installation and Location/UIC:	4. Project Title
Fort Wainwright Alaska	Hospital Replacement (Phase II)

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717D	510	51641	Auth 0 Appr 44,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES Hospital Replacement (Phase II)	LS	–	–	33,520 (33,520)
SUPPORTING FACILITIES Supporting Facilities	LS	–	–	7,795 (7,795)
ESTIMATED CONTRACT COST				41,315
CONTINGENCY PERCENT (0.00%)				0
SUBTOTAL				41,315
SUPERVISION, INSPECTION & OVERHEAD (6.50%)				2,685
CATEGORY E EQUIPMENT				(0)
TOTAL REQUEST				44,000
TOTAL REQUEST (ROUNDED)				44,000
INSTALLED EQT-OTHER APPROPRIATIONS				(0)

10. Description of Proposed Construction:

This project is the second phase (main structures) of construction of the new 32-bed hospital at Fort Wainwright to replace the current Bassett Army Community Hospital built in 1951. The total project will provide an energy efficient building of reinforced concrete foundation and floor slab, structural steel frame and all utility, communication, security and fire protection systems. The project will provide health care facilities for internal medicine, general surgery, ENT, orthopedics, obstetrics and gynecology, pediatrics and family practice. The project will be designed in accordance with criteria prescribed in MIL-HDBK-1191 and the Uniform Federal Accessibility Standards/Americans with Disabilities Act Accessibility Guidelines. Operation and maintenance manuals will be provided. Air Conditioning: 2,950 KW.

11. REQ: 24,109 m2 ADQT: NONE SUBSTD: 14,427 m2

PROJECT: Construct a replacement for the existing Bassett Army Community Hospital. (CURRENT MISSION)

REQUIREMENT: This project is required to provide a facility designed to support current health care practices for the military, dependent, and retiree population of Forts Wainwright and Greely, and remote military sites north of the Alaska Range. The service area is approximately 46,400 square miles. The increased emphasis upon outpatient care, work measurement standards, and the increased use of automation equipment (both clinical and administrative) requires a facility designed to efficiently support these functions. Bassett ACH also provides hospital and specialty services to Eielson AFB, some 20 miles distant, with an active duty population of 3,400 airmen.

CURRENT SITUATION: Bassett Army Community Hospital was constructed in 1951 as a 300-bed facility, and still has the original steam radiator heating system, plumbing system, and electrical wiring system. The practice of health care has changed significantly since the building was constructed, with emphasis shifting from inpatient care to ambulatory care. Outpatient care is being performed in areas designed for inpatient care. The existing electrical system cannot support the expanding use of state-of-the-art electronic medical and laboratory equipment. The steam and water lines are corroded and have exceeded their life expectancy. There is asbestos material in the existing pipe insulation, counter tops, and floor tile. The in-line medical air system is currently constructed of galvanized steel piping, which violates code for such construction. The cost of repair of this system is prohibitive due to the presence of asbestos.

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEF (TMA)		FEB 2000

3. Installation and Location/UIC:	4. Project Title
Fort Wainwright Alaska	Hospital Replacement (Phase II)

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)	
87717D	510	51641	Auth	0
			Appr	44,000

CURRENT SITUATION (CONTINUED):
This system has been placed out of service. Outside temperatures range from -70 degrees F in winter to 95 degrees F in summer. Daylight hours range from three hours in winter to over twenty-two hours in summer. The climatic extremes make the internal building environment miserable for patients and staff.

IMPACT IF NOT PROVIDED: Failure to provide this project will continue to impede mission accomplishment. Staff and patient safety and comfort will continue to be compromised by lack of modern utility systems and adequate life safety provisions.

12. Supplemental Data:

A. Estimated Design Data:

	month & year
(1) Status:	
(a) Design Start Date	SEP 1997
(b) Percent Complete As Of 01 Jan 2000 (BDGT YR)	100
(c) Percent Complete As Of 01 Oct 2000 (PROG YR)	100
(d) Concept Complete Date	JUN 1999
(e) Design Complete Date	JAN 2000
(f) Type of Design Contract:	
1. Design Build (YES/NO) NO	
2. Design-Bid-Build (YES/NO) YES	
3. Site Adapt (YES/NO) NO	
(2) Basis:	
(a) Standard or Definitive Design - (YES/NO) N	
(b) Where Design Was Most Recently Used	
	($000)
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	
(a) Production of Plans and Specifications	6,181
(b) All Other Design Costs	8,068
(c) Total Design Cost	14,249
(d) Contract	11,650
(e) In-house	2,599
	month & year
(4)Design Contract Award	SEP 1997
(5) Construction Start	JAN 2001
(6) Construction Completion	JUN 2005

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Medical Equipment	OMA	2003	$16,750

Director, Defense Medical Facilities Office: Mr. Surinder K. Sharma, P.E.
Phone Number: 703-681-3970

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEF (TMA)		FEBRAURY 2000
3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Camp Pendleton California	Bureau of Medicine and Surgery	1.14

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	286	1,066	1,542	69	5477	0	2,213	29,019	3,908	43,580
B. END FY 2005	162	1,090	1,566	147	6678	0	2,481	30,467	3,867	46,458

7. INVENTORY DATA ($000)

A. TOTAL AREA	186,061 Acres	
B. INVENTORY TOTAL AS OF 30 SEPTEMBER 1999		1,018
C. AUTHORIZATION NOT YET IN INVENTORY		0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM		14,150
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
F. PLANNED IN NEXT THREE YEARS		3,300
G. REMAINING DEFICIENCY		0
H. GRAND TOTAL		18,468

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
510	48981	FHOTC Support Facilities	2,900	04/1999	07/2000
550	25940	Medical/Dental Clinic Replacement (Horno)	3,950	Site Adapt	01/2001
550	25943	Medical/Dental Clinic Replacement (Las Flores)	3,550	Site Adapt	01/2001
550	25941	Medical/Dental Clinic Replacement (Las Pulgas)	3,750	Site Adapt	01/2001
		TOTAL	14,150		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A.	INCLUDED IN THE FOLLOWING PROGRAM (FY 2002): NONE	
B.	PLANNED NEXT THREE PROGRAM YEARS:	
	Hospital LDRP Conversion	3,300
	TOTAL	3,300

10. MISSION OR MAJOR FUNCTION:
Provide housing, training facilities, logistical support, and certain administrative support for Fleet Marine Force units and other units assigned. Conduct specialized schools and other training as directed. Organize and train replacement units for deployment overseas as directed. Provide logistical support for other Marine Corps activities as directed.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

RPM Backlog: There are no service estimated costs associated with deficiencies in medical facilities at this installation.

Director DMFO: Mr. Surinder K. Sharma, P.E.
Phone Number: 703-681-3970

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEF (TMA)		FEB 2000

3. Installation and Location/UIC:	4. Project Title
Camp Pendleton MC Base California	FHOTC Support Facilities

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717D	510	48981	Auth 2,900 Appr 2,900

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				2,286
FHOTC Support Facilities	m2	1,400	1,606	(2,248)
Building Information Systems	LS	–	–	(38)
SUPPORTING FACILITIES				450
Electric Service	LS	–	–	(105)
Water, Sewer, Gas	LS	–	–	(84)
Paving, Walks, Curbs and Gutters	LS	–	–	(75)
Storm Drainage	LS	–	–	(42)
Site Imp (111) Demo ( )	LS	–	–	(75)
Information Systems	LS	–	–	(38)
Other	LS	–	–	(31)
ESTIMATED CONTRACT COST				2,736
CONTINGENCY PERCENT (0.00 %)				0
SUBTOTAL				2,736
SUPERVISION, INSPECTION & OVERHEAD (6.00 %)				164
CATEGORY E EQUIPMENT				(0)
TOTAL REQUEST				2,900
TOTAL REQUEST (ROUNDED)				2,900
INSTALLED EQT-OTHER APPROPRIATIONS				(0)

10. Description of Proposed Construction:
Construct a permanent facility of concrete masonry, concrete slab, and foundation with steel frame and associated support facilities. A video-teleconferencing system will be provided. This project will be designed within criteria prescribed in MIL-HDBK-1191 and the Uniform Federal Accessibility Standards/ Americans with Disabilities Act Accessibility Guidelines. Operation and maintenance manuals will be provided. Air conditioning: 70 KW.

11. REQ: 1,400 m2 ADQT: NONE SUBSTD: 1,486 m2

PROJECT:
Provide permanent administrative spaces, computer classroom, conference room, toilet facilities, and properly configured readiness training facilities for Fleet Hospital Operations and Training Command (FHOTC). (CURRENT MISSION)

REQUIREMENT
This project is required to facilitate the expanded mission of the Fleet Hospital Operations and Training Command (FHOTC) and to provide permanent facilities with which to carry out current and expanded functions. Long distance learning using on-site video teleconferencing training (VTT) will be accommodated. This project provides a cohesive, integrated environment for conducting administrative and training functions of the FHOTC and is designed to improve training effectiveness and administrative efficiency.

CURRENT SITUATION:
The FHOTC is presently situated on a 23-acre compound comprised of temporary facilities, General Purpose Medium Tentage, International Standard Organization (ISO) containers, Fleet Hospital tentage, and two World War II-era SEAHUTS. The staff of FHOTC is housed in four temporary metal buildings constructed by the SEABEEs in 1986. In addition, a Supply Office was retrofitted into an existing supply warehouse. The current buildings cover a minimal portion of the entire command and are inadequate in terms of accommodating all required FHOTC staff members. Due to the lack of an integrated structure, staff

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEF (TMA)		FEB 2000

3. Installation and Location/UIC:	4. Project Title
Camp Pendleton MC Base California	FHOTC Support Facilities

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)	
87717D	510	48981	Auth	2,900
			Appr	2,900

CURRENT SITUATION: (Continued).
members must at the present time leave their buildings to access separately located toilet and restroom facilities. This substandard situation is aggravated during periods of inclement weather. Also, these buildings have temporary HVAC systems which are extremely difficult to regulate and balance with part of a building remaining cool while the remainder is hot. An example of inefficient space configuration is demonstrated by the quarters for the Fleet Hospital Operations and Training Command (FHOTC) teaching presentation automated production system which is currently housed in an ISO container. The system consists of expensive and highly pilferable equipment which is utilized to create multimedia presentations used by training staff for off-location, exportable training and on-site training as well. Although the ISO container has served acceptably, it does not provide an optimal environment for equipment and staff. Improved operational effectiveness demands a secure, climate-controlled environment which is located adjacent to the primary system user - the Academics Department. The current lack of adjacency forces system operators in the Academics area to leave their offices and walk out to the ISO container in order to access the system to make adjustments and correct errors. This last example is illustrative of the fact that at present, FHOTC administrative functions tasked with delivering support services for both command and training operations are located in eight separate facilities, which range in distance from 50 to 300 feet apart. Mission effectiveness is impeded by required staff movement between these various buildings to coordinate functions and activities. The major focus of this project is to consolidate both administrative and training facilities in order to optimize operational effectiveness, incorporate state-of-the-art methodologies, improved staff productivity and asset security to meet the assigned mission.

IMPACT IF NOT PROVIDED:
Existing temporary facilities cannot properly accommodate FHTOC support functions in the training and administrative areas due to rapid escalation in the complexity and coordination activities performed by these functions to meet operational mission requirements. Failure to consolidate administrative and training departments will serve to indefinitely postpone the type of cohesive and highly efficient organization made possible by configuring space for all work units within a single integrated structure.

ADDITIONAL:
The English square foot equivalent for this construction project is 15,069 SF.

12. Supplemental Data:

A. Estimated Design Data:

(1) Status:	month & year
(a) Design Start Date	APR 1999
(b) Percent Complete As Of 01 Jan 2000 (BDGT YR)	65
(c) Percent Complete As Of 01 Oct 2000 (PROG YR)	100
(d) Concept Complete Date	AUG 1999
(e) Design Complete Date	JUL 2000

(f) Type of Design Contract:
1. Design Build (YES/NO) NO
2. Design-Bid-Build (YES/NO) YES
3. Site Adapt (YES/NO) NO

1. Component DEF (TMA)	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date FEB 2000
3. Installation and Location/UIC: Camp Pendleton MC Base California	4. Project Title FHOTC Support Facilities	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717D	510	48981	Auth 2,900 Appr 2,900

Supplement Data: (CONTINUED)

A. Estimated Design Data:

(2) Basis:
- (a) Standard or Definitive Design - (YES/NO) N
- (b) Where Design Was Most Recently Used:

	($000)
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	
(a) Production of Plans and Specifications	122
(b) All Other Design Costs	108
(c) Total Design Cost	230
(d) Contract	190
(e) In-house	40
	month & year
(4) Design Contract Award	APR 1999
(5) Construction Start	FEB 2001
(6) Construction Completion	FEB 2002

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

Director, Defense Medical Facilities Office: Mr. Surinder K. Sharma, P.E.
Phone Number: 703-681-3970

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEF (TMA)		FEB 2000

3. Installation and Location/UIC:	4. Project Title
Camp Pendleton MC Base California	Medical/Dental Clinic Replacement (Horno)

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717D	550	25940	Auth 3,950 Appr 3,950

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				2,515
Medical/Dental Clinic	m2	1,146	2,117.8	(2,427)
Ambulance Shelter	m2	31	1,129.0	(35)
Building Information Systems	LS	–	–	(53)
SUPPORTING FACILITIES				928
Electric Service	LS	–	–	(79)
Water, Sewer, Gas	LS	–	–	(76)
Paving, Walks, Curbs And Gutters	LS	–	–	(88)
Storm Drainage	LS	–	–	(28)
Site Imp(38) Demo(554)	LS	–	–	(592)
Information Systems	LS	–	–	(6)
Other	LS	–	–	(59)
ESTIMATED CONTRACT COST				3,443
CONTINGENCY PERCENT (0.00 %)				0
SUBTOTAL				3,443
SUPERVISION, INSPECTION & OVERHEAD (6.00 %)				207
CATEGORY E EQUIPMENT				300
TOTAL REQUEST				3,950
TOTAL REQUEST (ROUNDED)				3,950
INSTALLED EQT-OTHER APPROPRIATIONS				(0)

10. Description of Proposed Construction:
Construct a medical/dental clinic of reinforced concrete foundation and floor slab with structural steel frame, masonry walls, and standing seam metal roof. The primary facilities include primary care office/examination workstations, pharmacy, radiology, clinical laboratory, dental operatories, dental x-ray, administrative and support services. Supporting facilities include utilities and site improvements. This project will be designed within the criteria prescribed by MIL-HDBK 1191 and the Uniform Federal Accessibility Standards/Americans with Disabilities Accessibility Act Guidelines (ADAAG). Operations and maintenance manuals will be provided. Demolish six buildings in the envelope of required construction and relocate some sewer lines. Air conditioning: 130KW.

11. REQ: 1,146 m2 ADQT: NONE SUBSTD: 1,004 m2

PROJECT:
Construct a medical/dental clinic. (CURRENT MISSION)

REQUIREMENT:
Construct adequate facilities to house the operational medical/dental clinic in support of four battalions in the 1st Marine Division, as well as supporting staff of the Regimental Headquarters Company.

CURRENT SITUATION:
The medical clinic is currently located in a one-story "T" shaped concrete structure of approximately 604 m2 and the dental clinic is located in a one-story rectangular concrete building of approximately 400 m2. Both of these buildings were built in 1953. The functionality of these facilities for health care operations is restricted by the very narrow width of each wing of the building. One wing of the "T" building is approximately 25 feet wide and the rectangular building is about the same width. The medical building lacks adequate office, exam, and clinical support spaces.

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEF (TMA)		FEB 2000

3. Installation and Location/UIC:	4. Project Title
Camp Pendleton MC Base Horno California	Medical/Dental Clinic Replacement (Horno)

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)	
87717D	550	25940	Auth	3,950
			Appr	3,950

CURRENT SITUATION: (CONTINUED)
The workflow mix of patients, staff, and visitor traffic throughout the building is not efficient. Patient privacy is less than adequate due to the building and exam room layouts. The dental clinic is not in compliance with DoD space planning criteria in regard to size and Dental Treatment room layout. Neither of these buildings comply with handicapped accessibility requirements. Both buildings are dysfunctional for medical use and have major mechanical and plumbing problems. Upon completion of this project, existing buildings will be demolished.

IMPACT IF NOT PROVIDED:
Medical and dental care will continue to be delivered in substandard, functionally inadequate facilities. Failure to address needed facility modernization will severely inhibit the staff's ability to provide adequate patient access to quality health care.

ADDITIONAL:
This project will site-adapt the design used previously for Margarita and San Mateo. The English square foot equivalent for this construction project is 12,669 SF.

13. Supplemental Data:
A. Estimated Design Data:

(1) Status:	month & year
(a) Design Start Date	Site Adapt
(b) Percent Complete As Of 01 Jan 2000 (BDGT YR)	50
(c) Percent Complete As Of 01 Oct 2000 (PROG YR)	75
(d) Concept Complete Date	AUG 1997
(e) Design Complete Date	JAN 2001
(f) Type of Design Contract:	
1. Design Build (YES/NO) NO	
2. Design-Bid-Build (YES/NO) NO	
3. Site Adapt (YES/NO) YES	
(2) Basis:	
(a) Standard or Definitive Design - (YES/NO) YES	
(b) Where Design Was Most Recently Used: San Mateo and Margarita, Camp Pendleton, CA	
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	($000)
(a) Production of Plans and Specifications	100
(b) All Other Design Costs	50
(c) Total Design Cost	150
(d) Contract	125
(e) In-house	25
	month & year
(4) Design Contract Award (San Mateo and Margarita Design Contract Award)	JAN 1997
(5) Construction Start	JUN 2001
(6) Construction Completion	DEC 2002

1. Component DEF (TMA)	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date FEB 2000
3. Installation and Location/UIC: Camp Pendleton MC Base California	4. Project Title: Medical/Dental Clinic Replacement (Horno)	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717D	550	25940	Auth 3,950 Appr 3,950

12. Supplemental Data: (Continued)

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Collateral Equipment	OMN	2001	$ 665

Director, Defense Medical Facilities Office: Mr. Surinder K. Sharma, P.E.
Phone Number: 703-681-3970

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEF (TMA)		FEB 2000

3. Installation and Location/UIC:	4. Project Title
Camp Pendleton MC Base California	Medical/Dental Clinic Replacement (Las Flores)

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717D	550	25943	Auth 3,550 Appr 3,550

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				2,549
Medical Dental Clinic	m2	1,146	2,147	(2,460)
Ambulance Shelter	m2	31	1,167	(36)
Building Information Systems	LS	–	–	(53)
SUPPORTING FACILITIES				540
Electric Service	LS	–	–	(110)
Water, Sewer, Gas	LS	–	–	(80)
Paving, Walks, Curbs And Gutters	LS	–	–	(110)
Storm Drainage	LS	–	–	(10)
Site Imp(35) Demo(125)	LS	–	–	(160)
Information System	LS	–	–	(10)
Other	LS	–	–	(60)
ESTIMATED CONTRACT COST				3,089
CONTINGENCY PERCENT (0.00 %)				0
SUBTOTAL				3,089
SUPERVISION, INSPECTION & OVERHEAD (6.00 %)				185
CATEGORY E EQUIPMENT				300
TOTAL REQUEST				3,574
TOTAL REQUEST (ROUNDED)				3,550
INSTALLED EQT-OTHER APPROPRIATIONS				(0)

10. Description of Proposed Construction:

Construct a medical/dental clinic of reinforced concrete foundation and floor slab with structural steel frame, masonry walls, and standing seam metal roof. The primary facilities include primary care office/examination workstations, pharmacy, radiology, clinical laboratory, dental operatories, dental x-ray, administrative and support services. Supporting facilities include utilities and site improvements. This project will be designed within the criteria prescribed in MIL-HDBK-1191 and the Uniform Federal Accessibility Standards/Americans with Disabilities Act Accessibility Guidelines. Operations and maintenance manuals will be provided. Demolish one structure on the site and relocate some sewer lines. Air conditioning: 130 KW.

11. REQ: 1,146 m2 ADQT: NONE SUBSTD: 626 m2

PROJECT:

Construct a new medical/dental clinic. (CURRENT MISSION)

REQUIREMENT

Construct adequate facilities to house the operational medical/dental clinic which supports the 1st Light Amphibious Reconnaissance Battalion (LAR).

DD Form 1 Dec 76 1391 PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED PAGE NO.

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEF (TMA)		FEB 2000

3. Installation and Location/UIC:	4. Project Title
Camp Pendleton MC Base California	Medical/Dental Clinic Replacement (Las Flores)

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717D	550	25943	Auth 3,550 Appr 3,550

CURRENT SITUATION:
The medical and dental clinic is currently located in a one-story "T-shaped" structure approximately 626 m2 in size. The original building of 573 m2 was built in 1966 and received a small addition in 1992. The building lacks adequately sized and configured offices, exam rooms, ancillary and other support spaces as required by DoD space planning criteria. Due to the constricted building layout, there are inherent inefficiencies in terms of patient accessibility, privacy, and staff effectiveness. In addition, the structure does not meet handicapped accessibility requirements. The entire building is currently rated substandard due to dysfunctionality for medical use and major mechanical and plumbing problems. Upon completion of this project, the existing building will be demolished.

IMPACT IF NOT PROVIDED:
Medical and dental care will continue to be delivered in inadequate, space deficient facilities. Failure to address needed facility modernization will continue to severely inhibit adequate patient access to appropriate and efficiently delivered health care services.

ADDITIONAL:
This project will site-adapt the design used previously for Margarita and San Mateo. The English square foot equivalent for this construction project is 12,669 SF.

14. Supplemental Data:

A. Estimated Design Data:

	month & year
(1) Status:	
(a) Design Start Date	Site Adapt
(b) Percent Complete As Of 01 Jan 2000 (BDGT YR)	50
(c) Percent Complete As Of 01 Oct 2000 (PROG YR)	75
(d) Concept Complete Date	AUG 1997
(e) Design Complete Date	JAN 2001
(f) Type of Design Contract:	
1. Design Build (YES/NO) NO	
2. Design-Bid-Build (YES/NO) NO	
3. Site Adapt (YES/NO) YES	
(2) Basis:	
(a) Standard or Definitive Design - (YES/NO) YES	
(b) Where Design Was Most Recently Used: San Mateo and Margarita, Camp Pendleton, CA	
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	($000)
(a) Production of Plans and Specifications	100
(b) All Other Design Costs	50
(c) Total Design Cost	150
(d) Contract	125
(e) In-house	25

1. Component DEF (TMA)	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date FEB 2000
3. Installation and Location/UIC: Camp Pendleton MC Base California	4. Project Title: Medical/Dental Clinic Replacement (Las Flores)	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717D	550	25943	Auth 3,750 Appr 3,750

12. Supplemental Data: (CONTINUED)

A. Estimated Design Data: (CONTINUED)

	month & year
(4) Design Contract Award (San Mateo and Margarita Design Contract Award)	JAN 1997
(5) Construction Start	JUN 2001
(6) Construction Completion	DEC 2002

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Collateral Equipment	OMN	2001	$ 650

Director, Defense Medical Facilities Office: Mr. Surinder K. Sharma, P.E.
Phone Number: 703-681-3970

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEF (TMA)		FEB 2000

3. Installation and Location/UIC:	4. Project Title
Camp Pendleton MC Base California	Medical/Dental Clinic Replacement (Las Pulgas)

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717D	550	25941	Auth 3,750 Appr 3,750

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				2,496
Medical/Dental Clinic	m2	1,146	2,102	(2,409)
Ambulance Shelter	m2	31	1,129	(35)
Building Information Systems	LS	–	–	(52)
SUPPORTING FACILITIES				759
Electric Service	LS	–	–	(121)
Water, Sewer, Gas	LS	–	–	(84)
Paving, Walks, Curbs And Gutters	LS	–	–	(92)
Storm Drainage	LS	–	–	(27)
Site Imp(105) Demo(271)	LS	–	–	(368)
Information System	LS	–	–	(8)
Other	LS	–	–	(59)
ESTIMATED CONTRACT COST				3,255
CONTINGENCY PERCENT (0.00%)				0
SUBTOTAL				3,255
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				195
CATEGORY E EQUIPMENT				300
TOTAL REQUEST				3,750
TOTAL REQUEST (ROUNDED)				3,750
INSTALLED EQT-OTHER APPROPRIATIONS				(0)

10. Description of Proposed Construction:

Construct a medical/dental clinic of reinforced concrete foundation and floor slab with structural steel frame, masonry walls, and standing seam metal roof. The primary facilities include primary care office/examination workstations, pharmacy, radiographic room, clinical laboratory, dental operatories, dental x-ray, administrative and support services. Supporting facilities include utilities and site improvements. This project will be designed within the criteria prescribed in MIL-HDBK-1191 and the Uniform Federal Accessibility Standards/Americans with Disability Act Accessibility Guidelines. Three buildings will be demolished and some utilities will be relocated. Operations and maintenance manuals will be provided. Air conditioning: 130 KW.

11. REQ: 1,146 m2 ADQT: NONE SUBSTD: 1014 m2

PROJECT:

Construct a new Medical/Dental Clinic. (CURRENT MISSION)

REQUIREMENT

Construct adequate facilities to house the operational medical/dental clinic in support of the Marine Corps' 11th Marine Regiment, 1st FSSG, 1st Maintenance Battalion and AMMO company.

CURRENT SITUATION:

The current medical clinic is located in a one-story "T-shaped" concrete building of approximately 612 m2 and the current dental clinic is located in a one-story, rectangular concrete building of 402 m2. Both of these buildings were built in 1953. Functional layouts of both buildings are significantly restricted due to the narrow width in the wings of the "T-shaped" building and the narrow aspect of the rectangular Dental Clinic building. One wing of the current Medical Clinic is only 25 feet in width and the existing Dental Clinic is similarly narrow. The buildings lack adequate office, exam, and clinical support spaces as required by DoD space planning criteria. The restrictive layout provides inefficient and inappropriate workflow mix in terms of patient, staff, and visitors. This lack of functionality has a significant impact upon patient and

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEF (TMA)		FEB 2000

3. Installation and Location/UIC:	4. Project Title
Camp Pendleton MC Base California	Medical/Dental Clinic Replacement (Las Pulgas)

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)	
87717D	550	25941	Auth	3,750
			Appr	3,750

CURRENT SITUATION: (CONTINUED)
,provider privacy. The Dental Clinic in particular has inadequately sized Dental Treatment Rooms. In addition, both structures do not meet handicapped accessibility requirements. Both buildings are dysfunctional for medical use, and have major mechanical and plumbing problems. Upon completion of this project, existing buildings will be demolished.

IMPACT IF NOT PROVIDED:
Medical and dental care will continue to be delivered in substandard, functionally inadequate facilities. Failure to address the need for completely modern facilities will continue to inhibit the ability the staff to provide patient access to quality health care.

ADDITIONAL:
This project will site-adapt the design used previously for Margarita and San Mateo. The English square foot equivalent for this construction project is: 12,669 SF

12. Supplemental Data:

A. Estimated Design Data:

(1) Status:	month & year
(a) Design Start Date	Site Adapt
(b) Percent Complete As Of 01 Jan 2000 (BDGT YR)	50
(c) Percent Complete As Of 01 Oct 2000 (PROG YR)	75
(d) Concept Complete Date	AUG 1997
(e) Design Complete Date	JAN 2001
(f) Type of Design Contract:	
1. Design Build (YES/NO) NO	
2. Design-Bid-Build (YES/NO) NO	
3. Site Adapt (YES/NO) YES	
(2) Basis:	
(a) Standard or Definitive Design - (YES/NO) YES	
(b) Where Design Was Most Recently Used: San Mateo and Margarita, Camp Pendleton, CA	
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	($000)
(a) Production of Plans and Specifications	100
(b) All Other Design Costs	50
(c) Total Design Cost	150
(d) Contract	125
(e) In-house	25

1. Component DEF (TMA)	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date FEB 2000
3. Installation and Location/UIC: Camp Pendleton MC Base California	4. Project Title: Medical/Dental Clinic Replacement (Las Pulgas)	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717D	550	25941	Auth 3,750 Appr 3,750

12. Supplemental Data: (CONTINUED)

A: Estimated Design Data: (CONTINUED)

	month & year
(4) Design Contract Award (San Mateo and Margarita Design Contract Award)	JAN 1997
(5) Construction Start	JUN 2001
(6) Construction Completion	DEC 2002

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Collateral Equipment	OMN	2001	$ 598

Director, Defense Medical Facilities Office: Mr. Surinder K. Sharma, P.E.
Phone Number: 703-681-3970

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEF (TMA)		FEBRUARY 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Edwards Air Force Base California	Air Force Material Command	1.19

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	607	3019	2938	0	0	0	242	390	749	7,945
B. END FY 2005	612	2762	2750	0	0	0	242	390	749	7,505

7. INVENTORY DATA ($000)

A. TOTAL AREA	300,723 acres	
B. INVENTORY TOTAL AS OF 30 SEPTEMBER 1999		42,005
C. AUTHORIZATION NOT YET IN INVENTORY		6,000
D. AUTHORIZATION REQUESTED IN THIS PROGRAM		17,900
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
F. PLANNED IN NEXT THREE YEARS		0
G. REMAINING DEFICIENCY		0
H. GRAND TOTAL		65,905

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
550	25669	Medical Clinic Addn/Dental Clinic Alt	17,900	12/1998	02/2001
		TOTAL	17,900		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A.	INCLUDED IN THE FOLLOWING PROGRAM (FY 2002): NONE	
B.	PLANNED NEXT THREE PROGRAM YEARS: NONE	

10. MISSION OR MAJOR FUNCTION:

Air Force Flight Test Center for Research and Development which is responsible for flight test activities for all USAF aircraft and related avionics, flight control, and weapons systems; a test wing; an air base wing; Air Force Test Pilot School; a Propulsion Directorate of Air Force Research Laboratory; and a landing site for the space shuttle.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	3,500
B. WATER POLLUTION	600
C. OCCUPATIONAL SAFETY AND HEALTH	0

RPM Backlog: The service estimated cost to remedy the deficiencies in all existing permanent and semi-permanent medical facilities at this installation is $ 1,721,000.

Director DMFO: Mr. Surinder K. Sharma, P.E.
Phone Number: 703-681-3970

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEF (TMA)		FEB 2000

3. Installation and Location/UIC:	4. Project Title
Edwards Air Force Base California	Medical Clinic Addition/Dental Clinic Alt

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717D	550	25669	Auth 17,900 Appr 17,900

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				11,996
Medical Clinic	m2	4,358	2,470.85	(10,768)
Dental Clinic Alteration	m2	503	1,057.65	(532)
Ambulance Shelter	m2	105	904.76	(95)
Building Information Systems	LS	-	-	(601)
SUPPORTING FACILITIES				4,325
Electric Service	LS	-	-	(808)
Water, Sewer, Gas	LS	-	-	(235)
Paving, Walks, Curbs And Gutters	LS	-	-	(825)
Storm Drainage	LS	-	-	(140)
Site Imp(799) Demo(1,333)	LS	-	-	(2,132)
Information Systems	LS	-	-	(105)
Other	LS	-	-	(80)
ESTIMATED CONTRACT COST				16,321
CONTINGENCY PERCENT (0.00%)				0
SUBTOTAL				16,321
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				979
CATEGORY E EQUIPMENT				600
TOTAL REQUEST				17,900
TOTAL REQUEST (ROUNDED)				17,900
INSTALLED EQT-OTHER APPROPRIATIONS				(1,500)

10. Description of Proposed Construction: Construct a medical clinic addition with a reinforced concrete foundation and floor slab with building exterior to match the existing medical campus architecture and standing seam metal roof. This project will provide primary care, allergy/immunization with pharmacy, radiology, laboratory, and support services. Project also includes alteration of existing dental clinic for other clinical functions.. Work to include all required utilities. Project includes demolition of ten outlying structures; two of which require asbestos removal. This project will be designed within the criteria prescribed in MIL-HDBK-1191 and the Uniform Federal Accessibility Standards/Americans with Disabilities Act Accessibility Guidelines. Operations and Maintenance manuals will be provided. Air Conditioning: 800 KW.

11. REQ: 7,115 m2 ADQT: 2,254 m2 SUBSTD: 7,691 m2

PROJECT: Construct an addition to existing composite medical facility with an Outpatient Clinic and alter the Dental Clinic to accommodate health care functions. (CURRENT MISSION)

REQUIREMENT: A new flexible clinic facility of adequate size and functional configuration is required to provide adequate, cost-effective health care to DOD beneficiaries at Edwards AFB. Services within the clinic will include primary care, pharmacy, radiology, laboratory, logistics, and administrative support.

CURRENT SITUATION: The Medical Group is transitioning from hospital to clinic status, and the old facility cannot be readily or economically reconfigured to support this change in service. The existing facility was constructed in 1955 and configured primarily as an inpatient facility. By current DOD space planning criteria, outpatient clinics and ancillary services in the facility are severely space constrained while

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEF (TMA)		FEB 2000

3. Installation and Location/UIC:	4. Project Title
Edwards Air Force Base California	Medical Clinic Addition/Dental Clinic Alt

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717D	550	25669	Auth 17,900 Appr 17,900

CURRENT SITUATION (CONTINUED): inpatient space on the upper floors is not efficiently configured for use by other functions. The majority of providers have only a one-to-one office/examination room ratio. Several clinical and support functions have been moved out of the main facility to allow for internal expansion of the remaining clinics. The pediatric clinic and resource management office are located in temporary trailers, while logistics resides in a temporary metal building. All of these facilities lack proper environmental controls and fire protection. The existing trailers will be turned over to the Marine Corps for a new mission requirement. When logistics moves into the replacement medical clinic, the temporary metal building will be transferred to the line of the Air Force. This fragmentation of medical space results in an inefficient medical operation. The majority of the existing hospital's utility systems are original and have far surpassed their useful life expectancy. Shutdown of utility systems for repair is a common occurrence, seriously impeding health care delivery. Asbestos and lead based paint are present throughout the facility. After the clinic is completed, the existing hospital building will be demolished. The oversized dental clinic will be altered to accommodate health care functions such as Education/Training, Readiness, Mental Health and Family Advocacy.

IMPACT IF NOT PROVIDED: Health care will continue to be provided in an obsolete, space-constrained facility. Overcrowding and cramped conditions will impede the Medical Group in providing cost-effective care to its beneficiaries. Inefficient use of medical manpower and money will occur due to continued use of this substandard health care facility.

ADDITIONAL: The English square foot equivalent for this construction project is 53,454 SF.

15. Supplemental Data:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date	DEC 1998
(b) Percent Complete As Of 01 Jan 2000 (BDGT YR)	50
(c) Percent Complete As Of 01 Oct 2000 (PROG YR)	95
(d) Concept Complete Date	JUL 1999
(e) Design Complete Date	FEB 2001

(f) Type of Design Contract:

1. Design Build (YES/NO) NO
2. Design-Bid-Build (YES/NO) NO
3. Site Adapt (YES/NO) NO

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) N

(b) Where Design Was Most Recently Used

1. Component DEF (TMA)	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date FEB 2000
3. Installation and Location/UIC: Edwards Air Force Base California	4. Project Title: Medical Clinic Addition/Dental Clinic Alt	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717D	550	25669	Auth 17,900 Appr 17,900

12. SUPPLEMENTAL DATA (CONTINUED):

A. Estimated Design Data:

	($000)
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	
(a) Production of Plans and Specifications	639
(b) All Other Design Costs	843
(c) Total Design Cost	1,482
(d) Contract	1,103
(e) In-house	379
	month & year
(4) Design Award Date	DEC 1998
(5) Construction Start	JUN 2001
(6) Construction Completion	JUN 2003

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Investment	OP DHP	2002	1,050
Investment	OP DHP	2003	450
Expense	OM DHP	2002	675
Expense	OM DHP	2003	675
		TOTAL	2,850

Director, Defense Medical Facilities Office: Mr. Surinder K. Sharma, P.E.
Phone Number: 703-681-3970

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEF (TMA)		FEBRUARY 2000
3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Eglin Air Force Base Florida	Air Force Materiel Command	0.82

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	1328	5768	3352	0	0	0	55	276	370	11,149
B. END FY 2005	1259	5458	3172	0	0	0	55	276	370	10,590

7. INVENTORY DATA ($000)

A. TOTAL AREA	453,581 acres	
B. INVENTORY TOTAL AS OF 30 SEPTEMBER 1999		71,935
C. AUTHORIZATION NOT YET IN INVENTORY		9,200
D. AUTHORIZATION REQUESTED IN THIS PROGRAM		37,600
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
F. PLANNED IN NEXT THREE YEARS		0
G. REMAINING DEFICIENCY		0
H. GRAND TOTAL		118,735

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE		COST ($000)	DESIGN START	STATUS COMPLETE
510	35565	Hospital Addition/Alteration/LSU		37,600	04/1999	01/2001
			TOTAL	37,600		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A.	INCLUDED IN THE FOLLOWING PROGRAM (FY 2002): NONE	
B.	PLANNED NEXT THREE PROGRAM YEARS: NONE	

10. MISSION OR MAJOR FUNCTION:

Air Armament Center (ACC) is responsible for development, acquisition, testing, deployment and sustainment of conventional and nuclear air-delivered weapons. Operates two Air Force installations, providing host support to Eglin and Kirtland AFBs, and supports the largest single base mobility commitment in the Air Force. ACC accomplishes its mission through four components-the Armament Product Group (Eglin), 46th Test Wing (Eglin), 96th Air Base Wing (Eglin), and 377th Wing (Kirtland).

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	800
B. WATER POLLUTION	1,200
C. OCCUPATIONAL SAFETY AND HEALTH	0

RPM Backlog: The service estimated cost to remedy the deficiencies in all existing permanent and semi-permanent medical facilities at this installation is $ 3,170,000.

Director DMFO: Mr. Surinder K. Sharma, P.E.
Number: 703-681-3970

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEF (TMA)		FEB 2000

3. Installation and Location/UIC:	4. Project Title
Eglin Air Force Base Florida	Hospital Addition/Alteration/LSU

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717D	510	35565	Auth 37,600 Appr 37,600

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				32,030
Life Safety/Utility Upgrade	LS	–	–	(814)
Clinic Addition	SF	71,878	161.44	(11,604)
Hospital Alteration	SF	157,222	104.76	(16,471)
Ambulance Shelter	SF	650	132.31	(86)
Roof Replacement	LS	–	–	(2,150)
Window Replacement	LS	–	–	(432)
Building Information Systems	LS	–	–	(473)
SUPPORTING FACILITIES				2,687
Electric Service	LS	–	–	(102)
Water, Sewer, Gas	LS	–	–	(289)
Paving, Walks, Curbs And Gutters	LS	–	–	(831)
Storm Drainage	LS	–	–	(285)
Site Imp(647) Demo(417)	LS	–	–	(1,064)
Other	LS	–	–	(116)
ESTIMATED CONTRACT COST				34,717
CONTINGENCY PERCENT (0.00%)				0
SUBTOTAL				34,717
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				2,083
CATEGORY E EQUIPMENT				800
TOTAL REQUEST				37,600
TOTAL REQUEST (ROUNDED)				37,600
INSTALLED EQT-OTHER APPROPRIATIONS				(1,978)

10. Description of Proposed Construction: Construct an addition to and alter space within the Eglin Composite Medical Facility. The addition will house outpatient clinic functions and be constructed with a reinforced concrete foundation and floor slab, masonry brick walls, and a standing seam metal roof and all required support facilities. The project will also correct numerous life safety and utility deficiencies identified in a 1996 Deficiency Tabulation study to include sprinkling of the building. Asbestos abatement will be required. Exterior site development will include any required relocation of access roads and construction of new parking areas to minimize traffic congestion. This project will be designed within the criteria prescribed in MIL-HDBK-1191 and the Uniform Federal Accessibility Standards/Americans with Disabilities Act Accessibility Guidelines. Operations and maintenance manuals will be provided. Air conditioning: 240 Tons.

11. REQ: 370,231 SF ADQT: 141,131 SF SUBSTD: 175,976 SF

PROJECT: Construction of a clinic addition and alterations to former inpatient spaces and life safety upgrades to the existing hospital. (CURRENT MISSION)

REQUIREMENT: A hospital with optimal functional configuration to provide safe, efficient, quality health care services to beneficiaries.

CURRENT SITUATION: The 96th MDG supports one of the largest beneficiary catchment area populations in the Air Force with an aging hospital and 15 additional outlying buildings scattered all over an extremely large base. Mental health, public health, optometry, readiness, and some administrative functions are housed in substandard wooden buildings with lead-based paint, no insulation, and inadequate utilities. Primary care clinics including family practice, family health, internal medicine, and flight medicine need to be collocated with additional space to improve efficiency and centralize patient care services. Ancillary services require

1. Component DEF (TMA)	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date FEB 2000
3. Installation and Location/UIC: Eglin Air Force Base Florida	4. Project Title Hospital Addition/Alteration/LSU	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717D	510	35565	Auth 37,600 Appr 37,600

CURRENT SITUATION (Continued):
alterations to meet modern health care standards. The original hospital chassis was designed primarily to serve inpatients and has evolved to serve mainly outpatients. Building alterations have not kept pace with current outpatient clinic design standards. The addition will allow the primary care clinics to be housed in new space specifically designed to improve efficiency and maximize flexibility, while allowing functions in the old wooden outlying buildings to be brought back into the main facility and ancillary services to be upgraded to meet the growing outpatient workload. Inpatient areas will be renovated to consolidate the medical/surgical unit on a single floor, relocate some specialty clinics to vacated ward space, and collocate inpatient and ambulatory surgery functions. Five of the vacated outlying buildings will be returned to the base for their use. One of the vacated buildings will be demolished as part of this project. Finally, the project requires correction of numerous life safety and utility system deficiencies as identified in a 1996 Deficiency Tabulation (DEFTAB) study.

IMPACT IF NOT PROVIDED: Health care will continue to be delivered in an inefficient, dysfunctional, and space constrained facility. This will contribute to decreased staff morale, inefficient use of resources, and patient dissatisfaction. Patient and staff safety and comfort will also be compromised by lack of modern utility systems and lack of adequate life safety provisions. Facility accreditation could be jeopardized if the life safety code deficiencies are not corrected in a timely manner.

16. Supplemental Data:
A. Estimated Design Data:

	month & year
(1) Status	
(a) Design Start Date	APR 1999
(c) Percent Complete As Of 01 Jan 2000 (BDGT YR)	50
(c) Percent Complete As Of 01 Oct 2000 (PROG YR)	100
(d) Concept Complete Date	AUG 1999
(e) Design Complete Date	JAN 2001
(f) Type of Design Contract:	
1. Design Build (YES/NO) NO	
2. Design-Bid-Build (YES/NO) YES	
3. Site Adapt (YES/NO) NO	
(2) Basis:	
(a) Standard or Definitive Design - (YES/NO) N	
(b) Where Design Was Most Recently Used	
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	($000)
(a) Production of Plans and Specifications	1,336
(b) All Other Design Costs	1,467
(c) Total Design Cost	2,803
(d) Contract	2,332
(e) In-house	471

1. Component DEF (TMA)	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date FEB 2000
3. Installation and Location/UIC: Eglin Air Force Base Florida	4. Project Title: Hospital Addition/Alteration/LSU	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)	
87717D	510	35565	Auth	37,600
			Appr	37,600

Supplemental Data (Continued):

A. Estimated Design Data: (Continued)

	month & year
(4) Design Contract Award	APR 1999
(5) Construction Start	JAN 2001
(6) Construction Completion	JAN 2005

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Investment	OP DHP	2001	478
Investment	OP DHP	2002	1,050
Investment	OP DHP	2003	450
Expense	OM DHP	2002	675
Expense	OM DHP	2003	675
		TOTAL	3,328

Director, Defense Medical Facilities Office: Mr. Surinder K. Sharma, P.E.
Phone Number: 703-681-3970

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEF (TMA)		FEBRUARY 2000
3. INSTALLATION AND LOCATION Patrick Air Force Base Florida	4. COMMAND Air Force Space Command	5. AREA CONSTRUCTION COST INDEX 0.92

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	343	1121	1052	0	0	0	0	0	0	2,516
B. END FY 2005	325	1075	1087	0	0	0	0	0	0	2,487

7. INVENTORY DATA ($000)

A. TOTAL AREA 2,341 Acres	
B. INVENTORY TOTAL AS OF 30 SEPTEMBER 1999	23,830
C. AUTHORIZATION NOT YET IN INVENTORY	1,750
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	2,700
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE YEARS	0
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	28,280

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
550	51267	Medical Clinic	2,700	12/1998	11/2000
		TOTAL	2,700		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A.	INCLUDED IN THE FOLLOWING PROGRAM (FY 2002) NONE	
B.	PLANNED NEXT THREE YEARS: NONE	

10. MISSION OR MAJOR FUNCTION:

A space wing; the Air Force Technical Applications Center; DoD Equal Opportunity Management Institute and an Air Force Reserve HH-60/HH-130 rescue squadron.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

RPM Backlog: The service estimated cost to remedy the deficiencies in all existing permanent and semi-permanent medical facilities at this installation is $1,219,000.

Director DMFO: Mr. Surinder K. Sharma, P.E.
Phone Number: 703-681-3970

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEF (TMA)		FEB 2000

3. Installation and Location/UIC:	4. Project Title
Patrick Air Force Base Florida	Medical Clinic

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717D	550	51267	Auth 2,700 Appr 2,700

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				1,958
Medical Clinic	m2	934	2,027.83	(1,894)
Building Information Systems	LS	-	-	(64)
SUPPORTING FACILITIES				541
Electric Service	LS	-	-	(170)
Water, Sewer, Gas	LS	-	-	(73)
Paving, Walks, Curbs And Gutters	LS	-	-	(14)
Storm Drainage	LS	-	-	(4)
Site Imp(173) Demo(48)	LS	-	-	(221)
Information Systems	LS	-	-	(28)
Other	LS	-	-	(31)
ESTIMATED CONTRACT COST				2,499
CONTINGENCY PERCENT (0.00%)				0
SUBTOTAL				2,499
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				150
CATEGORY E EQUIPMENT				51
TOTAL REQUEST				2,700
TOTAL REQUEST (ROUNDED)				2,700
INSTALLED EQT-OTHER APPROPRIATIONS				(150)

10. Description of Proposed Construction: Construct a free-standing medical clinic on the 45th Medical Group campus with reinforced concrete foundation and floor slab, steel frame, masonry exterior, and standing seam metal roof, and associated support facilities. The facility will provide clinic spaces, administrative area and support spaces. Demolish one building. This project will be designed within the criteria prescribed in MIL-HDBK-1191 and the Uniform Federal Accessibility Standards/Americans with Disabilities Act Accessibility Guidelines. Operations and maintenance manuals will be provided. Air conditioning: 133 KW.

11. REQ: 934 m2 ADQT: NONE SUBSTD: 609 m2

PROJECT: Construct a modern clinic to house Mental Health, Family Advocacy, Occupational Health, Resource Management, and Medical Readiness. (CURRENT MISSION)

REQUIREMENT: A facility of adequate size and functional configuration is required to replace substandard temporary buildings housing mental health, family advocacy, occupational health, medical readiness and medical resource management.

CURRENT SITUATION: Currently mental health is in a circa 1950 building located across the base from the hospital, and away from all other medical care. The building requires extensive operations and maintenance and repair work due to its age and deteriorating condition. Further, the building provides an extremely sub-standard environment for care. There is insufficient space for critical clinical rooms such as the group therapy room, testing rooms and storage rooms. Staff protection and patient privacy requirements cannot be met, and a recent JCAHO accreditation inspection noted the facility was completely inadequate to meet JCAHO and DOD standards of care. Occupational Health and Medical Resource Management are located in a dilapidated ten-year-old, temporary modular building. The building was originally built to provide temporary space, but there has never been space in the MTF for these functions. Due to its condition, the building must be replaced in the near term. One building will be demolished upon completion of this project. Two other buildings will be returned to the base for other use.

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEF (TMA)		FEB 2000

3. Installation and Location/UIC:	4. Project Title
Patrick Air Force Base Florida	Medical Clinic

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717D	550	51267	Auth 2,700 Appr 2,700

IMPACT IF NOT PROVIDED: The accreditation status of the Medical Group could be in jeopardy if the mental health facility is not replaced soon. The current building housing Occupational Health, Medical Readiness, and Medical Resource Management will become unsafe for continued use within the next few years which will require the staff to relocate. There are no buildings of opportunity or excess space in the main Medical Group building to house these functions.

ADDITIONAL: The English square foot equivalent for this construction project is 10,054 SF.

17. Supplemental Data:

A. Estimated Design Data:

(1) Status:	month & year
(a) Design Start Date	DEC 1998
(b) Percent Complete As Of 01 Jan 2000 (BDGT YR)	65
(c) Percent Complete As Of 01 Oct 2000 (PROG YR)	95
(d) Concept Complete Date	JUN 1999
(e) Design Complete Date	NOV 2000
(f) Type of Design Contract:	
1. Design Build (YES/NO) NO	
2. Design-Bid-Build (YES/NO) YES	
3. Site Adapt (YES/NO) NO	
(2) Basis:	
(a) Standard or Definitive Design - (YES/NO) N	
(b) Where Design Was Most Recently Used	
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	($000)
(a) Production of Plans and Specifications	100
(b) All Other Design Costs	185
(c) Total Design Cost	285
(d) Contract	199
(e) In-house	86
	month & year
(4) Design Contract Award	DEC 1998
(5) Construction Start	APR 2001
(6) Construction Completion	APR 2002

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEF (TMA)		FEB 2000

3. Installation and Location/UIC:	4. Project Title
Patrick Air Force Base Florida	Medical Clinic

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)	
87717D	550	51267	Auth	2,700
			Appr	2,700

Supplemental Data (Continued):

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested		Cost ($000)
Investment	OP DHP	2001		150
Expense	OM DHP	2001		90
Expense	OM DHP	2002		90
			TOTAL	330

Director, Defense Medical Facilities Office: Mr. Surinder K. Sharma, P.E.
Phone Number: 703-681-3970

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEF (TMA)		FEBRUARY 2000
3. INSTALLATION AND LOCATION Tyndall Air Force Base Florida	4. COMMAND Air Education and Training	5. AREA CONSTRUCTION COST INDEX 0.85

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	645	2880	626	37	0	0	84	20	0	4,292
B. END FY 2005	646	2905	618	37	0	0	84	20	0	4,310

7. INVENTORY DATA ($000)

A. TOTAL AREA 28,824 Acres	
B. INVENTORY TOTAL AS OF	33,191
C. AUTHORIZATION NOT YET IN INVENTORY	1,600
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	7,700
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE YEARS	0
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	42,491

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
550	50904	Medical Clinic Addition/Alteration	7,700	02/1999	12/2000
		TOTAL	7,700		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A.	INCLUDED IN THE FOLLOWING PROGRAM (FY 2002) NONE	
B.	PLANNED NEXT THREE YEARS: NONE	

10. MISSION OR MAJOR FUNCTION:

A fighter wing with three F-15 squadrons responsible for training all F-15 aircrews; Air Combat Command's Headquarters First Air Force, a weapons evaluation group, and Southeast Air Defense Sector; the Air Force Civil Engineering Support Agency; and an Air National Guard air defense detachment (F-16 aircraft).

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	20
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

RPM Backlog: The service estimated cost to remedy the deficiencies in all existing permanent and semi-permanent medical facilities at this installation is $ 1,597,000.

Director DMFO: Mr. Surinder K. Sharma, P.E.
Phone Number: 703-681-3970

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEF (TMA)		FEB 2000

3. Installation and Location/UIC:	4. Project Title
Tyndall Air Force Base Florida	Medical Clinic Addition/Alteration

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717D	550	50904	Auth 7,700 Appr 7,700

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				4,999
Addition	m2	2,332	1,662.5	(3,877)
Alteration/Building Connector	m2	2,449	403	(987)
Ambulance Shelter	m2	84	690	(58)
Clinic Entrance Canopy/Drop-Off	m2	20	850	(17)
Building Information Systems	LS	–	–	(60)
SUPPORTING FACILITIES				2,106
Electric Service	LS	–	–	(154)
Water, Sewer, Gas	LS	–	–	(110)
Paving, Walks, Curbs And Gutters	LS	–	–	(868)
Storm Drainage	LS	–	–	(83)
Site Imp(516) Demo(100)	LS	–	–	(616)
Information Systems	LS	–	–	(202)
Other	LS	–	–	(73)
ESTIMATED CONTRACT COST				7,105
CONTINGENCY PERCENT (0.00%)				0
SUBTOTAL				7,105
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				426
CATEGORY E EQUIPMENT				150
TOTAL REQUEST				7,681
TOTAL REQUEST (ROUNDED)				7,700
INSTALLED EQT-OTHER APPROPRIATIONS				(600)

10. Description of Proposed Construction: Construct a modern outpatient clinic addition and alter the third floor and several rooms on the first and second floors within the existing medical facility. The addition will provide a reinforced concrete foundation and floor slab and masonry brick walls and all required support facilities. Alteration work consists of renovating former inpatient wards on the third floor for administrative functions, renovating several rooms on the 2nd floor for cardiopulmonary services, and convert the cafeteria on the 1st floor into training and systems application space. This project will be designed within the criteria prescribed in MIL-HDBK-1191 and the Uniform Federal Accessibility Standards/Americans with Disabilities Act Accessibility Guidelines. Operations and Maintenance manuals will be provided. Demolish one building. Air Conditioning: 514 KW.

11. REQ: 12,118 m2 ADQT: 7,317 m2 SUBSTD: 4,797 m2

PROJECT: Add space onto and alter the existing medical facility. (CURRENT MISSION)

REQUIREMENT: The 325th Medical Group requires a clinic addition to their main facility to centralize all medical services in one location. Addition space will include: patient clinical exam and treatment rooms, staff support areas, records room, library, conference rooms, and administrative offices. A shelter for 2 ambulances used by Aerospace Medicine for in-flight emergencies is also required. Light to medium renovations will take place on the first, second and third floors. One building will be demolished as part of this project. Five vacated outlying medical campus buildings (Circa 1940) will be returned to the base for other use. This project directly supports rightsizing of the 325th Medical Group's existing hospital to a consolidated ambulatory care facility.

1. Component DEF (TIMA)	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date FEB 2000

3. Installation and Location/UIC:	4. Project Title
Tyndall Air Force Base Florida	Medical Clinic Addition/Alteration

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717D	550	50904	Auth 7,700 Appr 7,700

CURRENT SITUATION: Family Practice, Aerospace Medicine, Pediatrics, Optometry, Physical Therapy, Medical Resource Management and the Information Systems offices are currently located in five outlying campus buildings. This arrangement makes it difficult and cumbersome for patients, clinical staff, records managers, and logistics personnel to commute between these clinics and the Medical Treatment Facility (MTF), especially during inclement weather, and results in extensive loss of productive manhours. Existing hospital inpatient space will be re-used as part of an overall consolidation effort that will allow Pediatrics, Medical Resource Management, and Information Systems to relocate back into the main building. The consolidation, along with the clinic addition, will profoundly improve the environment of care for patients allowing "one-stop shopping" within the MTF. The project will centralize most administrative functions, all outpatient clinic functions, and allow the 325th MDG to remove their circa 1940's outlying buildings from their real property inventory.

IMPACT IF NOT PROVIDED: The environment of care for patients will continue to be inefficient and cumbersome due to required travel between five outlying outpatient clinic buildings and the MTF. Patients will be required to commute for records, radiology, prescriptions, and other ancillary care. Additionally, the MTF staff will be forced to practice medicine in buildings which are antiquated (50+ years old), do not meet modern building codes, are expensive to maintain, and do not support the required change in practice from an inpatient hospital to an ambulatory care facility.

ADDITIONAL: The English square foot equivalent for this construction project 131,342 SF.

18. Supplemental Data:

A. Estimated Design Data:	
(1) Status:	month & year
(a) Design Start Date	FEB 1999
(b) Percent Complete As Of 01 Jan 2000 (BDGT YR)	50
(c) Percent Complete As Of 01 Oct 2000 (PROG YR)	95
(d) Concept Complete Date	AUG 1999
(e) Design Complete Date	DEC 2000
(f) Type of Design Contract:	
1. Design Build (YES/NO) NO	
2. Design-Bid-Build (YES/NO) YES	
3. Site Adapt (YES/NO) NO	
(2) Basis:	
(a) Standard or Definitive Design - (YES/NO) N	
(b) Where Design Was Most Recently Used	
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	($000)
(a) Production of Plans and Specifications	420
(b) All Other Design Costs	871
(c) Total Design Cost	1,291
(d) Contract	911
(e) In-house	380

1. Component DEF (TMA)	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date FEB 2000
3. Installation and Location/UIC: Tyndall Air Force Base Florida	4. Project Title: Medical Clinic Addition/Alteration	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717D	550	50904	Auth 8,200 Appr 8,200

SUPPLEMENTAL DATA (CONTINUED):

A. Estimated Design Data: (CONTINUED)

	month & year
(4)Design Contract Award	FEB 1999
(5) Construction Start	APR 2001
(6) Construction Completion	JUN 2003

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Investment	OP DHP	2001	420
Investment	OP DHP	2002	180
Expense	OM DHP	2001	360
Expense	OM DHP	2002	360
		TOTAL	1,320

Director, Defense Medical Facilities Office: Mr. Surinder K. Sharma, P.E.
Phone Number: 703-681-3970

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEF (TMA)		FEBRUARY 2000
3. INSTALLATION AND LOCATION Fort Drum New York	4. COMMAND US Army Forces Command	5. AREA CONSTRUCTION COST INDEX 1.10

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. As of 30 Sep 1999	1333	10077	914	0	62	0	52	256	1310	14,004
B. End FY 2005	1296	10018	909	0	69	0	52	251	882	13,477

7. INVENTORY DATA ($000)

A. TOTAL AREA	107.265 Acres	
B. INVENTORY TOTAL AS OF 30 SEP 1999		0
C. AUTHORIZATION NOT YET IN INVENTORY		0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM		1,400
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
F. PLANNED IN NEXT THREE YEARS		0
G. REMAINING DEFICIENCY		0
H. GRAND TOTAL		1,400

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
530	29318	Veterinary Treatment Facility	1,400	03/1999	10/1999

9. FUTURE PROJECTS:

	CATEGORY CODE	PROJECT TITLE	COST ($000)
A.	INCLUDED IN THE FOLLOWING PROGRAM (FY 2002): NONE		
B.	PLANNED NEXT THREE PROGRAM YEARS: NONE		

10. MISSION OR MAJOR FUNCTION:

Training and support of a Light Infantry Division. Provide support to Reserve Component Training.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

RPM Backlog: The service estimated cost to remedy the deficiencies in all existing permanent and semi-permanent medical facilities at this installation is $6,300,000.

Director DMFO: Mr. Surinder K. Sharma, P.E.
Phone Number: 703-681-3970

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEF (TMA)		FEB 2000

3. Installation and Location/UIC:	4. Project Title
Fort Drum New York	Veterinary Treatment Facility

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717D	530	29318	Auth 1,400 Appr 1,400

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				1,088
Veterinary Facility	m2	618	1,688	(1,043)
Building Information Systems	LS	–	–	(45)
SUPPORTING FACILITIES				245
Electric Service	LS	–	–	(35)
Water, Sewer, & Gas	LS	–	–	(50)
Paving, Walks, Curbs & Gutters	LS	–	–	(70)
Storm Drainage	LS	–	–	(15)
Site Imp (16) Demo (14)	LS	–	–	(30)
Information Systems	LS	–	–	(20)
Other	LS	–	–	(25)
ESTIMATED CONTRACT COST				1,333
CONTINGENCY PERCENT (0.00 %)				0
SUBTOTAL				1,333
SUPERVISION, INSPECTION & OVERHEAD (6.00 %)				80
CATEGORY E EQUIPMENT				(0)
TOTAL REQUEST				1,413
TOTAL REQUEST (ROUNDED)				1,400
INSTALLED EQT-OTHER APPROPRIATIONS				(0)

10. Description of Proposed Construction:

Construct a permanent Veterinary Treatment Facility with reinforced concrete foundation and slab with structural steel frame masonry exterior and associated support facilities. The facility will provide full medical services for military working dogs, temporary housing for installation strays and adopted animals and administrative work spaces for staff. This project will be designed within the criteria prescribed in MIL-HDBK-1191 and the Uniform Federal Accessibility Standards/Americans with Disabilities Act Accessibility Guidelines. Operations and maintenance manuals will be provided. Air Conditioning: 88 KW.

11. REQ: 618 m2 ADQT: NONE SUBSTD: 477 m2

PROJECT:

Construct a permanent Veterinary Treatment Facility at Fort Drum, New York. (CURRENT MISSION)

REQUIREMENT:

Provide a state-of-the-art Veterinary Treatment Facility for the tri-service, DOD mission at Fort Drum Branch, Allegany Veterinary Service Support District, North Atlantic Veterinary Service Support Area. The facility will provide care and treatment for the prevention of zoonotic diseases to Military working dogs and approximately 5000 active and retired military privately-owned pets, house all the post strays and adoption animals (about 600 per year) and provide administration offices for the food inspection mission which covers sixty facilities across New York State.

CURRENT SITUATION:

The current Veterinary Service building is a remodeled section of an old World War II post hospital and its connected 1991 concrete block animal holding facility. The last major renovation was done before the major Fort Drum Expansion in 1984. Since Fort Drum has expanded to ten times its original size, and Griffiss & Plattsburg Air Force Bases have been closed, all additional duties and responsibilities have been added to the Fort Drum Veterinary Services, without a corresponding change in facilities. The existing connected buildings of the Veterinary Services are the only remaining structures in this section of the Post, 2400 area, following the FY97 Demolition Program. The existing Veterinary Clinic is located on the opposite side of the Post from all other services. The heating system is no longer dependable and is hard to properly maintain. Furnace outages have threatened building shutdown numerous times during the last heating season. An urgent concern is the Reengineering (demolition) Project on Fort Drum.

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEF (TMA)		FEB 2000

3. Installation and Location/UIC:	4. Project Title
Fort Drum New York	Veterinary Treatment Facility

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)	
87717D	530	29318	Auth Appr	1,400 1,400

IMPACT IF NOT PROVIDED:
The great increase in soldier population, and therefore greater food inspection mission and animal services will continue placing great demand on the old, small World War II facility. There are no permanent buildings on Post available for this type of facility. This building has been identified for demolition by the base. If a new facility is not provided, this will have a negative impact on the food inspection and animal services mission.

ADDITIONAL:
The English square foot equivalent for this construction project is 6,652 SF.

19. Supplemental Data:

A. Estimated Design Data:	
(1) Status:	month & year
(a) Design Start Date	MAR 1999
(b) Percent Complete As Of 01 Jan 2000 (BDGT YR)	100
(c) Percent Complete As Of 01 Oct 2000 (PROG YR)	100
(d) Concept Complete Date	MAY 1999
(e) Design Complete Date	OCT 1999
(f) Type of Design Contract:	
4. Design Build (YES/NO) NO	
5. Design-Bid-Build (YES/NO) YES	
6. Site Adapt (YES/NO) NO	
(2) Basis:	
(a) Standard or Definitive Design - (YES/NO) N	
(b) Where Design Was Most Recently Used	
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	($000)
(a) Production of Plans and Specifications	77
(b) All Other Design Costs	183
(c) Total Design Cost	260
(d) Contract	185
(e) In-house	75
	month & year
(4)Design Contract Award	MAR 1999
(5) Construction Start	JAN 2001
(6) Construction Completion	DEC 2002

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA		2. Date
DEF (TMA)			FEB 2000
3. Installation and Location/UIC: Fort Drum New York		4. Project Title: Veterinary Treatment Facility	
5. Program Element: 87717D	6. Category Code: 530	7. Project Number: 29318	8. Project Cost ($000): Auth 1,400 Appr 1,400

12. Supplemental Data (Continued):

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

Director, Defense Medical Facilities Office: Mr. Surinder K. Sharma, P.E.
Phone Number: 703-681-3970

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEF (TMA)		FEBRUARY 2000
3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Germany Various	U. S. Army Europe	1.27

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. As of 30 Sep 1999	0	0	0	0	0	0	0	0	0	0
B. End FY 2005	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA ($000)

A. TOTAL AREA	0 ha
B. INVENTORY TOTAL AS OF 30 SEP 1999	0
C. AUTHORIZATION NOT YET IN INVENTORY	0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	8,587
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	35,000
F. PLANNED IN NEXT THREE YEARS	69,500
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	113,087

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
550	50179	Health/Dental Clinic Life Safety Upgrade (Kitzingen)	1,400	10/1998	09/2000
550	50145	Health/Dental Clinic Addition/Alteration (Wiesbaden)	7,187	06/1999	06/2000
		TOTAL	8,587		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A.	INCLUDED IN THE FOLLOWING PROGRAM (FY 2002):	
510	Patient Care Ancillary Addition (Heidelberg)	35,000
	TOTAL	35,000
B.	PLANNED NEXT THREE PROGRAM YEARS:	
550	Composite Medical Facility Replacement (Spangdahlem)	24,000
510	Patient Care Ancillary Addition (Landstuhl)	23,000
550	Health Clinic Addition/Alteration (Mannheim)	3,500
550	Clinic Replacement (Ramstein)	19,000
	TOTAL	69,500

10. MISSION OR MAJOR FUNCTION:

Support of U.S. Army, Europe and Seventh Army.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

RPM Backlog: There are no service estimated costs associated with deficiencies in medical facilities at this installation.

Director DMFO: Mr. Surinder K. Sharma, P.E.
Phone Number: 703-681-3970

DD Form 1 Dec 76 1390 PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED PAGE NO.

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEF (TMA)		FEB 2000

3. Installation and Location/UIC:	4. Project Title
Kitzingen, Germany	Health/Dental Clinic Life Safety Upgrade

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717D	550	50179	Auth 1,400 Appr 1,400

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				1,122
Life Safety Upgrade	LS	–	–	(525)
Stairwell/Elevator Addition	SF	2,200	271.36	(597)
SUPPORTING FACILITIES				193
Electric Service	LS	–	–	(25)
Water, Sewer, Gas	LS	–	–	(76)
Paving, Walks, curbs and Gutters	LS	–	–	(47)
Storm Drainage	LS	–	–	(6)
Site Imp (14) Demo ( )	LS	–	–	(14)
Other	LS	–	–	(25)
ESTIMATED CONTRACT COST				1,315
CONTINGENCY PERCENT (0.00%)				0
SUBTOTAL				1,315
SUPERVISION, INSPECTION & OVERHEAD (6.50%)				85
CATEGORY E EQUIPMENT				0
TOTAL REQUEST				1,400
TOTAL REQUEST (ROUNDED)				1,400
INSTALLED EQT-OTHER APPROPRIATIONS				(0)

10. Description of Proposed Construction:
Correct life safety and fire safety code deficiencies to meet National Fire Protection Association (NFPA) Life Safety Code standards and Joint Commission on Accreditation of Healthcare Organization (JCAHO) requirements at the Kitzingen Health and Dental Clinic. The project will be designed within the criteria prescribed in MIL-HDBK-1191 and the Uniform Federal Accessibility Standards/Americans with Disabilities Act Accessibility Guidelines. Air Conditioning: None.

11. REQ: 29,116 SF ADQT: NONE SUBSTD: 26,916 SF

PROJECT:
Perform a life safety upgrade to include handicapped accessibility at the Kitzengen Health/Dental Clinic. (CURRENT MISSION)

REQUIREMENT:
This project will correct Life Safety and ADA deficiencies to meet NFPA 101 and JCAHO standards. The clinic is required for the delivery of quality healthcare in the Kitzingen Military Community.

CURRENT SITUATION:
The Kitzingen Health Clinic supports the Kitzingen military community, consisting of units based at both Harvey and Larson Barracks. This is the only health/dental clinic servicing this community. The building was constructed in the 1930's and has been providing healthcare since the late 1940's. The main entrance is not handicapped accessible per ADA regulations. It exits directly to the street with little or no landing area. There are also no ADA code compliant ramps for entering and exiting the clinic. The doors at the western and southern entrances of the facility exit onto unpaved driveways with landings that are substandard. The only internal staircase fails to meet NFPA and German life safety codes because it does not exit directly to the exterior. Individual treatment areas lack privacy for patients to receive confidential consultations from physicians. Both exterior steel stairs at each end of the building are exposed to the elements and should be covered to avoid ice and snow. They have open risers, with treads and landings constructed of steel grating in contradiction to NFPA 101 and ADA.

1. Component DEF (TMA)	FY 2001 MILITARY CONSTRUCTION PROJECT DATA		2. Date FEB 2000
3. Installation and Location/UIC: Kitzingen, Germany		4. Project Title Health/Dental Clinic Life Safety Upgrade	
5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717D	550	50179	Auth 1,400 Appr 1,400

IMPACT IF NOT PROVIDED:
The substandard conditions will continue to affect the quality and efficiency of the healthcare given to soldiers and their families. Handicapped or injured patients will continue to experience extreme difficulties moving around and throughout the clinic. The health and dental clinics will continue to operate in an unsafe facility. In the event of a fire, life safety of the staff and patient will be endangered by lack of adequate means of egress.

HOST NATION:
Host nation support has been sought and denied via the Payment in Kind (PIK) program that is indefinitely suspended. Conventional Forces Europe (CFE) planners have certified that there will be continued occupancy by US troops and are no known troop reductions or additions planned for this installation.

NATO INFRASTRUCTURE:
This project is not within an established NATO Infrastructure Category for common funding nor is it expected to become eligible.

20. Supplemental Data:

A. Estimated Design Data:

	month & year
(1) Status:	
(a) Design Start Date	OCT 1998
(b) Percent Complete As Of 01 Jan 2000 (BDGT YR)	35
(c) Percent Complete As Of 01 Oct 2000 (PROG YR)	100
(d) Concept Complete Date	SEP 1999
(e) Design Complete Date	SEP 2000
(f) Type of Design Contract:	
7. Design Build (YES/NO) NO	
8. Design-Bid-Build (YES/NO) YES	
9. Site Adapt (YES/NO) NO	
(2) Basis:	
(a) Standard or Definitive Design - (YES/NO) N	
(b) Where Design Was Most Recently Used	
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	
(a) Production of Plans and Specifications	80
(b) All Other Design Costs	104
(c) Total Design Cost	184
(d) Contract	144
(e) In-house	40

1. Component DEF (TMA)	FY 2001 MILITARY CONSTRUCTION PROJECT DATA		2. Date FEB 2000
3. Installation and Location/UIC: Kitzingen, Germany		4. Project Title Health/Dental Clinic Life Safety Upgrade	
5. Program Element 87717D	6. Category Code 550	7. Project Number 50179	8. Project Cost ($000) Auth 1,400 Appr 1,400

12. Supplement Data: (CONTINUED)

A. Estimated Design Data: (CONTINUED)

	month & year
(4) Design Contract Award	OCT 1998
(5) Construction Start	JAN 2001
(6) Construction Completion	DEC 2001

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

Director, Defense Medical Facilities Office: Mr. Surinder K. Sharma, P.E.
Phone Number: 703-681-3970

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEF (TMA)		FEB 2000

3. Installation and Location/UIC:	4. Project Title
Wiesbaden Air Base Germany	Health/Dental Clinic Addition/Alteration

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717D	550	50145	Auth 7,187 Appr 7,187

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				5,660
Health Clinic Alteration	m2	1,107	1,698.28	(1,880)
Health Clinic Addition	m2	1,312	2,264.48	(2,971)
Dental Clinic Alteration	m2	1,047	679.08	(711)
Building Information Systems	LS	–	–	(98)
SUPPORTING FACILITIES				948
Electric Service	LS	–	–	(37)
Water, Sewer, Gas	LS	–	–	(108)
Paving, Walks, Curbs And Gutters	LS	–	–	(65)
Storm Drainage	LS	–	–	(13)
Site Imp(349) Demo( )	LS	–	–	(309)
Information Systems	LS	–	–	(349)
Other	LS	–	–	(67)
ESTIMATED CONTRACT COST				6,608
CONTINGENCY PERCENT (0.00%)				0
SUBTOTAL				6,608
SUPERVISION, INSPECTION & OVERHEAD (6.50%)				429
CATEGORY E EQUIPMENT				150
TOTAL REQUEST				7,187
TOTAL REQUEST (ROUNDED)				7,187
INSTALLED EQT-OTHER APPROPRIATIONS				(0)

10. Description of Proposed Construction: Construct clinic addition with building envelope compatible with existing. The addition will house physical therapy, social services, optometry, and community health nursing. Alter existing clinic to provide an efficient and functional layout for primary care, radiology, pathology, pharmacy, dental and support spaces. Construct a stairwell/elevator addition to the clinic that will serve all three floors. Upgrade HVAC to provide indoor environment control. This project will be designed in accordance with MIL-HDBK-1191 and the Uniform Federal Accessibility Standards/Americans with Disabilities Act Accessibility Guidelines. Operation and Maintenance Manuals will be provided. Air Conditioning: 415 KW.

11. REQ: 12,810 m2 ADQT: 9,344 m2 SUBSTD: 2154 m2

PROJECT: Construct a stairwell/elevator addition, a clinical addition, and renovate the current Wiesbaden health/dental clinic. (CURRENT MISSION)

REQUIREMENT: The new construction will correct existing Life Safety and ADAAG Deficiencies and consolidate outlying clinics into this clinic.

1. Component DEF (TMA)	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date FEB 2000

3. Installation and Location/UIC:	4. Project Title
Wiesbaden Air base Germany	Health/Dental Clinic Addition/Alteration

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717D	550	50145	Auth 7,187
			Appr 7,187

CURRENT SITUATION:
The Wiesbaden Health/Dental Clinic supports the military community consisting of V Corps Headquarters, a Base Support Battalion, two Brigades, two independent battalions, one Mobile Army Surgical Hospital (MASH), retirees, DoD civilians, and various support agencies in and around the Wiesbaden and Mainz areas. This is the only health/dental clinic servicing this community. The Social Work Services, Physical Therapy, Optometry, and Community Health Nursing are currently in outlying areas. The building was constructed in the 1930s. The main entrance is not handicapped accessible. The only internal staircase fails to meet U.S. and German life safety codes. Individual treatment areas lack privacy for patients to receive confidential consultations from physicians. The dental clinic fails to meet environmental controls for delivering quality dental care.

IMPACT IF NOT PROVIDED: The substandard conditions will continue to effect the quality of the healthcare given to soldiers and their families. Handicapped or injured patients will continue to experience difficulties moving around the clinic. Patients and staff will continue to be at risk due to noncompliance with life safety codes.

ADDITIONAL: The English square foot equivalent for this construction project is 37,308 SF.

21. Supplemental Data:

A. Estimated Design Data:	
(1) Status: month & year	
(a) Design Start Date	JUN 1999
(b) Percent Complete As Of 01 Jan 2000 (BDGT YR)	50
(c) Percent Complete As Of 01 Oct 2000 (PROG YR)	100
(d) Concept Complete Date	SEP 1999
(e) Design Complete Date	JUN 2000
(f) Type of Design Contract:	
1. Design Build (YES/NO) NO	
2. Design-Bid-Build (YES/NO) YES	
3. Site Adapt (YES/NO) NO	
(2) Basis:	
(a) Standard or Definitive Design - (YES/NO) N	
(b) Where Design Was Most Recently Used	
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	($000)
(a) Production of Plans and Specifications	390
(b) All Other Design Costs	538
(c) Total Design Cost	928
(d) Contract	720
(e) In-house	208

1. Component DEF (TMA)	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date FEB 2000
3. Installation and Location/UIC: Wiesbaden Air base Germany	4. Project Title Health/Dental Clinic Addition/Alteration	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717D	550	50145	Auth 7,187 Appr 7,187

SUPPLEMENTAL DATA (CONTINUED):

A. Estimated Design Data: (CONTINUED)

	month & year
(4) Design Contract Award	JUN 1999
(5) Construction Start	APR 2001
(6) Construction Completion	DEC 2002

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Medical Equipment	OMA	2002	$ 783
		TOTAL	$ 783

Director, Defense Medical Facilities Office: Mr. Surinder K. Sharma, P.E.
Phone Number: 703-681-3970

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEF (TMA)		FEBRUARY 2000
3. INSTALLATION AND LOCATION Naples Naval Support Activity Italy	4. COMMAND Bureau of Medicine and Surgery	5. AREA CONSTRUCTION COST INDEX 1.29

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	578	2165	1867	0	0	0	115	195	0	4,920
B. END FY 20005.	626	2401	1870	0	0	0	115	195	0	5,207

7. INVENTORY DATA ($000)

A. TOTAL AREA	70 ha	
B. INVENTORY TOTAL AS OF 30 SEPTEMBER 1999		114,080
C. AUTHORIZATION NOT YET IN INVENTORY		0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM		43,850
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
F. PLANNED IN NEXT THREE YEARS		0
G. REMAINING DEFICIENCY		0
H. GRAND TOTAL		157,930

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
510	23320	Medical/Dental Facility Replacement	43,850	N/A	N/A
		TOTAL	43,850		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A.	INCLUDED IN THE FOLLOWING PROGRAM (FY 2002) NONE	
B.	PLANNED NEXT THREE YEARS: NONE	

10. MISSION OR MAJOR FUNCTION:

Support all Naval commands and organizations ashore in the Naples area, using mainly leased facilities Agnano, Pinetemare and Bagnoli; and the military controlled compound at Capodichino Airport. Commands include Sixth Fleet task force commands and staffs for: 1) combat support force (CTF-63), 2) ballistic missile submarine force (CTF-64), 3) area anti-submarine warfare force (CTF- 66), 4) maritime surveillance and reconnaissance force (CTF-67), and 5) attack submarine force (CTF-69). Also supported is the Commander, Fleet Air Mediterranean staff, responsible for management of all Navy shore bases in the Mediterranean. U.S. personnel assigned to the Allied Forces, Southern Europe (AFSOUTH) NATO command in Naples are also a responsibility. Communications Station, Naval Hospital, fleet landing on Naples waterfront, and Sixth Fleet flagship at Gaeta are also supported.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

RPM Backlog: The service estimated cost to remedy the deficiencies in all existing permanent and semi-permanent medical facilities at this installation is $ 2,449,000.

Director DMFO: Mr. Surinder K. Sharma, P.E.
Phone Number: 703-681-3970

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEF (TMA)		FEB 2000

3. Installation and Location/UIC:	4. Project Title
Naples Naval Support Activity Italy	Medical/Dental Facility Replacement

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717D	510	23320	Auth 43,850 Appr 43,850

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				43,850
Purchase Medical/Dental Facility	LS	–	–	(43,850)
SUPPORTING FACILITIES				
ESTIMATED CONTRACT COST				43,850
CONTINGENCY PERCENT (.00 %)				(0)
SUBTOTAL				43,850
SUPERVISION, INSPECTION & OVERHEAD (.00 %)				(0)
CATEGORY E EQUIPMENT				(0)
TOTAL REQUEST				43,850
TOTAL REQUEST (ROUNDED)				43,850
INSTALLED EQT-OTHER APPROPRIATIONS				(6,000)

10. Description of Proposed Construction:
The United States Government will purchase a completed Medical/Dental facility (Hospital). The Medical/Dental facility is a three-story building comprised of approximately 170,450 SF including a single-story Central Energy building of 9,500 SF. The new facility will include a 26-bed inpatient facility, four (4) labor/delivery/recovery/postpartum suites, medical and dental outpatient clinics, surgical and delivery suites, Laboratory, Radiology, Pharmacy, Physical Therapy, Emergency, Magnetic Resonance Imaging room, Command and Administration, Central Material Services (CMS), Logistical and Support Services, and Food Service and dining functions. The new facility also includes an ambulance shelter, water storage tanks for potable water and fire protection, 343 parking spaces and other supporting facilities. The project is sited on leased land of the US Naval Support Site, Gricignano, Italy. This project is designed within the criteria prescribed in MIL-HDBK-1191 and the Uniform Federal Accessibility Standards/Americans with Disabilities Act Accessibility Guidelines. Air conditioning: 700 Tons.

11. REQ: 170,450 SF ADQT: NONE SUBSTD: 175,812 SF

PROJECT: This project will provide for the United States Government to purchase a completed medical/dental facility. (CURRENT MISSION)

REQUIREMENT: This project is required to provide healthcare to the military beneficiaries in support of the Naples Improvement Initiative (relocation from Agnano to Gricignano). This replacement project is in the third of four increments of support site facilities acquisition and will be designed to meet U.S. specifications.

CURRENT SITUATION: On August 6, 1998, a lease construction with option to buy contract was awarded to provide an adequate new Medical/Dental Facility at Gricignano, Italy to replace the existing inadequate leased facility located in the Agnano area. The current, inadequate Naval Hospital is located more than 30 kilometers away from the two primary Naval Support Sites established by the Naples Improvement Initiative at Capodichino and Gricignano, Italy. The existing facility is incompatible with the day-to-day healthcare operations demanded within this high tempo military overseas catchment area. Due to known structural deformities and design deficiencies within the current Hospital facility, it is vulnerable to structural failure and collapse in the event of a major seismic episode such as those possible within Seismic Zone 3 locations. The lack of cost-effective engineering solutions to adequately address the risk of catastrophic building failure creates an unacceptable level of risk for patients and hospital staff. The current facility lacks medical gas systems and requires complete replacement of the HVAC systems. In addition, the current electrical distribution system is antiquated and cannot handle the power requirements and electrical loads in support of a modern healthcare environment. Taken together, the structural deficiencies directly jeopardize the welfare of the military and family members serving in the Naples Theater of Military Operations. The distance and the lack of good transportation from the primary operating locations negatively impacts access to care.

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEF (TMA)		FEB 2000

3. Installation and Location/UIC:	4. Project Title
Naples Naval Support Activity Italy	Medical/Dental Facility Replacement

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)	
87717D	510	23320	Auth Appr	43,850 43,850

IMPACT IF NOT PROVIDED: Failure to execute a purchase option will result in an initial payment of rent of $8,846,948 the first year (FY01=$) escalating over a period of 27 years. This equates to purchasing the facility at a Present Value (PV) of approximately $145,167,521 not including ordinary maintenance and utilities.

ADDITIONAL: The purchase of the Medical/Dental Facility will provide ownership for a period that does not exceed the final expiration date of the land lease. The site of the Medical/Dental Facility is privately held land leased to the Navy for a period of 30 years, and expiring in 2028. Ownership of the Medical/Dental Facility is automatically vested in the Lessor of the site, Mirabella, S.P.A., upon final expiration of land lease N62470-95-RP-00005 approximately 27 years after completion of the facility construction.

22. Supplemental Data:

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
INVESTMENT	OP	2000	3,000
INVESTMENT	OP	2001	3,000
EXPENSE	OMN	2000	8,000
EXPENSE	OMN	2001	4,000
EXPENSE	OMN	2002	400
		TOTAL	18,400

Director, Defense Medical Facilities Office: Mr. Surinder K. Sharma, P.E.
Phone Number: 703-681-3970

FY 2001 MILITARY CONSTRUCTION, DEFENSE-WIDE
($ in Thousands)

State/Agency/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Germany				
Kleber Kaserne, Kaiserslauten				
Renovate DFAS Regional Finance Center	7,500	7,500	C	55
Total	**7,500**	**7,500**		

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEF (DFAS)		7 February 2000
3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Germany Various, Germany	US Army Europe and Seventh Army	1.27

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	0	0	0	0	0	0	0	0	0	0
B. END FY 2005	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA ($000)

A. TOTAL AREA	
B. INVENTORY TOTAL AS OF 30 SEPTEMBER 1999	0
C. AUTHORIZATION NOT YET IN INVENTORY	0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	7,500
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE YEARS	0
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	7,500

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
610	52972	DFAS – Regional Finance Center	7,500		
		TOTAL	7,500		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A.	INCLUDED IN THE FOLLOWING PROGRAM (FY 2002) : NONE	
B.	PLANNED NEXT THREE PROGRAM YEARS: NONE	

10. MISSION OR MAJOR FUNCTION:

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEF (DFAS)		7 February 2000

3. Installation and Location/UIC:	4. Project Title
Klaber Kaserne. Kaiserslautern. Germanv	DFAS – Regional Finance Center

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
901527	610	52972	Auth 7,500 Appr 7,500

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				7,018
Architectural Work	LS	--	--	(3,406)
Sanitary Work	LS	--	--	(661)
Heating Work	LS	--	--	(870)
Ventilation Work	LS	--	--	(107)
Electrical Work	LS	--	--	(1614)
Total from Continuation page				(360)
SUPPORTING FACILITIES	LS	--	--	53
Information Systems				(53)
ESTIMATED CONTRACT COST				7,171
CONTINGENCY PERCENT (00%)				
SUBTOTAL				7,071
SUPERVISION, INSPECTION & OVERHEAD (6.50 %)				460
CATEGORY E EQUIPMENT				7,531
TOTAL REQUEST				7,500
TOTAL REQUEST (ROUNDED)				(1,420)
INSTALLED EQT-OTHER APPROPRIATIONS				

10. Description of Proposed Construction: Convert building 3200, Kleber Kaserne, Kaiserslautern, Germany, from Annual Training Enlisted Barracks (Cat Code 72114) to General Purpose Administrative. The completed facility will accommodate the Defense Finance and Accounting Service (DFAS). The project requires the conversion of bedroom and shower rooms to office space. Provision for the physically handicapped (elevators, ramps and lifts) is required. The project also includes major repair and/or replacement of walls, wall, floor and ceiling finishes; doors; windows; roofing; and mechanical, electrical and heating systems. Exterior painting is also included. The completed project will provide space for offices, conference room, office equipment, personal computers, records and central file area, office supply storage, latrines, break/vending area, and vault. The multi-story building is categorized as an historic monument.

11. REQ: 8,829 m2 ADQT: None SF SUBSTD: 8,829 m2 SF

PROJECT: Convert existing Annual Training Enlisted Barracks facility to a General Purpose Administrative building. Repair/replace failed or failing building components to current standards.

1. Component DEF (DFAS)	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date February 7, 2000
3. Installation and Location/UIC: Kleber Kaserne, Kaiserslautern, Germany	4. Project Title: DFAS – Regional Finance Center	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
901527	610	52972	Auth 7,500 Appr 7,500

9. COST ESTIMATES (CONTINUED)

Item	U/M	QTY	UNIT COST	COST ($000)
PRIMARY FACILITY (Continued)				
Air Conditioning	LS	--	--	(48)
Building Information Systems	LS	--	--	(312)
			TOTAL	360

REQUIREMENT: This project is required to convert an existing barracks facility for use as an administrative facility by DFAS. The project is also required to meet current codes and criteria such as Occupational Safety and Health Act (OSHQ), National Fire Protection (NFPA), and other applicable life-safety standards.

CURRENT SITUATION:
IMPACT IF NOT PROVIDED: If this project is not provided, the planned establishment of the Defense Finance and Accounting Service cannot be executed.

12. Supplemental Data:

A. Estimated Design Data:

(1) Status:
- (a) Design Start Date.....Dec 1999
- (b) Percent Complete As Of 01 Jan 2000 (BDGT YR) 15
- (c) Percent Complete As Of 01 Oct 2000 (PROG YR) 100
- (d) Design Complete Date Sep 2000
- (e) Type of Design Contract:
  1. Design Build (YES/NO)
  2. Design-Bid-Build (YES/NO)
  3. Site Adapt (YES/NO).....YES

(2) Basis:
- (a) Standard or Definitive Design - (YES/NO) N
- (b) Where Design Was Most Recently Used

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):
- (a) Production of Plans and Specifications 319
- (b) All Other Design Costs.....98
- (c) Total Design Cost.....417
- (d) Contract 0
- (e) In-house 417

(4) Design Contract Award
(5) Construction Start .....DEC 2000
(6) Construction Completion.....MAR 2002

1. Component DEF (DFAS)	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date 7 February 2000
3. Installation and Location/UIC: Kleber Kaserne. Kaiserslautern. Germanv	4. Project Title DFAS – Regional Finance Center	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
901527	610	52972	Auth 7,500 Appr 7,500

12. Supplemental Data (Continued):

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested		Cost ($000)
Systems Furniture	DWCF	2002		1,344
Moving	DWCF	2002		76
			TOTAL	1,420

FY 2001 MILITARY CONSTRUCTION, DEFENSE-WIDE
($ in Thousands)

State/Agency/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
California				
Defense Fuel Support Point				
NAS North Island				
Replace Fuel Storage Tanks	5,900	5,900	C	61
Defense Fuel Support Point				
Marine Corps Air Station Twentynine Palms				
Fuel Storage Facility	2,200	2,200	C	64
Florida				
Defense Fuel Support Point				
MacDill Air Force Base				
Replace Hydrant Fuel System	16,956	16,956	C	67
Kansas				
Defense Fuel Support Point				
McConnell Air Force Base				
Hydrant Fuel System	11,000	11,000	C	70
Maryland				
Defense Fuel Support Point				
NAS Patuxent River				
Replace Operating Fuel Tanks	8,300	8,300	C	73
Nevada				
Defense Fuel Support Point				
Naval Air Station Fallon				
Replace Operating Fuel Tanks	5,000	5,000	C	76
North Carolina				
Defense Fuel Support Point				
Marine Corps Air Station Cherry Point				
Replace Fuel Storage Tanks	5,700	5,700	C	79
Pennsylvania				
Defense Distribution Depot Susquehanna				
New Cumberland				
Replace Child Development Center	4,700	4,700	C	83
Replace Controlled Humidity Warehouse	13,000	13,000	C	85

FY 2001 MILITARY CONSTRUCTION, DEFNESE-WIDE
($ in Thousands)

State/Agency/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Virginia				
Defense Supply Center				
Richmond				
Emergency Services Facility	4,500	4,500	C	87
Defense Fuel Support Center				
Naval Air Station Oceana				
Replace Fuel Storage Tank	2,000	2,000	C	90
Total Inside the United States	**79,256**	**79,256**		
Guam				
Defense Fuel Support Point				
Andersen Air Force Base				
Replace Fuel Storage Tanks	16,000	16,000	C	94
Replace Hydrant Fuel System	20,000	20,000	C	96
Italy				
Defense Fuel Support Point				
Naval Air Station Sigonella				
Replace Bulk Fuel Storage Facility	16,300	16,300	C	98
Japan				
Defense Fuel Support Point				
Marine Corps Air Station Iwakuni				
Bulk Fuel Storage Tanks	22,400	22,400	C	101
Defense Fuel Support Point				
Misawa Air Force Base				
Bulk Fuel Storage Tanks	26,400	26,400	C	104
United Kingdom				
Defense Fuel Support Point				
RAF Mildenhall				
Replace Hydrant Fuel System	10,000	10,000	C	107
Total Outside the United States	**111,100**	**111,100**		
TOTAL	**190,356**	**190,356**		

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		FEB 00

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
NAVAL AIR STATION NORTH ISLAND, CORONADO, CA	DEFENSE LOGISTICS AGENCY	1.10

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
Tenant of USN										

7. INVENTORY DATA ($000)

A. TOTAL AREA	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZATION NOT YET IN INVENTORY	0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	5,900
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE YEARS	0
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	5,900

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
411	DESCA122	Replace Fuel Storage Tanks	5,900	10/99	07/00

. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
	None	

10. MISSION OR MAJOR FUNCTION

The mission of Naval Air Station North Island is to maintain and operate facilities and provide services and material, including POL, to support six major Naval Flag Commands with four wings of 22 aircraft squadrons, totaling 251 aircraft (12 different models). NAS North Island supports U.S. Customs, Border Patrol, and other law enforcement agencies. It also supports all U.S. and treaty-nation transient aircraft and equipment. North Island is the homeport of two aircraft carriers, *USS Constellation* (CV 64) and *USS John Stennis* (CVN 74). It operates and maintains facilities at NALF San Clemente Island, NALF Imperial Beach, and Naval Amphibious Base Coronado and has the only naval aviation repair depot on the west coast.

The backlog of maintenance and repair for fuel facilities at this location is $5.5 million through FY 05.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 00

3. Installation and Location:	4. Project Title
NAVAL AIR STATION NORTH ISLAND CORONADO, CALIFORNIA	REPLACE FUEL STORAGE TANKS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	411	DESCA122	5,900

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	4,048
FUEL STORAGE TANKS	kL	8,586	320	(2,748)
PUMPHOUSE	LS	-	-	(800)
TRUCK LOAD/UNLOAD FACILITIES	LS	-	-	(350)
FUEL DISTRIBUTION PIPING	-	-	-	(150)
SUPPORTING FACILITIES	-	-	-	1,490
SITE PREPARATION AND IMPROVEMENTS	LS	-	-	(300)
SITE UTILITIES	LS	-	-	(340)
DEMOLITION	LS	-	-	(800)
OPERATIONS & MAINTENANCE SUPPORT INFORMATION	LS	-	-	(50)
ESTIMATED CONTRACT COST	-	-	-	5,538
SUPERVISION, INSPECTION, & OVERHEAD (SIOH) (6%)	-	-	-	332
TOTAL REQUEST	-	-	-	5,870
TOTAL REQUEST ROUNDED	-	-	-	5,900

Description of Proposed Construction: Construct aboveground jet fuel (JP-5) storage tanks, totaling 8,586 kL (54,000 barrels), with cathodic protection, leak detection, secondary containment, and automatic high level shutoffs. This project also includes a pumphouse, fuel distribution piping, truck loading/unloading station, utilities, and site improvements. Decommission/close six underground storage tanks with a combined capacity of 10,448 kL (65,710 barrels) and associated underground pipelines. Provide operations and maintenance support information.

11 REQUIREMENT: 8,586 kL ADEQUATE: 0 kL SUBSTANDARD: 10,448 kL

PROJECT: Replace six non-compliant underground fuel storage tanks with aboveground storage tanks and associated fuel facilities. (C)

REQUIREMENT: There is a need to replace six 50-year-old underground storage tanks (UST) that no longer comply with the State of California UST regulations. This project fulfills an agreement between the station and the Department of Environmental Health (DEH), County of San Diego, to replace USTs at the fuel farm in resolution of a Notice of Violation issued by the DEH. These tanks supply jet fuel to aircraft carriers, other surface ships, and all aircraft stationed at or transiting NAS North Island. Two of these tanks are already out of service, which exacerbates the station's ability to store jet fuel for peacetime and war reserve requirements.

CURRENT SITUATION: At the North Island fuel facility, 9 of 13 underground storage tanks for jet and diesel marine fuels have been removed from service as a result of corrosion, leakage, and structural problems. As a result of the leakage from these tanks, built in the 1940s and 1950s, the groundwater beneath the facility is contaminated with fuel ranging up to three-feet thick in some areas. This contamination plume extends beneath most of the tank farm's area.

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 00

3. Installation and Location:	4. Project Title
NAVAL AIR STATION NORTH ISLAND CORONADO, CALIFORNIA	REPLACE FUEL STORAGE TANKS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	411	DESCA122	5,900

Although the Navy is currently remediating the groundwater, they must get out of the remaining in-service USTs to comply with corrective actions to resolve a Notice of Violation. These tanks will continue to deteriorate and corrode, posing further risk of environmental contamination and greater cleanup costs.

IMPACT IF NOT PROVIDED: If this project is not provided, the station will be forced to operate with reduced on-hand stocks of jet fuel needed by the two aircraft carriers and assigned aircraft homeported at North Island. The potential for further contamination of the environment will increase. In addition, the Navy will not meet its commitment to close USTs at this location, which may result in adverse action by the state to close them. If this action were to happen, the station would not have any JP-5 storage capability to accomplish its mission.

ADDITIONAL: This project meets all applicable DoD criteria.

12. Supplemental Data:

A. Estimated Design Data:

1. Status:
   - (a) Date Design Started.....10/99
   - (b) Parametric Cost Estimate Used to Develop Costs (Yes/No).....NO
   - (c) Percent Completed as of January 2000.....35
   - (d) Date 35 Percent Completed.....01/00
   - (e) Date Design Complete.....07/00
   - (f) Type of Design Contract.....Design/Bid/Build

2. Basis:
   - (a) Standard or Definitive Design:.....YES
   - (b) Date Design was Most Recently Used:.....09/98

3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)
   - (a) Production of Plans and Specifications.....280
   - (b) All Other Design Costs.....190
   - (c) Total.....470
   - (d) Contract.....375
   - (e) In-House.....95

4. Contract Award.....01/01
5. Construction Start.....02/01
6. Construction Completion.....08/02

B. Equipment associated with this project that will be provided from other appropriations:
None

Point of Contact is Thomas P. Barba at 703-767-3534

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		FEB 00

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTI COST INDEX
MARINE CORPS AIR STATION, TWENTYNINE PALMS, CALIFORNIA	DEFENSE LOGISTICS AGENCY	1.29

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
Tenant of USMC										

7. INVENTORY DATA ($000)

A. TOTAL AREA	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZATION NOT YET IN INVENTORY	0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	2,200
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE YEARS	0
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	2,200

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
124	DESC0104	Fuel Storage Facility	2,200	11/98	05/00

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
	None	

10. MISSION OR MAJOR FUNCTION

The mission of Marine Corps Air Station Twentynine Palms is to maintain and operate facilities and provide services, materials, and housing to support the Fleet Marine Force and other units assigned; operate the communication-electronic school; and, conduct training for air-to-ground program for the combined Fleet Marine Force units, both active and reserve.

There is no backlog of maintenance and repair for fuel facilities at this location because no permanent fuel facilities currently exist at this site.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 00

3. Installation and Location:	4. Project Title
MARINE CORPS AIR STATION TWENTYNINE PALMS, CALIFORNIA	FUEL STORAGE FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	124	DESC0104	2,200

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY	-	-	-	1,688
FUEL STORAGE TANKS	kL	1,336	515	(688)
FUEL OPERATIONS FACILITY	LS	-	-	(200)
PUMP SHELTER	LS	-	-	(300)
FUEL DISTRIBUTION PIPING	LS	-	-	(200)
TRUCK FILLSTAND / UNLOAD STATION	LS	-	-	(300)
SUPPORTING FACILITIES	-	-	-	380
SITE PREPARATION AND IMPROVEMENTS	LS	-	-	(200)
SITE UTILITIES	LS	-	-	(150)
OPERATIONS & MAINTENANCE SUPPORT INFORMATION	LS	-	-	(30)
ESTIMATED CONTRACT COST	-	-	-	2,068
SUPERVISION, INSPECTION, & OVERHEAD (SIOH) (6%)	-	-	-	124
TOTAL REQUEST	-	-	-	2,192
TOTAL REQUEST ROUNDED	-	-	-	2,200

Description of Proposed Construction: Construct two 668 kiloliter (kL) (4,200-barrel) aboveground jet fuel (JP-5) storage tanks and fuels operations facility. Work will include impervious dikes, leak detection, cathodic protection, fire protection, pump shelter, site improvements, and fuel transfer piping to the existing tactical-airfield fuel dispensing system. Truck loading and unloading facilities will also be provided. Provide operations and maintenance support information.

11 REQUIREMENT: 1,336 kL ADEQUATE: 0 kL SUBSTANDARD: 0 Kl

PROJECT: Construct two aboveground jet fuel storage tanks and piping to a tactical airfield fuel dispensing facility. (C)

REQUIREMENT: There is a need to provide permanent jet fuel storage in an environmentally safe manner at the Marine Corps Air Ground Combat Center to support air and ground combat training. The center provides air and ground combat training to approximately one quarter of the Marine Corps each year.

CURRENT SITUATION: There are no permanent jet-fuel storage tanks on the base. The base stores approximately 950 kL (5,975 barrels) of jet fuel in 18 10,000- and 20,000-gallon deployable fuel bladders in temporary earthen berms, which are part of the Tactical Airfield Fuel Dispensing System (TAFDS) used in training. These bladders deteriorate rapidly in the intense desert sunlight and must be replaced approximately every 120 days. Leaks have occurred over the years that have resulted in serious soil contamination directly over a potable water aquifer, which supplies water to the base. Due to the systems protracted continued use, the California Regional Water Quality Control Board classified the TAFDS bladder storage system as a permanent jet fuel storage facility and rated the system non-compliant because it lacks leak detection capability and secondary containment. The State now has the authority to restrict or discontinue the use of the system for non-compliance.

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 00

3. Installation and Location:	4. Project Title
MARINE CORPS AIR STATION TWENTYNINE PALMS, CALIFORNIA	FUEL STORAGE FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	124	DESC0104	2,200

IMPACT IF NOT PROVIDED: If this project is not provided, the State will restrict or completely forbid the use of the TAFDS for long-term fuel storage. This situation would jeopardize annual combat tactical training for approximately one quarter of all Marine Corps air and ground forces.

ADDITIONAL: There are no other facilities available in the region to meet the existing mission requirements as defined. This project meets all applicable DoD criteria.

12. **Supplemental Data:**

A. Estimated Design Data:

1. Status:
   - (a) Date Design Started.....11/98
   - (b) Parametric Cost Estimate Used to Develop Costs (Yes/No).....NO
   - (c) Percent Completed as of January 2000.....35
   - (d) Date 35 Percent Completed.....07/99
   - (e) Date Design Complete.....05/00
   - (f) Type of Design Contract.....Design/Bid/Build

2. Basis:
   - (a) Standard or Definitive Design:.....YES
   - (b) Date Design was Most Recently Used:.....09/98

3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)
   - (a) Production of Plans and Specifications.....110
   - (b) All Other Design Costs.....70
   - (c) Total.....180
   - (d) Contract.....135
   - (e) In-House.....45

4. Contract Award.....03/01
5. Construction Start.....04/01
6. Construction Completion.....07/02

B. Equipment associated with this project that will be provided from other appropriations:
None

Point of Contact is Thomas P. Barba at 703-767-3534

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		FEB 00

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
MACDILL AIR FORCE BASE, FLORIDA	DEFENSE LOGISTICS AGENCY	0.88

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
Tenant of the USAF										

7. INVENTORY DATA ($000)

A. TOTAL AREA	
B. INVENTORY TOTAL	
C. AUTHORIZATION NOT YET IN INVENTORY	0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	16,956
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE YEARS	0
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	16,956

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
121	DESCA121	REPLACE HYDRANT FUEL SYSTEM	16,956	10/99	09/00

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
	None	

10. MISSION OR MAJOR FUNCTION

The mission of MacDill AFB is to maintain and operate facilities and provide services, materials, and housing to support an air refueling wing with a KC-135 squadron. Tenants include US Special Operations Command and US Central Command.

The backlog of maintenance and repair for fuel facilities at this location is $1.4 million through FY 05.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 00

3. Installation and Location:	4. Project Title
MACDILL AIR FORCE BASE, FLORIDA	REPLACE HYDRANT FUEL SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	121	DESCA121	16,956

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	13,255
REFUELING OUTLETS	OL	12	310,000	(3,720)
OPERATING TANKS	kL	7,950	300	(2,385)
PUMPHOUSE	LS	-	-	(2,500)
TRUCK FILLSTANDS/UNLOAD STATION	LS	-	-	(1,650)
TRANSFER PIPELINE	LS	-	-	(3,000)
SUPPORTING FACILITIES	-	-	-	2,741
SITE PREPARATIONS AND IMPROVEMENTS	LS	-	-	(791)
MECHANICAL & ELECTRICAL UTILITIES	LS	-	-	(950)
DEMOLITION	LS	-	-	(730)
OPERATIONS & MAINTENANCE SUPPORT INFORMATION	LS	-	-	(270)
ESTIMATED CONTRACT COST	-	-	-	15,996
SUPERVISION, INSPECTION, & OVERHEAD (SIOH) (6%)	-	-	-	960
TOTAL REQUEST	-	-	-	16,956

10. **Description of Proposed Construction:** Provide a pressurized hydrant fuel system with one 152 liter-per-second (2,400 gallon-per-minute) pumphouse, 12 hydrant fuel outlets, two 3,975-kiloliter (kL) (25,000-barrel) storage tanks, truck fillstand, unloading stations, transfer pipeline, and all associated equipment and facilities. Installed emergency diesel generator. Demolish existing four hydrant systems and underground storage tanks. Provide operations and maintenance support information.

11. REQUIREMENT: 12 OL ADEQUATE: 0 OL SUBSTANDARD: 0 OL

PROJECT: Replace four deteriorated, obsolete hydrant fuel systems with a single pressurized system for KC-135 aircraft. (C)

REQUIREMENT: There is a need to provide a hydrant fuel system for KC-135 aircraft supporting strategic en route refueling requirements. This project will replace four 50-year-old systems that have failed or are failing. These systems can no longer support either peacetime or strategic en route missions. The project includes the replacement of the fuel transfer pipeline between the bulk fuel terminal and the new flightline operating tanks.

CURRENT SITUATION: The existing systems are obsolete and not capable of efficiently refueling wide-bodied aircraft. Currently, three of the four hydrant systems are out of service due to deteriorated piping, leakage, tank settlement, or non-compliance with Florida environmental regulations. Spare parts are not available due to the obsolescence of these systems. The fuel transfer line has had numerous leaks in the past and incurs costly annual testing expenses to ensure compliance with environmental requirements.

1. Component DEFENSE (DLA)	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date FEB 00

3. Installation and Location:	4. Project Title
MACDILL AIR FORCE BASE, FLORIDA	REPLACE HYDRANT FUEL SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	121	DESCA121	16,956

IMPACT IF NOT PROVIDED: If this project is not provided, the ability of MacDill AFB to support strategic en route refueling of KC-135 tankers will be severely degraded. The base will be forced to rely on refueling by trucks, which is slow and inefficient since it requires additional manpower and equipment.

ADDITIONAL: This project meets all applicable DoD criteria.

12. Supplemental Data:

A. Estimated Design Data:
1. Status:
   (a) Date Design Started.....10/99
   (b) Parametric Cost Estimate Used to Develop Costs (Yes/No).....NO
   (c) Percent Completed as of January 2000.....35
   (d) Date 35 Percent Completed.....01/00
   (e) Date Design Complete.....09/00
   (f) Type of Design Contract.....Design/Bid/Build

2. Basis:
   (a) Standard or Definitive Design:.....YES
   (b) Date Design was Most Recently Used:.....07/99

3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)

   (a) Production of Plans and Specifications.....660
   (b) All Other Design Costs.....440
   (c) Total.....1100
   (d) Contract.....880
   (e) In-House.....220

4. Contract Award.....01/01
5. Construction Start.....02/01
6. Construction Completion.....02/03

B. Equipment associated with this project that will be provided from other appropriations:
None

Point of Contact is Thomas P. Barba at 703-767-3534

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1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		FEB 00

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
MCCONNELL AIR FORCE BASE, KANSAS	DEFENSE LOGISTICS AGENCY	0.99

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
Tenant of USAF										

7. INVENTORY DATA ($000)

A. TOTAL AREA	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZATION NOT YET IN INVENTORY	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	11,000
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE YEARS	13,100
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	24,100

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
121	DFSC9813	Hydrant Fuel System	11,000	01/96	05/00

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
121	Hydrant Fuel System (FY 05)	13,100

10. MISSION OR MAJOR FUNCTION

Home base of an air refueling wing with four squadrons of KC-135 aircraft; an Air Combat Command bomb squadron of B-1 aircraft; and an air national guard fighter group of F-16 aircraft which will convert to B-1B aircraft.

The backlog of maintenance and repair of fuel facilities at this location is $775,000 through FY 05

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 00

3. Installation and Location:	4. Project Title
MCCONNELL AIR FORCE BASE, KANSAS	HYDRANT FUEL SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	121	DFSC9813	11,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	8,021
STORAGE TANKS	kL	3,180	375	(1,193)
PUMPHOUSE	LS	-	-	(1,970)
REFUELING OUTLETS	EA	14	347,000	(4,858)
SUPPORTING FACILITIES	-	-	-	2,370
MECHANICAL & ELECTRICAL UTILITIES	LS	-	-	(1,420)
SITE IMPROVEMENTS, PARKING, & ROADS	LS	-	-	(810)
OPERATIONS & MAINTENANCE SUPPORT INFORMATION	LS	-	-	(140)
ESTIMATED CONTRACT COST	-	-	-	10,391
SUPERVISION, INSPECTION, AND OVERHEAD (6%)	-	-	-	623
TOTAL REQUESTED	-	-	-	11,014
TOTAL REQUESTED (ROUNDED)	-	-	-	11,000

10. Description of Proposed Construction: Construct a 152 Liter-per-second (2,400 gallon-per-minute) pressurized hydrant fuel system with two 1,590-kiloliter (kL) (10,000-barrel) aboveground storage tanks, pumphouse, fuel hydrant pits, and truck fillstands. The project will also include all necessary supply/return piping, utilities, leak detection systems, valves, back-up power, security fence, lighting, and other support facilities. Provide operations and maintenance support information.

11 REQUIREMENT: 58 OL ADEQUATE: 22 OL SUBSTANDARD: 0 OL

PROJECT: Construct a pressurized hydrant fuel system. (C)

REQUIREMENT: There is a need to construct a hydrant fuel system for wide-bodied fuel-tanker aircraft supporting strategic plans plus support critical aircraft launch activities during a major regional conflict. This system will provide fuel hydrants at 14 parking positions that support KC-135 aircraft assigned to the base.

CURRENT SITUATION: All 58 wide-bodied aircraft assigned to McConnell are currently fueled by refueler trucks or a hydrant system of 22 outlets. Ten of these outlets are exclusively dedicated to the Air National Guard, leaving only 12 pits for the remaining 48 KC-135 aircraft. Aircraft must be towed into these parking positions to be refueled which is difficult in the icy winter weather in Kansas.

IMPACT IF NOT PROVIDED: If this project is not provided, the base will continue to be hampered by delays in refueling wide-bodied aircraft. Reliance on refueler trucks will increase sortie turnaround times and exhaust equipment and manpower. The base's ability to support high-priority operations plans and national command authority taskings will be jeopardized.

ADDITIONAL: The status quo is unacceptable for meeting high-priority operational commitments in support of major regional conflicts. Construction of a new hydrant fuel system is the only feasible alternative. This project meets all applicable DoD criteria

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 00

3. Installation and Location:	4. Project Title
MCCONNELL AIR FORCE BASE, KANSAS	HYDRANT FUEL SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	121	DFSC9813	11,000

12. Supplemental Data:

A. Estimated Design Data:

1. Status:
   - (a) Date Design Started.....01/96
   - (b) Parametric Cost Estimate Used to Develop Costs (Yes/No).....NO
   - (c) Percent Completed as of January 2000.....45
   - (d) Date 35 Percent Completed.....07/96
   - (e) Date Design Complete.....05/00
   - (f) Type of Design Contract.....Design/Bid/Build

2. Basis:
   - (a) Standard or Definitive Design:.....YES
   - (b) Date Design was Most Recently Used:.....07/96

3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)
   - (a) Production of Plans and Specifications.....510
   - (b) All Other Design Costs.....290
   - (c) Total.....800
   - (d) Contract.....660
   - (e) In-House.....140

4. Contract Award.....12/00
5. Construction Start.....01/01
6. Construction Completion.....09/02

B. Equipment associated with this project that will be provided from other appropriations:
None

Point of Contact is Thomas P. Barba at 703-767-3534

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		FEB 00

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
NAVAL AIR STATION PATUXENT RIVER, MD	DEFENSE LOGISTICS AGENCY	0.89

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			
Tenant of USN	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A.										

7. INVENTORY DATA ($000)

A. TOTAL AREA	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZATION NOT YET IN INVENTORY	0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	8,300
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE YEARS	0
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	8,300

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
124	DESCA101	Replace Operating Fuel Tanks	8,300	03/99	01/01

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
None		

10. MISSION OR MAJOR FUNCTION

The mission of Naval Air Station Patuxent River, MD is to maintain and operate facilities and provide services, materials, and housing to support Fleet aircraft, crews, and other units assigned.

The backlog of maintenance and repair for fuel facilities at this location is $6.5 million through FY 05.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 00

3. Installation and Location:	4. Project Title
NAVAL AIR STATION PATUXENT RIVER, MARYLAND	REPLACE OPERATING FUEL TANKS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	124	DESCA101	8,300

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY	-	-	-	6,246
FUEL STORAGE TANKS	kL	6,814	265	(1,806)
PILE FOUNDATION	LS	-	-	(275)
RECEIPT FILTRATION SYSTEM	LS	-	-	(600)
PUMPHOUSE	LS	-	-	(830)
TRUCK FILLSTAND/UNLOAD FACILITIES	LS	-	-	(1,535)
FUEL DISTRIBUTION PIPING	-	-	-	(1,200)
SUPPORTING FACILITIES	-	-	-	1,560
SITE PREPARATION AND IMPROVEMENTS	LS	-	-	(300)
SITE UTILITIES	LS	-	-	(650)
DEMOLITION	LS	-	-	(495)
OPERATIONS & MAINTENANCE SUPPORT INFORMATION	LS	-	-	(115)
ESTIMATED CONTRACT COST	-	-	-	7,806
SUPERVISION, INSPECTION, & OVERHEAD (SIOH) (6%)	-	-	-	468
TOTAL REQUEST	-	-	-	8,274
TOTAL REQUEST ROUNDED	-	-	-	8,300

Description of Proposed Construction: Construct two 3,407 kL (900,000-gallon) aboveground JP-5 storage tanks on pile foundations with cathodic protection, leak detection, secondary containment, and automatic high level shutoffs. This project also includes a receipt fuel filtration system, pumphouse, truck unloading station, fillstands, utilities, site improvements, and fuel transfer piping to an alert facility. Demolish three 2,271 kL (600,000-gallon) cut-and-cover storage tanks and associated underground pipelines. Provide operations and maintenance support information.

11 REQUIREMENT: 11,357 kL ADEQUATE: 4,543 kL SUBSTANDARD: 0 kL

PROJECT: Replace three non-compliant underground fuel storage tanks with two aboveground tanks of equal volume and associated fuel facilities. (C)

REQUIREMENT: There is a need to replace three underground storage tanks (UST), built in 1952, that no longer comply with the State of Maryland UST regulations. This project provides replacement aboveground tanks of equal volume to those being taken out of service. It also will consolidate jet fuel storage and support facilities at the main tank farm for improved operations and physical security. A consent order between the Department of the Navy and the state, signed in December 1998, requires the Navy to stop storing JP-5 jet fuel in these tanks after October 2000. As an interim solution after this deadline, the station will be forced to store JP-5 in a converted heating oil tank of smaller capacity until the proposed replacement tanks are built.

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 00

3. Installation and Location:	4. Project Title
NAVAL AIR STATION PATUXENT RIVER, MARYLAND	REPLACE OPERATING FUEL TANKS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	124	DESCA101	8,300

CURRENT SITUATION: The existing underground storage tanks and pipeline do not comply with the Code of Maryland Regulations (CMR) for underground fuel systems. They lack leak detection, cathodic (corrosion) protection, overfill prevention, and precision testing as required by the CMR. Retrofitting the existing 47-year-old system is infeasible. These tanks comprise 60 percent of the jet fuel storage capacity at NAS Patuxent.

IMPACT IF NOT PROVIDED: If this project is not provided, the station will be forced to operate with reduced on-hand stocks of JP-5 fuel. This shortage may jeopardize scheduled flight tests and reduce responsiveness to the mission requirements of fleet aircraft. NAS Patuxent will continue the long-term storage of jet fuel in a tank built to support the station's heating plant.

ADDITIONAL: There are no other facilities available in this area to store the amount of fuel required. This project meets all applicable DoD criteria.

12. Supplemental Data:

A. Estimated Design Data:

1. Status:
   - (a) Date Design Started.....03/99
   - (b) Parametric Cost Estimate Used to Develop Costs (Yes/No).....NO
   - (c) Percent Completed as of January 2000.....40
   - (d) Date 35 Percent Completed.....09/99
   - (e) Date Design Complete.....01/01
   - (f) Type of Design Contract.....Design/Bid/Build

2. Basis:
   - (a) Standard or Definitive Design:.....YES
   - (b) Date Design was Most Recently Used:.....09/98

3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)
   - (a) Production of Plans and Specifications.....420
   - (b) All Other Design Costs.....280
   - (c) Total.....700
   - (d) Contract.....540
   - (e) In-House.....160

4. Contract Award.....03/01
5. Construction Start.....04/01
6. Construction Completion.....04/03

B. Equipment associated with this project that will be provided from other appropriations:
None

Point of Contact is Thomas P. Barba at 703-767-3534

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		FEB 00

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
NAVAL AIR STATION FALLON, NEVADA	DEFENSE LOGISTICS AGENCY	1.16

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
Tenant of USN										

7. INVENTORY DATA ($000)

A. TOTAL AREA	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZATION NOT YET IN INVENTORY	0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	5,000
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE YEARS	0
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	5,000

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
124	DESC0105	Replace Operating Fuel Tanks	5,000	01/99	06/00

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
	None	

10. MISSION OR MAJOR FUNCTION

The mission of Naval Air Station Fallon is to maintain and operate facilities and provide services and material to support the Strike Warfare Training Center, Naval Fighter Weapons School ("Top Gun"), the Carrier Airborne Early Warning Weapons School ("Top Dome"), and training detachments for air-to-air and air-to-ground supersonic ranges, four bombing targets, and adversary aircraft.

The backlog of maintenance and repair for fuel facilities at this location is $2.3 million through FY 05.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component DEFENSE (DLA)	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date FEB 00

3. Installation and Location:	4. Project Title
NAVAL AIR STATION FALLON, NEVADA	REPLACE OPERATING FUEL TANKS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	124	DESC0105	5,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	3,625
FUEL STORAGE TANKS	kL	4,770	340	(1,622)
PUMPHOUSE	LS	-	-	(778)
FUEL DISTRIBUTION PIPING	LS	-	-	(435)
TRUCK UNLOAD FACILITY	LS	-	-	(790)
SUPPORTING FACILITIES	LS	-	-	1,102
SITE PREPARATION, IMPROVEMENTS, AND UTILITIES	LS	-	-	(379)
DEMOLITION	LS	-	-	(663)
OPERATIONS & MAINTENANCE SUPPORT INFORMATION	LS	-	-	(60)
ESTIMATED CONTRACT COST	-	-	-	4,727
SUPERVISION, INSPECTION, & OVERHEAD (SIOH) (6%)	-	-	-	284
TOTAL REQUEST	-	-	-	5,011
TOTAL REQUEST ROUNDED	-	-	-	5,000

Description of Proposed Construction: Construct one 4,770-kiloliter (kL) (30,000-barrel) aboveground storage tank (AST) for JP-8 jet fuel, a pumphouse, and unloading stations. The project will also include secondary containment dikes, prefilter station, leak detection, cathodic protection, receipt and distribution pipelines, and all associated equipment. Provide automatic shutoff valves and controls on two other ASTs. Demolish three existing underground tanks, totaling 5,272-kL (33,157-barrel) capacity. Provide operations and maintenance support information.

11 REQUIREMENT: 12,000 kL ADEQUATE: 7,230 kL SUBSTANDARD: 0 kL

PROJECT: Replace three underground fuel storage tanks with one aboveground tank and associated fuel facilities. (C)

REQUIREMENT: There is a need to replace the station's aging and deteriorated underground fuel storage tanks (UST), built in the mid-1950s and located within an area of soil and groundwater contamination. A new aboveground tank of lesser total volume than the three USTs it replaces will provide safe and environmentally acceptable storage for jet fuel to support the station's extensive flight training programs. Other mechanical and electrical improvements in this project will modernize and integrate the overall fuel receipt and delivery systems at this fuel facility.

CURRENT SITUATION: Because of suspected leakage, the existing underground storage tanks were recently taken out of service to undergo industry-standard testing for continued serviceability. Based on the test results, the state of Nevada must approve their return to service. These 45-year-old tanks lack overfill prevention and leak detection systems. Moreover, they are immersed within a saltwater aquifer that has untold corrosive effect on the external tank shell. Under these conditions, internal tank repairs and recoatings would provide only a short-term solution to the corrosion problem. Long term use of these tanks is economically and environmentally infeasible. With 42 percent of the available storage capacity off line, NAS Fallon has had to receive fuel from a commercial pipeline on almost an around-the-clock schedule to maintain adequate fuel levels. In addition, with the USTs out of service, the station has

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 00

3. Installation and Location:	4. Project Title
NAVAL AIR STATION FALLON, NEVADA	REPLACE OPERATING FUEL TANKS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	124	DESC0105	5,000

lost its capability to receive fuel by truck since the unloading facility is connected only to the underground tanks.

IMPACT IF NOT PROVIDED: If this project is not provided, this fuel facility will have to continue to support the Navy's premier air warfare training programs under adverse conditions that will severely strain an already overworked and aging fuel system. Moreover, it must depend exclusively on the uninterrupted delivery of fuel by commercial pipeline to prevent mission degradation or failure.

ADDITIONAL: This project meets all applicable DoD criteria.

12. Supplemental Data:

A. Estimated Design Data:

1. Status:
   - (a) Date Design Started.....01/99
   - (b) Parametric Cost Estimate Used to Develop Costs (Yes/No).....NO
   - (c) Percent Completed as of January 2000.....45
   - (d) Date 35 Percent Completed.....07/99
   - (e) Date Design Complete.....06/00
   - (f) Type of Design Contract.....Design/Bid/Build

2. Basis:
   - (a) Standard or Definitive Design:.....YES
   - (b) Date Design was Most Recently Used:.....07/98

3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)
   - (a) Production of Plans and Specifications.....120
   - (b) All Other Design Costs..... 80
   - (c) Total.....200
   - (d) Contract.....160
   - (e) In-House.....40

4. Contract Award.....11/00
5. Construction Start.....12/00
6. Construction Completion.....06/02

B. Equipment associated with this project that will be provided from other appropriations:
None

Point of Contact is Thomas P. Barba at 703-767-3534

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		FEB 00

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
MARINE CORPS AIR STATION CHERRY POINT, NORTH CAROLINA	DEFENSE LOGISTICS AGENCY	0.94

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
Tenant of USMC	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL

INVENTORY DATA ($000)

A. TOTAL AREA	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZATION NOT YET IN INVENTORY	0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	5,700
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE YEARS	0
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	5,700

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
411	DESCA124	Replace Fuel Storage Tanks	5,700	10/99	08/00

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
	None	

10. MISSION OR MAJOR FUNCTION

The mission of Marine Corps Air Station Cherry Point, North Carolina, is to maintain and operate facilities and provide services, materials, and housing to support fleet aircraft, crews, and other units assigned.

The backlog of maintenance and repair for fuel facilities at this location is $7.8 million through FY 05.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 00

3. Installation and Location:	4. Project Title
MARINE CORPS AIR STATION CHERRY POINT, NORTH CAROLINA	REPLACE FUEL STORAGE TANKS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	411	DESCA124	5,700

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	3,926
FUEL STORAGE TANKS	kL	4,770	320	(1,526)
PILE FOUNDATION	LS	-	-	(300)
PUMPHOUSE	LS	-	-	(900)
RAIL UNLOAD FACILITIES	LS	-	-	(300)
FUEL DISTRIBUTION PIPING	LS	-	-	(900)
SUPPORTING FACILITIES	-	-	-	1,465
SITE PREPARATION AND IMPROVEMENTS	LS	-	-	(440)
SITE UTILITIES	LS	-	-	(500)
DEMOLITION	LS	-	-	(450)
OPERATIONS & MAINTENANCE SUPPORT INFORMATION	LS	-	-	(75)
ESTIMATED CONTRACT COST	-	-	-	5,391
SUPERVISION, INSPECTION, & OVERHEAD (SIOH) (6%)	-	-	-	323
TOTAL REQUEST	-	-	-	5,714
TOTAL REQUEST ROUNDED	-	-	-	5,700

10 Description of Proposed Construction: Construct aboveground jet-fuel (JP-5) storage tanks, totaling 4,770 kiloliters (kL) (30,000 barrels) on pile foundations with cathodic protection, leak detection, secondary containment, and automatic high-level shutoffs. This project also includes a transfer pumphouse, upgrades to the rail unloading station, utilities, site improvements, and fuel piping. Decommission/close seven cut-and-cover storage tanks with a capacity of 12,576 kL (79,095 barrels) and demolish associated pumphouse and underground pipelines. Provide operations and maintenance support information.

11 REQUIREMENT: 9,540 kL ADEQUATE: 4,770 kL SUBSTANDARD: 12,576 kL

PROJECT: Replace seven non-compliant underground fuel storage tanks with aboveground tanks of lesser volume and associated fuel facilities. (C)

REQUIREMENT: There is a need to replace seven underground storage tanks (UST), built between 1942 and 1952, that no longer comply with federal and state UST regulations. Three tanks have already been taken out of service as a result of two Notices of Violation issued by the state. This project provides replacement aboveground tanks, sized to meet current fuel storage requirements. It also upgrades a railcar unloading facility and provides a new pumphouse to support the new tanks.

CURRENT SITUATION: The existing underground storage tanks do not comply with North Carolina Administrative Code for underground fuel systems. The station has been cited twice in the 1990s for contaminating the soil and

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 00

3. Installation and Location:	4. Project Title
MARINE CORPS AIR STATION CHERRY POINT, NORTH CAROLINA	REPLACE FUEL STORAGE TANKS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	411	DESCA124	5,700

groundwater under this fuel facility due to leaking tanks or fuel spills. An extensive environmental remediation effort is underway now to clean this site. However, four of the tanks, the source of this contamination, remain in service after liners were installed. Retrofitting these 50-year-old tanks has proven to be an uneconomical, short-term response for the continued use of this facility. Construction of new aboveground tanks is the only feasible long-term solution.

IMPACT IF NOT PROVIDED: If this project is not provided, MCAS Cherry Point must continue to use deteriorated underground tanks to meet is fuel storage requirement. The station risks the potential for further tank leaks, citations for non-compliance of environmental law, and expensive remediation efforts. If the state forces the closure of these tanks, the station will have available only 50 percent of the storage capacity needed to sustain operations.

ADDITIONAL: This project meets all applicable DoD criteria.

12. Supplemental Data:

A. Estimated Design Data:

1. Status:
   - (a) Date Design Started.....10/99
   - (b) Parametric Cost Estimate Used to Develop Costs (Yes/No).....NO
   - (c) Percent Completed as of January 2000.....35
   - (d) Date 35 Percent Completed.....01/00
   - (e) Date Design Complete.....08/00
   - (f) Type of Design Contract.....Design/Bid/Build

2. Basis:
   - (a) Standard or Definitive Design:.....YES
   - (b) Date Design was Most Recently Used:.....09/98

3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)
   - (a) Production of Plans and Specifications.....270
   - (b) All Other Design Costs.....180
   - (c) Total.....450
   - (d) Contract.....360
   - (e) In-House.....90

4. Contract Award.....01/01
5. Construction Start.....02/01
6. Construction Completion.....05/02

B. Equipment associated with this project that will be provided from other appropriations:
None

Point of Contact is Thomas P. Barba at 703-767-3534

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		FEB 00

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
DDSP NEW CUMBERLAND, PENNSYLVANIA	DEFENSE LOGISTICS AGENCY	0.94

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. As of SEPT 99	14	11	1653	0	0	0	201	0	663	2542
B. End of FY 2006	12	10	1600	0	0	0	190	0	600	2412

7. INVENTORY DATA ($000)

A. TOTAL AREA. (ACRES)	848
B. INVENTORY TOTAL AS OF SEPT 1999	3,633,711
C. AUTHORIZATION NOT YET IN INVENTORY	20,500
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	17,700
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	22,500
F. PLANNED IN NEXT THREE YEARS	43,500
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	3,737,911

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
441	DDSP0101	Replace Controlled Humidity Warehouse	13,000	02/99	02/01
740	DDSP0102	Replace Child Development Center	4,700	10/98	10/00

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
441	Special Purpose Warehouse (FY 02)	22,500
411	Replace General Purpose Warehouse (FY 03)	27,100
821	Replace Central Heat Plant Boilers (FY 04)	4,000
219	Consolidate Maintenance Facility (FY 04)	12,400

10. MISSION OR MAJOR FUNCTION

Defense Distribution Depot Susquehanna (DDSP) is responsible for receiving, storing, issuing, and shipping Department of Defense owned commodities to all branches of the Armed Forces as well as supporting other Federal agencies. Among the commodities are medical materiel, clothing and textiles, subsistence, and industrial, construction, and electronic parts required for maintenance support of Armed Forces equipment. DDSP is the home of the Eastern Distribution Center, a 148,600 square meter (1.6 million square feet) automated materiel processing center that services CONUS and overseas customers.

The backlog of maintenance and repair at this location is $ 66.4 million for projects through FY 05.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 00

3. Installation and Location:	4. Project Title
DEFENSE DISTRIBUTION DEPOT SUSQUEHANNA (DDSP), NEW CUMBERLAND, PENNSYLVANIA	REPLACE CHILD DEVELOPMENT CENTER

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	740	DDSP0102	4,700

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY	-	-	-	3,306
CHILD DEVELOPMENT CENTER.....(19,741 SF)	m^2	1,834	1,465	(2,686)
PLAYGROUND W/EQUIPMENT& STORAGE SHEDS	LS	-	-	(370)
TELECOMMUNICATIONS/RELOCATION	LS	-	-	(250)
SUPPORTING FACILITIES	-	-	-	1,120
SITE PREPARATION	LS	-	-	(100)
SITE UTILITIES	LS	-	-	(200)
DEMOLITION/SITE IMPROVEMENTS	LS	-	-	(745)
OPERATIONS & MAINTENANCE SUPPORT INFORMATION	LS	-	-	(75)
ESTIMATED CONTRACT COST	-	-	-	4,426
SUPERVISION, INSPECTION, & OVERHEAD (SIOH) (6%)	-	-	-	266
TOTAL REQUEST	-	-	-	4,692
TOTAL REQUEST ROUNDED	-	-	-	4,700
EQUIPMENT FUNDED FROM OTHER APPROPRIATIONS (NON-ADD)	-	-	-	(430)

10. Description of Proposed Construction: Construct a one-story, standard-design child and youth development center and associated outdoor play area and equipment for 244 children. The supporting facilities include electrical, water, sewers, gas, fire protection, communications, access roads, fencing, and paving. Demolish a WWII wooden building (926 m^2/9,970 SF) in the footprint of the new construction and relocate occupants to other facilities. Access for the handicapped will be provided. Provide operations and maintenance support information.

11 REQUIREMENT: 1,834 m^2 ADEQUATE: 0 m^2 SUBSTANDARD: 0 m^2

PROJECT: Provides a child and youth development center to replace existing inadequate facilties. (C)

REQUIREMENT: There is a need to provide quality child development services for the approximately 2500 employees of the Defense Distribution Center (DDC), Defense Distribution Depot Susquehanna Pennsylvania (DDSP), and other tenant activities. This project replaces existing facilities that are too small and do not meet all of the safety requirements of the Child Development Center (CDC), School Age Center, and Youth Development Center programs.

CURRENT SITUATION: Currently, child and youth development facilities are located in two separate buildings—one a converted World War II jail and the other a religious education facility. Neither of the existing facilities complies with fire, safety, or facilities standards for DoD CDCs. The capacity of these facilities is insufficient to meet the combined needs of DDC, DDSP, and other tenants so alteration of the existing facilities to meet standards is infeasible.

In addition, the multiple locations force the management staff to split their time between the two sites, which is costly and inefficient.

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 00

3. Installation and Location:	4. Project Title
DEFENSE DISTRIBUTION DEPOT SUSQUEHANNA (DDSP), NEW CUMBERLAND, PENNSYLVANIA	REPLACE CHILD DEVELOPMENT CENTER

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	740	DDSP0102	4,700

IMPACT IF NOT PROVIDED: If this project is not provided, the installation will continue to risk using substandard child development and youth facilities that do not comply with DoD criteria. In addition, the demand for child care will continue to exceed availability, which will force employees to seek alternate services in a locale that has a severe shortage of affordable child care. This situation could adversely affect job productivity, retention, and morale of the work force.

12. ADDITIONAL: This project meets all applicable DoD criteria.

12. Supplemental Data:

A. Estimated Design Data:

1. Status:
   - (a) Date Design Started..... 10/98
   - (b) Parametric Cost Estimate Used to Develop Costs (Yes/No).....NO
   - (c) Percent Completed as of January 2000.....45
   - (d) Date 35 Percent Completed.....07/99
   - (e) Date Design Complete.....10/00
   - (f) Type of Design Contract.....Design/Bid/Build

2. Basis:
   - (a) Standard or Definitive Design:.....YES
   - (b) Date Design was Most Recently Used:.....09/98

3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)
   - (a) Production of Plans and Specifications.....270
   - (b) All Other Design Costs.....180
   - (c) Total..... 450
   - (d) Contract.....390
   - (e) In-House.....60

4. Contract Award.....02/01
5. Construction Start.....03/01
6. Construction Completion.....09/02

B. Equipment associated with this project that will be provided from other appropriations:

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT($000)
Furnishings/Systems Furniture	DWCF	2002	280
Telecommunications/LAN/ & Intrusion Detection System	DWCF	2001	150
		Total:	430

Point of Contact is Thomas P. Barba at 703-767-3534

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE : (DLA)		FEB 00

3. Installation and Location:	4. Project Title
DEFENSE DISTRIBUTION DEPOT SUSQUEHANNA, (DDSP) NEW CUMBERLAND, PENNSYLVANIA	REPLACE CONTROLLED HUMIDITY WAREHOUSE

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	441	DDSP0101	13,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY	-	-	-	9,096
CONTROLLED HUMIDITY WAREHOUSE.....(206,130 SF)	m^2	19,150	475	(9,096)
SUPPORTING FACILITIES	-	-	-	3,149
SITE UTILITIES / IMPROVEMENTS	LS	-	-	(2,069)
DEMOLITION	LS	-	-	(1,050)
OPERATIONS & MAINTENANCE SUPPORT INFORMATION	LS	-	-	(30)
ESTIMATED CONTRACT COST	-	-	-	12,245
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6%)	-	-	-	735
TOTAL REQUEST	-	-	-	12,980
TOTAL REQUEST (ROUNDED)	-	-	-	13,000
EQUIPMENT FUNDED FROM OTHER APPROPRIATIONS (NON-ADD)	-	-	-	(3,950)

10. Description of Proposed Construction: Construct a permanent, non-combustible, controlled humidity warehouse with concrete floors at grade and 6.1 meter (20 feet) clear stacking height for storage of parachutes and other air delivery materials that must be stored in a controlled environment. Provide operational space for textile fabrication and parachute inspection functions. An annex will provide a 214 m^2 (2,300 SF) maintenance shop for repairs to sewing machines and other equipment and a 356 m^2 (3,830 SF) administrative area with restrooms, locker rooms, and lunchroom. Demolish a wooden World War I warehouse and nine deteriorated metal sheds, totaling 30,286 m^2 (326,000 SF). Access for the handicapped will be provided in the administrative area. Provide operations and maintenance support information.

11 REQUIREMENT: 334,843 m^2 ADEQUATE: 201,238 m^2 SUBSTANDARD: 0 m^2

PROJECT: Construct a controlled humidity warehouse to replace a World War I warehouse currently in us. (C)

REQUIREMENT: There is a need to provide humidity controlled storage for parachutes and other air delivery materials now being stored in a World War I warehouse and other separate facilities on the depot. The proposed facility will consolidate the storage of this material and provide adequate operational space for related textile fabrication, parachute inspection and packing, and sewing equipment maintenance in support of the depot's Air Delivery mission. Relocation of this function will allow the demolition of inefficient, deteriorated, and costly structures in support of DLA's goals to vacate World War I wooden warehouses and reduce facilities infrastructure. There are no existing facilities on the depot that can be converted to meet this requirement.

CURRENT SITUATION: Parachutes are currently stored in an inefficient World War I warehouse retrofitted for humidity control and in other uncontrolled storage locations. In addition, textile fabrication, parachute packing, and other air delivery functions are scattered among various locations resulting in costly and inefficient operations.

IMPACT IF NOT PROVIDED: If this project is not provided, DDSP will be required to store high-value, humidity-sensitive items in a less than adequate environment. The cost to maintain aging, worn out facilities will continue to increase. Moreover, the depot will be unable to implement its plan to eliminate World War I warehouses and achieve facilities reduction goals.

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 00

3. Installation and Location:	4. Project Title
DEFENSE DISTRIBUTION DEPOT SUSQUEHANNA, (DDSP) NEW CUMBERLAND, PENNSYLVANIA	REPLACE CONTROLLED HUMIDITY WAREHOUSE

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	441	DDSP0101	13,000

ADDITIONAL: This project meets all applicable DoD criteria.

12. Supplemental Data:

A. Estimated Design Data:

I. Status:

(a) Date Design Started.....02/99
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No)....YES
(c) Percent Completed as of January 2000.....35
(d) Date 35 Percent Completed.....07/99
(e) Date Design Complete.....02/01
(f) Type of Design Contract.....Design/Bid/Build

2. Basis:

(a) Standard or Definitive Design:.....NO
(b) Date Design was Most Recently Used:.....NA
(c)

3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)

(a) Production of Plans and Specifications.....680
(b) All Other Design Costs.....450
(c) Total.....1,130
(d) Contract..... 900
(e) In-House..... 230

4. Contract Award.....05/01
5. Construction Start.....06/01
6. Construction Completion.....06/03

B. Equipment associated with this project that will be provided from other appropriations:

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT($000)
Pallet and Cantilever Racks	DWCF	2002	3,542
Material Handling Equipment	DWCF	2002	283
Systems Furniture and Furnishiings	DWCF	2002	125
	Total:		3,950

Point of Contact is Thomas P. Barba at 703-767-3534

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		FEB 00

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
DEFENSE SUPPLY CENTER RICHMOND (DSCR), VIRGINIA	DEFENSE LOGISTICS AGENCY	0.92

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. SEPT 30, 1999	36	8	2335	0	0	2	19	1	716	3117
B. End of FY 2006	36	6	1911	0	0	2	19	1	716	2691

7. INVENTORY DATA ($000)

A. TOTAL AREA IN ACRES:	611
B. INVENTORY TOTAL AS OF SEPT 1999	536,849
C. AUTHORIZATION NOT YET IN INVENTORY	12,600
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	4,500
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE YEARS	3,700
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	557,649

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
730	DSCR0101	Emergency Services Facility	4,500	02/99	06/00

FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
610	Renovate Building #34 (FY 03)	3,700

10. MISSION OR MAJOR FUNCTION

The Defense Supply Center Richmond (DSCR) organizes, directs, and accomplishes the management of supplies in assigned Federal groups and provides supply support of decentralized and non-cataloged items to the U.S. and European areas. DSCR also supports tenant activities on the installation, including the DLA Defense Distribution Depot Richmond (DDRV).

The backlog of maintenance and repair at this location is $10.2 million for projects through FY 05.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component DEFENSE (DLA)	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date FEB 00

3. Installation and Location:	4. Project Title
DEFENSE SUPPLY CENTER RICHMOND, VIRGINIA	EMERGENCY SERVICES FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	730	DSCR0101	4,500

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY	-	-	-	2,890
EMERGENCY SERVICES FACILITY.....(25,295 square feet) (SF)	m^2	2,350	1,230	(2,890)
SUPPORTING FACILITIES	-	-	-	1,341
SITE PREPARATION AND IMPROVEMENTS	LS	-	-	(427)
SITE UTILITIES	LS	-	-	(275)
DEMOLITION	LS	-	-	(295)
OPERATIONS & MAINTENANCE SUPPORT INFORMATION	LS	-	-	(44)
TELECOMMUNICATIONS	LS	-	-	(300)
ESTIMATED CONTRACT COST	-	-	-	4,231
SUPERVISION, INSPECTION, & OVERHEAD (SIOH) (6%)	-	-	-	254
TOTAL REQUEST	-	-	-	4,485
TOTAL REQUEST ROUNDED	-	-	-	4,500
EQUIPMENT FUNDED FROM OTHER APPROPRIATIONS (NON-ADD)	-	-	-	(800)

10. Description of Proposed Construction: Construct a consolidated fire, police, and health-and-safety facility with a medical and dental clinic to provide operations and administrative space for these functions. Landscaping, vehicle parking, utility connections, communications lines, and a transmitter building will be provided. Demolish vacated inadequate buildings, totaling 2,617 m^2 (28,170 SF), as part of this project. Accessibility for the handicapped will be provided. Provide operations and maintenance support information.

11 REQUIREMENT: 2,350 m^2 ADEQUATE: 0 m^2 SUBSTANDARD: 0 m^2

PROJECT: Construct an emergency services facility to consolidated activities of fire, police, security, medical, dental, and health-and-safety offices. (C)

REQUIREMENT: There is a need to provide a replacement facility for the installation's Public Safety Division. In particular, a new fire station is required since the existing station does not meet DoD standards nor does it accommodate new fire department equipment. Collocation of fire, safety, police, and medical personnel will improve emergency response actions and provide the minimum training, operational, and administrative space necessary for efficient operations. This space is not available in existing facilities.

CURRENT SITUATION: The installation's emergency services activities are currently located in four scattered locations. This separation makes emergency response to life-threatening events difficult to coordinate and manage. This is particularly important at this installation since it hosts the Agency's centralized hazardous material storage depot. The existing medical clinic lacks a chemical decontamination room to treat employees involved in a hazardous chemical accident. In addition, the clinics are located in a WWII building that is not centrally located to the majority of its customers. The proposed emergency services facility will be located adjacent to the depot. The fire department is currently housed in temporary office trailers and metal sheds because the 40-year-old fire station is too small to fit new fire and emergency vehicles. The police and security offices are in cramped administrative space that cannot provide

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 00

3. Installation and Location:	4. Project Title
DEFENSE SUPPLY CENTER RICHMOND, VIRGINIA	EMERGENCY SERVICES FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	730	DSCR0101	4,500

the security for National Crime Information Center computers or accommodate simulated live-fire and other police training equipment.

IMPACT IF NOT PROVIDED: If this project is not provided, the installation's fire, police, and safety departments will continue to operate in outdated and inadequate facilities that will reduce their efficiency and responsiveness to emergency situations. The medical clinic will continue to operate without a chemical decontamination room at a high hazard location.

12. Supplemental Data:

A. Estimated Design Data:

1. Status:
   - (a) Date Design Started.....02/99
   - (b) Parametric Cost Estimate Used to Develop Costs (Yes/No).....NO
   - (c) Percent Complete as of January 2000.....35
   - (d) Date 35 Percent Completed.....09/99
   - (e) Date Design Complete.....06/00
   - (f) Type of Design Contract.....Design/Bid/Build

2. Basis:
   - (a) Standard or Definitive Design.....YES
   - (b) Date Design Was Most Recently Used.....07/97

3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)
   - (a) Production of Plans and Specifications.....240
   - (b) All Other Design Costs.....160
   - (c) Total.....400
   - (d) Contract.....320
   - (e) In-House.....80

4. Contract Award.....01/01
5. Construction Start.....02/01
6. Construction Completion.....08/02

B. Equipment associated with this project that will be provided from other appropriations:

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
Systems Furniture/Furnishings	DWCF	2002	800

Point of Contact is Thomas P. Barba at (703) 767-3534

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		FEB 00

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
NAVAL AIR STATION OCEANA, VA	DEFENSE LOGISTICS AGENCY	0.92

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
Tenant of USN										

7. INVENTORY DATA ($000)

A. TOTAL AREA	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZATION NOT YET IN INVENTORY	0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	2,000
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE YEARS	0
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	2,000

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
411	DESCA102	Replace Fuel Storage Tank	2,000	07/99	05/00

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
	None	

10. MISSION OR MAJOR FUNCTION

The mission of Naval Air Station Oceana, VA, is to maintain and operate facilities and provide services, materials, and housing to support fleet aircraft, crews and other assigned units.

The backlog of maintenance and repair for fuel facilities at this location is $8.4 million through FY 05.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 00

3. Installation and Location:	4. Project Title
NAVAL AIR STATION OCEANA, VIRGINIA	REPLACE FUEL STORAGE TANK

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	411	DESCA102	2,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY	-	-	-	1,338
FUEL STORAGE TANK	kL	3,180	276	(878)
PILE FOUNDATION	LS	-	-	(300)
FUEL DISTRIBUTION PIPING	LS	-	-	(160)
SUPPORTING FACILITIES	-	-	-	540
SITE PREPARATION AND IMPROVEMENTS	LS	-	-	(240)
SITE UTILITIES	LS	-	-	(70)
DEMOLITION	LS	-	-	(200)
OPERATIONS & MAINTENANCE SUPPORT INFORMATION	LS	-	-	(30)
ESTIMATED CONTRACT COST	-	-	-	1,878
SUPERVISION, INSPECTION, & OVERHEAD (SIOH) (6%)	-	-	-	113
TOTAL REQUEST	-	-	-	1,991
TOTAL REQUEST ROUNDED	-	-	-	2,000

Description of Proposed Construction: Construct a 3,180-kL (20,000-barrel) aboveground jet-fuel storage tank. Work will include pile foundation, impervious dike, leak detection, controls, alarms, piping, cathodic protection, fire protection, recirculating pump and filter separator, and access road. Demolish an existing 1,590-kL (10,000-barrel) tank and all associated piping and containment berms. Provide operations and maintenance support information.

11 REQUIREMENT: 9,540 kL ADEQUATE: 6,360 kL SUBSTANDARD: 0 kL

PROJECT: Replace a failed jet-fuel storage tank with a new tank sized to meet current fuel requirements. (C)

REQUIREMENT: There is a need to replace an existing 10,000 barrel storage tank, built in the mid-1950s, that is seriously deteriorated, has settled dangerously out of plumb, and has failed industry tests for continued service as a fuel storage tank. Even with this tank, NAS Oceana already had insufficient fuel storage capacity to meet planned mission requirements. The loss of this tank exacerbates this situation. A new, larger tank is needed to meet an on-hand 10-day fuel storage requirement and to reduce potential disruption of operations due to high consumption rates or commercial fuel delivery constraints.

CURRENT SITUATION: Following its failure of a standard industry serviceability test in May 1999, the existing 45-year-old tank was removed from service to comply with the state of Virginia's regulations for aboveground storage tanks. The report concluded that stresses on the shell plates, due to the tank's settlement in soft foundation soils, could cause catastrophic tank rupture. The tank has sunk 12-16 inches into the ground already. The loss of this tank will impair the station's ability to meet fueling requirements of the more than 200 F-14 aircraft at the base and 156 F/A-18s to be stationed there by FY 2000 upon the closure of Cecil Field, FL.

IMPACT IF NOT PROVIDED: If this project is not provided, the lack of jet fuel storage will jeopardize NAS Oceana's ability to conduct sustained flight operations. The increased fuel demand of additional assigned aircraft,

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 00

3. Installation and Location:	4. Project Title
NAVAL AIR STATION OCEANA, VIRGINIA	REPLACE FUEL STORAGE TANK

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	411	DESCA102	2,000

coupled with the lack of storage, will raise the potential for running out of fuel or issuing fuel that has not had sufficient storage time to settle out contaminants.

ADDITIONAL: Construction of a new fuel storage tank on the installation is the only feasible alternative. This project meets all applicable DoD criteria.

12. Supplemental Data:

A. Estimated Design Data:

1. Status:
   - (a) Date Design Started.....07/99
   - (b) Parametric Cost Estimate Used to Develop Costs (Yes/No).....NO
   - (c) Percent Completed as of January 2000.....35
   - (d) Date 35 Percent Completed.....09/99
   - (e) Date Design Complete.....05/00
   - (f) Type of Design Contract.....Design/Bid/Build

2. Basis:
   - (a) Standard or Definitive Design:.....YES
   - (b) Date Design was Most Recently Used:.....09/98

3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)
   - (a) Production of Plans and Specifications.....70
   - (b) All Other Design Costs.....50
   - (c) Total.....120
   - (d) Contract.....100
   - (e) In-House.....20

4. Contract Award.....11/00
5. Construction Start.....12/00
6. Construction Completion.....12/01

B. Equipment associated with this project that will be provided from other appropriations:
None

Point of Contact is Thomas P. Barba at 703-767-3534

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		FEB 00
3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
ANDERSEN AFB, GUAM	DEFENSE LOGISTICS AGENCY	1.99

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
Tenant of USAF	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL

7. INVENTORY DATA ($000)

A. TOTAL AREA	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZATION NOT YET IN INVENTORY	40,300
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	36,000
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	23,513
F. PLANNED IN NEXT THREE YEARS	22,800
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	122,613

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
121	DESC0101	Replace Hydrant Fuel System	20,000	05/99	05/00
411	DESCA120	Replace Fuel Storage Tanks	16,000	10/99	08/00

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
121	Replace Hydrant Fuel System (FY 02)	23,513
121	Replace Hydrant Fuel System (FY 04)	22,800

10. MISSION OR MAJOR FUNCTION

These fuel facilities provide essential storage and distribution systems to support the missions of assigned units of Andersen Air Force Base and other contingency operations plans.

The backlog of maintenance and repair of fuel facilities at this location is $ 16.7 million through FY 05.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 00

3. Installation and Location:	4. Project Title
ANDERSEN AIR FORCE BASE, GUAM	REPLACE FUEL STORAGE TANKS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	411	DESCA120	16,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	12,483
FUEL STORAGE TANKS	kL	31,800	299	(9,508)
PUMPHOUSE	LS	-	-	(2,475)
FUEL DISTRIBUTION PIPING	LS	-	-	(500)
SUPPORTING FACILITIES	-	-	-	2,523
SITE PREPARATION AND IMPROVEMENTS	LS	-	-	(1,883)
SITE UTILITIES	LS	-	-	(390)
OPERATIONS & MAINTENANCE SUPPORT INFORMATION	LS	-	-	(250)
ESTIMATED CONTRACT COST	-	-	-	15,006
SUPERVISION, INSPECTION, & OVERHEAD (SIOH) (6.5%)	-	-	-	975
TOTAL REQUEST	-	-	-	15,981
TOTAL REQUEST ROUNDED	-	-	-	16,000

10. Description of Proposed Construction: Construct two 15,900-kiloliter (kL) (100,000-barrel) above ground jet fuel (JP-8) storage tanks. Work will include leak detection, cathodic protection, fire protection, transfer pumps, filter separators, emergency power generator, fencing, lighting, and modification to distribution piping. Provide operations and maintenance support information.

11 REQUIREMENT: 255,394 kiloliters (kL) ADEQUATE: 223,594 kL SUBSTANDARD: 0 kL

PROJECT: Construct two 15,900-kL aboveground jet fuel (JP-8) bulk storage tanks. (C)

REQUIREMENT: There is a need to provide additional jet fuel storage capacity at Andersen AFB to support strategic en route refueling operations, strategic airlift, and force projection in the Pacific. This system replaces bulk tanks previously taken out of service and demolished due to serious structural integrity concerns.

CURRENT SITUATION: The existing bulk fuel storage capacity at Andersen is insufficient to support contingency operations. Current bulk storage tanks are resupplied by tanker ships. During a contingency, existing amounts of stored jet fuel are expected to be depleted before resupply shipments are received. The old bulk tanks previously providing this storage capacity have been demolished.

IMPACT IF NOT PROVIDED: If this project is not provided, inadequate on-site jet fuel storage will seriously jeopardize force projection and strategic airlift in the Pacific.

ADDITIONAL: Since the existing bulk tanks have been demolished, construction of the proposed tanks is the only feasible alternative to accomplish the en route mission. This project meets all applicable DoD criteria.

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 00

3. Installation and Location:	4. Project Title
ANDERSEN AIR FORCE BASE, GUAM	REPLACE FUEL STORAGE TANKS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	411	DESCA120	16,000

12. Supplemental Data:

A. Estimated Design Data:

1. Status:
   - (a) Date Design Started.....10/99
   - (b) Parametric Cost Estimate Used to Develop Costs (Yes/No).....NO
   - (c) Percent Completed as of January 2000.....35
   - (d) Date 35 Percent Completed.....01/00
   - (e) Date Design Complete.....08/00
   - (f) Type of Design Contract.....Design/Bid/Build

2. Basis:
   - (a) Standard or Definitive Design:.....YES
   - (b) Date Design was Most Recently Used:.....09/98

3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)

   - (a) Production of Plans and Specifications.....650
   - (b) All Other Design Costs.....550
   - (c) Total.....1200
   - (d) Contract.....950
   - (e) In-House.....250

4. Contract Award.....03/01
5. Construction Start.....04/01
6. Construction Completion.....12/02

B. Equipment associated with this project that will be provided from other appropriations:
None

Point of Contact is Thomas P. Barba at 703-767-3534

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 00

3. Installation and Location:	4. Project Title
ANDERSEN AIR FORCE BASE, GUAM	REPLACE HYDRANT FUEL SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	121	DESC0101	20,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY	-	-	-	17,370
REFUELING OUTLETS	OL	19	630,000	(11,790)
OPERATING TANKS	kL	3,180	682	(2,169)
PUMPHOUSE	LS	-	-	(3,071)
TRUCK FILLSTAND	LS	-	-	(340)
SUPPORTING FACILITIES	-	-	-	1,455
SITE PREPARATION AND IMPROVEMENTS	LS	-	-	(480)
MECHANICAL & ELECTRICAL UTILITIES	LS	-	-	(250)
DEMOLITION	LS	-	-	(400)
OPERATIONS & MAINTENANCE SUPPORT INFORMATION	LS	-	-	(325)
ESTIMATED CONTRACT COST	-	-	-	18,825
SUPERVISION, INSPECTION, & OVERHEAD (SIOH) (6.5%)	-	-	-	1,224
TOTAL REQUEST	-	-	-	20,049
TOTAL REQUEST ROUNDED	-	-	-	20,000

10. Description of Proposed Construction: Provide one 152 liter-per-second (2400 gallons-per-minute) pumphouse, 19 hydrant fuel outlets, two 1,590-kiloliter (kL)(10,000-barrel) tanks, truck fillstand, and hydrant hose checkout stand. Connect operating tanks to the existing issue line from bulk storage tanks. Includes cathodic protection, fire detection, and emergency generator. Remove ten 50,000-gallon and two 1,500-gallon underground tanks, buried fuel piping, 10 hydrant outlets, and 2 pumphouses. Provide operations and maintenance support information.

11 REQUIREMENT: 67 Outlets (OL) ADEQUATE: 20 OL SUBSTANDARD: 0 OL

PROJECT: Replace a deteriorated hydrant fueling system with a Type III pressurized hydrant fuel system. (C)

REQUIREMENT: There is a need to provide a functioning hydrant fuel system for wide-bodied aircraft supporting strategic en route mobility requirements in the Pacific. This system will replace a 35-year-old hydrant system that is failing and cannot support peacetime missions or en route mobility requirements in contingency or wartime operations. This project is the second hydrant system of four to meet a total requirement of 67 hydrant outlets.

CURRENT SITUATION: The existing 35-year-old hydrant system is failing and requires constant repairs due to its condition and the highly corrosive environment in which it operates. Because of the system's age, repair parts are no longer commercially available and must be salvaged from other similar systems or individually fabricated. One pumphouse has failed and is being used to supply parts to the other pumphouse. The underground piping system lacks cathodic (corrosion) protection. Underground electrical and mechanical controls frequently fail due to water infiltration into valve pits and conduits.

IMPACT IF NOT PROVIDED: If this project is not provided, a complete failure of the existing system is likely as components continue to deteriorate and replacement parts become unavailable. The continued use of this obsolete

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 00

3. Installation and Location:	4. Project Title
ANDERSEN AIR FORCE BASE, GUAM	REPLACE HYDRANT FUEL SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	121	DESC0101	20,000

system jeopardizes the base's ability to refuel wide-bodied aircraft in support of current en route mobility plans. The potential for environmental contamination from unprotected, deteriorating underground fuel systems will increase.

ADDITIONAL: An analysis of the status quo, refueling by truck, or constructing the proposed hydrant system concluded that replacement of the existing system is the only feasible alternative to accomplish the en route mission. This project meets all applicable DoD criteria.

12. Supplemental Data:

A. Estimated Design Data:

1. Status:
   - (a) Date Design Started.....05/99
   - (b) Parametric Cost Estimate Used to Develop Costs (Yes/No).....NO
   - (c) Percent Completed as of January 2000.....35
   - (d) Date 35 Percent Completed.....07/99
   - (e) Date Design Complete.....05/00
   - (f) Type of Design Contract.....Design/Bid/Build

2. Basis:
   - (a) Standard or Definitive Design:.....YES
   - (b) Date Design was Most Recently Used:.....09/98

3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)
   - (a) Production of Plans and Specifications.....650
   - (b) All Other Design Costs.....550
   - (c) Total.....1200
   - (d) Contract.....950
   - (e) In-House.....250

4. Contract Award.....01/01
5. Construction Start.....02/01
6. Construction Completion.....02/03

B. Equipment associated with this project that will be provided from other appropriations:
None

Point of Contact is Thomas P. Barba at 703-767-3534

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		FEB 00
3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
NAVAL AIR STATION SIGONELLA, ITALY	DEFENSE LOGISTICS AGENCY	1.32

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
Tenant of USN										

7. INVENTORY DATA ($000)

A. TOTAL AREA	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZATION NOT YET IN INVENTORY	6,100
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	16,300
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE YEARS	0
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	22,400

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
411	DESC0103	Replace Bulk Fuel Storage Facility	16,300	11/98	06/00

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
	None	

10. MISSION OR MAJOR FUNCTION

The mission of Naval Air Station Sigonella is to maintain and operate facilities and provide services and materials to support the operations of the Operating Forces of the Navy as directed by the Commander-in-Chief, U.S. Naval Forces, Europe. In addition, support of operations as directed by NATO is also included.

The backlog of maintenance and repair for fuel facilities at this location is $2.4 million through FY 05.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 00

3. Installation and Location:	4. Project Title
NAVAL AIR STATION, SIGONELLA, ITALY	REPLACE BULK FUEL STORAGE FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	411	DESC0103	16,300

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	10,306
STORAGE TANKS	kL	6,360	350	(2,226)
PUMPHOUSE & OPERATIONS BUILDINGS	LS	-	-	(3,490)
TRANSPORTATION PIPELINE	LS	-	-	(1,500)
FUEL RECEIPT / ISSUE / HARDSTAND FACILITY	LS	-	-	(3,090)
SUPPORTING FACILITIES	-	-	-	4,980
MECHANICAL & ELECTRICAL UTILITIES	LS	-	-	(2,705)
DEMOLITION	LS	-	-	(755)
SITE IMPROVEMENTS, PARKING & ROADS	LS	-	-	(1,395)
OPERATIONS & MAINTENANCE SUPPORT INFORMATION	LS	-	-	(125)
ESTIMATED CONTRACT COST	-	-	-	15,286
SUPERVISION, INSPECTION, AND OVERHEAD (6.5%)	-	-	-	994
TOTAL REQUESTED	-	-	-	16,280
TOTAL REQUESTED (ROUNDED)	-	-	-	16,300

Currency Exchange Rate: 1,932.19 Lire/$

10. Description of Proposed Construction: Construct a bulk fuel storage facility consisting of two 3,180 kL (20,000-barrel) aboveground jet-fuel storage tanks, pumphouse, unloading stations, truck fillstands, and fuels operations/storage buildings. The project will also include fuel receipt and pre-filter stations, hardstands for refueler truck parking, access road, and extensions of an interterminal fuel pipeline and required utilities to the new storage facility. Three 95 kL (25,000-gallon) aboveground storage tanks for diesel fuel and waste fuel with associated dispensing facilities will also be provided. Demolish the existing aboveground structures at the existing tank farm and decommission/close in place three 700-kL (4,400-barrel) cut-and-cover jet fuel tanks. Provide operations and maintenance support information.

11 REQUIREMENT: 9,025 kL ADEQUATE: 2,665 kL SUBSTANDARD: 0 kL

PROJECT: Replace a bulk fuel storage facility at a new site. (C)

REQUIREMENT: There is a need to replace a deteriorating bulk fuel storage facility at NAS Sigonella that has insufficient fuel storage and is located at a congested, environmentally contaminated site. This project provides the jet-fuel storage capacity to meet European Command (EUCOM) mission requirements at a clean site away from operational and administrative areas of the station. The project is also needed to avoid violation of environmental regulations for underground storage tanks (UST) in the Italian Final Governing Standards, which will be effective October 1, 2004.

CURRENT SITUATION: Existing jet-fuel storage capacity is insufficient to meet EUCOM war reserve and peacetime fuel requirements. Current storage is in underground (cut-and-cover) tanks that are deteriorating due to highly corrosive soil conditions. Eight of 10 auxiliary USTs, which provided 25 percent of the total storage capacity, are already out of service due to fuel leakage. This leakage has contaminated the existing site and will require

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 00

3. Installation and Location:	4. Project Title
NAVAL AIR STATION, SIGONELLA, ITALY	REPLACE BULK FUEL STORAGE FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	411	DESC0103	16,300

environmental remediation by the Navy. Also, from the curent fuel farm, refueler trucks must transport fuel through the station's main administrative areas to reach the flightline. Mixing this truck traffic with other vehicles on this busy road network increases the potential for accidents and unsafe conditions.

IMPACT IF NOT PROVIDED: If this project is not provided, the station will have insufficient fuel storage capacity to meet its fueling mission as a Maritime Patrol Aircraft Airfield. Additionally, environmentally hazardous storage conditions will continue to threaten the environment.

ADDITIONAL: A precautionary prefinancing statement for the future recoupment of funds from the NATO Security Investment Program has been submitted to NATO. This project meets all applicable DoD criteria.

12. Supplemental Data:

A. Estimated Design Data:

1. Status:
   - (a) Date Design Started.....11/98
   - (b) Parametric Cost Estimate Used to Develop Costs (Yes/No).....NO
   - (c) Percent Completed as of January 2000.....35
   - (d) Date 35 Percent Completed.....09/99
   - (e) Date Design Complete.....06/00
   - (f) Type of Design Contract.....Design/Bid/Build

2. Basis:
   - (a) Standard or Definitive Design:.....YES
   - (b) Date Design was Most Recently Used:.....09/98

3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)
   - (a) Production of Plans and Specifications.....690
   - (b) All Other Design Costs.....460
   - (c) Total.....1,150
   - (d) Contract.....920
   - (e) In-House.....230

4. Contract Award.....02/01
5. Construction Start.....03/01
6. Construction Completion.....03/03

B. Equipment associated with this project that will be provided from other appropriations:
None

Point of Contact is Thomas P. Barba at 703-767-3534

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		FEB 00

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
MARINE CORPS AIR STATION IWAKUNI, JAPAN	DEFENSE LOGISTICS AGENCY	1.56

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
Tenant of USMC	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL

7. INVENTORY DATA ($000)

A. TOTAL AREA	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZATION NOT YET IN INVENTORY	0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	22,400
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE YEARS	0
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	22,400

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
411	DESCA123	Bulk Fuel Storage Tanks	22,400	10/99	08/00

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
None		

10. MISSION OR MAJOR FUNCTION

The mission of Marine Corps Air Station Iwakuni, Japan, is to maintain and operate facilities and provide services, materials, and housing to support the 1st Marine Aircraft Wing and other tenant commands and to meet the requirements of contingency plans and the Status of Forces Agreement with Japan.

The backlog of maintenance and repair for fuel facilities at this location is $3.1 million through FY 05.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 00

3. Installation and Location:	4. Project Title
MARINE CORPS AIR STATION IWAKUNI, JAPAN	BULK FUEL STORAGE TANKS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	411	DESCA123	22,400

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	18,776
FUEL STORAGE TANKS	kL	31,800	420	(13,356)
PILE FOUNDATION/SOIL DENSIFICATION	LS	-	-	(2,450)
PUMPHOUSE	LS	-	-	(2,370)
FUEL DISTRIBUTION PIPING	LS	-	-	(600)
SUPPORTING FACILITIES	-	-	-	2,235
SITE PREPARATION AND IMPROVEMENTS	LS	-	-	(690)
SITE UTILITIES	LS	-	-	(400)
DEMOLITION	LS	-	-	(785)
OPERATIONS & MAINTENANCE SUPPORT INFORMATION	LS	-	-	(360)
ESTIMATED CONTRACT COST	-	-	-	21,011
SUPERVISION, INSPECTION, & OVERHEAD (SIOH) (6.5%)	-	-	-	1,366
TOTAL REQUEST	-	-	-	22,377
TOTAL REQUEST ROUNDED	-	-	-	22,400

Currency Exchange Rate: ¥102.67/$

10. Description of Proposed Construction: Construct two 15,900-kiloliter (kL) (100,000-barrel) aboveground jet fuel (JP-5) storage tanks with increased shell thickness on pile foundations. Work will include leak detection, cathodic protection, fire protection, transfer pumps, filter separators, emergency power generator, fencing, lighting, utilities, pavements, and modifications to distribution piping. Relocate wind cone, antennas, and other minor airfield structures in the construction footprint. Provide operations and maintenance support information.

11 REQUIREMENT: 47,859 kiloliters (kL) ADEQUATE: 16,059 kL SUBSTANDARD: 0 kL

PROJECT: Construct two 15,900-kL aboveground jet fuel (JP-5) bulk storage tanks. (C)

REQUIREMENT: There is a need to provide additional jet fuel storage capacity at this location to support strategic en route refueling operations, strategic airlift, and force projection in the Pacific. Bulk tanks will store the war reserve jet fuel required to sustain contingency operations pending resupply by tanker ships. These tanks complement a new deep-water fuel pier, being constructed by the Government of Japan at MCAS Iwakuni, that will permit the unloading of large, 235,000-barrel-capacity tankers. This system will permit more economical fuel resupply and reduce the number of resupply cycles to support the station's requirements.

CURRENT SITUATION: The current bulk fuel storage capacity at MCAS Iwakuni is insufficient to support contingency operations, which will deplete jet fuel stocks before resupply shipments can be received by tankers. The current fuel pier is capable of berthing only shallow-draft, 50,000-barrel tankers.

IMPACT IF NOT PROVIDED: If this project is not provided, inadequate on-site jet fuel storage will seriously jeopardize force projection and strategic airlift in the Pacific.

DD Form 1 Dec 76 1391

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 00

3. Installation and Location:	4. Project Title
MARINE CORPS AIR STATION IWAKUNI, JAPAN	BULK FUEL STORAGE TANKS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	411	DESCA123	22,400

ADDITIONAL: Since the existing tanks have limited capacity, construction of new tanks is the only feasible alternative to satisfy the requirement. Cut-and-cover underground tanks cannot be constructed due to poor soil conditions. Aboveground tanks with increased shell thickness and other hardened support facilities will be constructed for force protection and physical security. Because this project increases bulk storage capacity, and hence offensive capability, it is ineligible for funding by the Japanese Facilities Improvement Program (JFIP). This project meets all applicable DoD criteria.

12. Supplemental Data:

A. Estimated Design Data:

1. Status:
   - (a) Date Design Started.....10/99
   - (b) Parametric Cost Estimate Used to Develop Costs (Yes/No).....NO
   - (c) Percent Completed as of January 2000.....35
   - (d) Date 35 Percent Completed.....01/00
   - (e) Date Design Complete.....08/00
   - (f) Type of Design Contract.....Design/Bid/Build

2. Basis:
   - (a) Standard or Definitive Design:.....YES
   - (b) Date Design was Most Recently Used:.....09/98

3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)
   - (a) Production of Plans and Specifications.....700
   - (b) All Other Design Costs.....480
   - (c) Total.....1180
   - (d) Contract.....950
   - (e) In-House.....230

4. Contract Award.....01/01
5. Construction Start.....02/01
6. Construction Completion.....10/02

B. Equipment associated with this project that will be provided from other appropriations:
None

Point of Contact is Thomas P. Barba at 703-767-3534

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		FEB 00
3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
MISAWA AIR BASE, JAPAN	DEFENSE LOGISTICS AGENCY	1.64

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
Tenant of USAF										

7. INVENTORY DATA ($000)

A. TOTAL AREA	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZATION NOT YET IN INVENTORY	0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	26,400
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE YEARS	13,400
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	39,800

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
411	DESC0102	Bulk Fuel Storage Tanks	26,400	12/98	05/00

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
	None	
121	Hydrant Fuel System (FY 05)	13,400

10. MISSION OR MAJOR FUNCTION

Misawa Air Base provides mission ready forces and base operating support for contingency responses in the Pacific theater, specifically WESTPAC's en-route refueling capability. In wartime, Misawa supports both surge and sustainment capability as a center of WESTPAC's rapid Distribution System for critical resupply of equipment, parts, and material.

The backlog of maintenance and repair for fuel facilities at this location is $3.5 million through FY 05.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 00

3. Installation and Location:	4. Project Title
MISAWA AIR BASE, JAPAN	BULK FUEL STORAGE TANKS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	411	DESC0102	26,400

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY	-	-	-	23,704
FUEL STORAGE TANKS	kL	31,800	719	(22,864)
FUEL DISTRIBUTION PIPING	LS	-	-	(240)
TRUCK FILLSTAND	LS	-	-	(600)
SUPPORTING FACILITIES	-	-	-	1,070
SITE PREPARATION AND IMPROVEMENTS	LS	-	-	(310)
SITE UTILITIES	LS	-	-	(400)
OPERATIONS & MAINTENANCE SUPPORT INFORMATION	LS	-	-	(360)
ESTIMATED CONTRACT COST	-	-	-	24,774
SUPERVISION, INSPECTION, & OVERHEAD (SIOH) (6.5%)	-	-	-	1,610
TOTAL REQUEST	-	-	-	26,384
TOTAL REQUESTED ROUNDED	-	-	-	26,400

Currency Exchange Rate: ¥102.67/$

10. Description of Proposed Construction: Construct two 15,900-kiloliter (kL) (100,000-barrel) cut-and-cover jet fuel (JP-8) storage tanks. Work will include leak detection, cathodic protection, fire protection, vertical turbine pumps, truck fillstand, filter separators, emergency power generator, vapor recovery system, access road, lighting, and modification to distribution piping. Provide operations and maintenance support information.

11 REQUIREMENT: 73,140 kiloliters (kL) ADEQUATE: 41,340 kL SUBSTANDARD: 0 kL

PROJECT: Construct two 15,900-kL cut-and-cover jet fuel (JP-8) bulk storage tanks. (C)

REQUIREMENT: There is a need to provide additional jet fuel storage at this location to support strategic en route refueling operations, strategic airlift, and force projection in Asia.

CURRENT SITUATION: The existing bulk fuel storage capacity at Misawa Air Base is insufficient to support contingency operations. Existing bulk storage tanks are resupplied by a 27-kilometer (17-mile) pipeline connecting Misawa Air Base to the Hachinohe tank farm. This pipeline is incapable of providing sufficient fuel to keep up with the projected demand during mobility or contingency operations. Although additional fuel can be provided to Misawa by truck, barge, and rail, these transportation modes require significant coordination with the Host Nation Government with uncertain results of timely delivery. Moreover, due to the lack of on-site storage, deliveries would not keep up with refueling demand.

IMPACT IF NOT PROVIDED: If this project is not provided, inadequate on-site jet fuel storage will seriously jeopardize force projection and strategic airlift in the Pacific theater.

ADDITIONAL: Because this project increases bulk storage capacity, and hence offensive capability, it is ineligible for funding by the Japanese Facilities Improvement Program (JFIP). This project meets all applicable DoD criteria.

DD Form 1 Dec 76 1391

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 00

3. Installation and Location:	4. Project Title
MISAWA AIR BASE, JAPAN	BULK FUEL STORAGE TANKS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	411	DESC0102	26,400

12. Supplemental Data:

A. Estimated Design Data:

1. Status:
   - (a) Date Design Started.....12/98
   - (b) Parametric Cost Estimate Used to Develop Costs (Yes/No).....NO
   - (c) Percent Completed as of January 2000.....90
   - (d) Date 35 Percent Completed.....07/99
   - (e) D. te Design Complete.....05/00
   - (f) Type of Design Contract.....Design/Bid/Build

2. Basis:
   - (a) Standard or Definitive Design:.....YES
   - (b) Date Design was Most Recently Used:.....09/98

3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)

   - (a) Production of Plans and Specifications.....380
   - (b) All Other Design Costs.....320
   - (c) Total.....700
   - (d) Contract.....490
   - (e) In-House.....210

4. Contract Award.....01/01
5. Construction Start.....02/01
6. Construction Completion.....02/03

B. Equipment associated with this project that will be provided from other appropriations:
None

Point of Contact is Thomas P. Barba at 703-767-3534

DD Form 1 Dec 76 1391C

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		FEB 00

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
RAF MILDENHALL UNITED KINGDOM	DEFENSE LOGISTICS AGENCY	1.40

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
Tenant of USAF										

7. INVENTORY DATA ($000)

A. TOTAL AREA	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZATION NOT YET IN INVENTORY	0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	10,000
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE YEARS	0
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	10,000

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
121	DFSC0030	Replace Hydrant Fuel System	10,000	11/98	02/01

. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
	None	

10. MISSION OR MAJOR FUNCTION

The mission of RAF Mildenhall is to maintain and operate facilities and provide services and materials to support U.S. Forces in Europe.

The backlog of maintenance and repair for fuel facilities at this location is $1.8 million through FY 05.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 00

3. Installation and Location:	4. Project Title
ROYAL AIR FORCE MILDENHALL, UNITED KINGDOM	REPLACE HYDRANT FUEL SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	121	DFSC0030	10,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	9,080
REFUELING OUTLETS	OL	20	265,000	(5,300)
TRUCK UNLOAD FACILITIES	LS	-	-	(2,060)
PANTOGRAPHS	LS	-	-	(1,200)
PUMPS AND ASSOCIATED EQUIPMENT	LS	-	-	(520)
SUPPORTING FACILITIES	-	-	-	665
SITE IMPROVEMENTS AND UTILITIES	LS	-	-	(340)
DEMOLITION	LS	-	-	(200)
OPERATIONS & MAINTENANCE SUPPORT INFORMATION	LS	-	-	(125)
ESTIMATED CONTRACT COST	-	-	-	9,745
SUPERVISION, INSPECTION, & OVERHEAD (UK SIOH) (2.5%)	-	-	-	244
TOTAL REQUEST	-	-	-	9,989
TOTAL REQUEST ROUNDED	-	-	-	10,000

Currency Exchange Rate: 0.6250 Br. Pounds/$

10. Description of Proposed Construction: Provide 20 hydrant fuel outlets, hydrant loop piping, truck unload stations, pantographs, pumps, and associated control equipment. Includes cathodic protection and fire detection and suppression. Connect pipeline to existing hydrant system pumphouse and operating tanks. Remove existing underground tanks, buried fuel piping, and hydrant outlets. Provide operations and maintenance support information.

11 REQUIREMENT: 31 Outlets (OL) ADEQUATE: 11 OL SUBSTANDARD: 0 OL

PROJECT: Replace a deteriorated hydrant fuel system with a looped pressurized hydrant fuel system and construct a fuel truck unload facility. (C)

REQUIREMENT: There is a need to provide additional fueling outlets for wide-bodied aircraft supporting strategic en route mobility requirements. This system will replace a 50-year-old system that is failing and cannot support peacetime missions or en route mobility refueling requirements during contingency operations in Europe and Southwest Asia. Truck unload station provides alternate means of resupplying fuel to the base.

CURRENT SITUATION: The existing 50-year-old hydrant fuel system is obsolete and is not capable of efficiently refueling wide-bodied aircraft at the required refueling rates, nor does it have defueling capability. Additionally, a portion of the system is failing, requiring constant repairs. Spare parts are not available due to the obsolescence of this system. As a result, refueling trucks are required to fuel and defuel wide-bodied aircraft. This slow, labor-intensive method cannot meet the required aircraft turnaround rates during contingency operations. The fuel supply pipeline delivers fuel to the base at a rate too low to support these operations. The base has no other means of receiving bulk fuel deliveries.

IMPACT IF NOT PROVIDED: If this project is not provided, the ability of RAF Mildenhall to support strategic en route mobility aircraft will be severly hampered. The base will be forced to rely on a slow, inefficient hydrant system

DD Form 1 Dec 76 1391

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 00

3. Installation and Location:	4. Project Title
ROYAL AIR FORCE MILDENHALL, UNITED KINGDOM	REPLACE HYDRANT FUEL SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	121	DFSC0030	10,000

that is obsolete and will continue to deteriorate, posing an environmental threat and safety hazard for operating personnel and aircraft.

ADDITIONAL: A precautionary prefinancing statement for the future recoupment of funds from the NATO Security Investment Program has been submitted to NATO. Work will be accomplished through a design/build contract administered by the British Ministry of Defense. This project meets all applicable DoD criteria.

12. Supplemental Data:

A. Estimated Design Data:

1. Status:
   - (a) Date Design Started.....11/98
   - (b) Parametric Cost Estimate Used to Develop Costs (Yes/No).....YES
   - (c) Percent Completed as of January 2000.....35
   - (d) Date 35 Percent Completed.....07/99
   - (e) Date Design Complete.....02/01
   - (f) Type of Design Contract.....Design/Build

2. Basis:
   - (a) Standard or Definitive Design:.....YES
   - (b) Date Design was Most Recently Used:.....07/99

3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)
   - (a) Production of Plans and Specifications.....245
   - (b) All Other Design Costs.....165
   - (c) Total.....410
   - (d) Contract.....330
   - (e) In-House.....80

4. Contract Award.....11/00
5. Construction Start.....12/00
6. Construction Completion.....07/02

B. Equipment associated with this project that will be provided from other appropriations:
None

Point of Contact is Thomas P. Barba at 703-767-3534

DD Form 1 Dec 76 1391C

FY 2001 MILITARY CONSTRUCTION, DEFENSE-WIDE
($ in Thousands)

State/Agency/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
North Carolina				
DoD Dependent Schools				
Camp Lejeune				
Construct Elementary School	5,914	5,914	C	111
South Carolina				
DoD Dependent School				
Laurel Bay Island				
Elementary School Classroom Addition	804	804	C	113
Total Inside the United States	**6,718**	**6,718**		
Germany				
DoD Dependent Schools				
Hanau				
Argonner Elementary Classroom Addition	1,026	1,026	C	115
Hohenfels				
Construct High School	13,774	13,774	C	117
Schweinfurt				
Schweinfurt Elementary Classroom Addition	1,444	1,444	C	119
Wuerzburg				
Wuerzburg Elementary Classroom Addition	1,798	1,798	C	121
Italy				
DoD Dependent Schools				
Sigonella				
Sigonella Elementary Classroom Addition	971	971	C	123
United Kingdom				
DoD Dependent Schools				
RAF Feltwell				
Feltwell Elementary Classroom Addition	1,287	1,287	C	125
RAF Lakenheath				
Lakenheath Elementary Classroom Addition	3,086	3,086	C	127
Total Outside the United States	**23,386**	**23,386**		
Total	**30,104**	**30,104**		

1. COMPONENT	FY2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
DoDEA		18-Jan-00

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
MCB CAMP LEJEUNE, NC		

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 1 Sep 99			44			459				503
b. END FY 20										

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	
b. INVENTORY TOTAL AS OF	
c. AUTHORIZATION NOT YET IN INVENTORY	
d. AUTHORIZATION REQUESTED IN THIS PROGRAM	5,914
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
f. PLANNED IN NEXT THREE PROGRAM YEARS	
g. REMAINING DEFICIENCEY	
h. GRAND TOTAL	

8. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
730-55	Replace Russell Elem. School	55,540	5,914		

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM: NONE.

b. PLANNED IN NEXT THREE YEARS: NONE.

10. MISSION OR MAJOR FUNCTIONS

TO PROVIDE QUALITY EDUCATION FOR DoD DEPENDENTS.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES ($000)

NONE

DD Form 1390

1. COMPONENT	FY2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
DoDEA		18-Jan-00

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MCB CAMP LEJEUNE, NORTH CAROLINA	RUSSELL ELEMENTARY SCHOOL

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	730-55		5,914

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				4,665
Building	SF	55,540	84	(4,665)
SUPPORTING FACILITIES				888
Electric	LS	-	-	(100)
Water	LS	-	-	(100)
Sewer	LS	-	-	(100)
Pavements	LS	-	-	(100)
Storm Drainage	LS	-	-	(100)
Site Improvements	LS	-	-	(100)
Communications	LS	-	-	(88)
Demolition	LS			(200)
ESTIMATED CONTRACT COST				5,553
SUPERVISION & ADMIN. (6.5%)				361
TOTAL REQUEST				5,914

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Construct an elementary school including prekindergartens, kindergartens, preschool disabled classroom, general purpose classrooms, an art classroom, music classroom, specialists classrooms, computer lab, library, multipurpose room with stage and kitchen, student store, administrative area, teacher's workroom, home/school partnership/parents center, supply storage room. Rooms to be equipped with markerboards, tackboards, sink/counter units, local area network, intercom, public address, telephone, clock/bell, closed circuit television, fire alarm and fire sprinkler systems. Supporting areas to include utilities, parking, separate bus loading/unloading and parent pick up and drop off areas, sidewalks, access roads, hardsurface playgrounds, playground equipment areas, grass playfields, and a school sign. Bldgs 797 and 798, trailers 40B, 40D, 40E, Quonsets 786 and 819, and associates site works to be demolished.

11. Requirement: 25 Teaching Stations Adequate:0 Substandard 0

PROJECT: This project is required to provide an adequate elementary school for 345 students in grades PK-1.

CURRENT SITUATION: The existing school consists of buildings constructed in the 1940s and 50s, three trailer classrooms, and two Quonset huts. Classrooms are generally too small and unsuitable to support the current curriculum or enrollment.

IMPACT IF NOT PROVIDED: If this project is not provided, the existing substandard facilities that comprise Russell ES will be kept in operation.

POC: Mr. Kent Craig, Chief, Facilities Branch, (703) 696-3850

DD Form 1391

1. COMPONENT	FY2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
DoDEA		1/18/00

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
MCAS Beaufort, SC		

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 1 Sep 99			71			679				750
b. END FY 20										

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	
b. INVENTORY TOTAL AS OF	
c. AUTHORIZATION NOT YET IN INVENTORY	
d. AUTHORIZATION REQUESTED IN THIS PROGRAM	804
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
f. PLANNED IN NEXT THREE PROGRAM YEARS	
g. REMAINING DEFICIENCEY	
h. GRAND TOTAL	

8. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
730-55	Construct Classroom Addition	6,500	804	Mar 99	

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM: NONE.

b. PLANNED IN NEXT THREE YEARS: NONE.

10. MISSION OR MAJOR FUNCTIONS

TO PROVIDE QUALITY EDUCATION FOR DoD DEPENDENTS.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES ($000)

NONE

DD Form 1390

1. COMPONENT	FY2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
DoDEA		18-Jan-00

3. INSTALLLATION AND LOCATION	4. PROJECT TITLE
MCAS BEAUFORT, SC	LAUREL BAY PRIMARY SCHOOL CLASSROOM ADDITION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	730-55		804

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				650
Addition	SF	6,500	100	(650)
SUPPORTING FACILITIES				108
Electric	LS	-	-	(18)
Water	LS	-	-	(15)
Sewer	LS	-	-	(15)
Pavements	LS	-	-	(15)
Storm Drainage	LS	-	-	(15)
Site Improvements	LS	-	-	(15)
Communications	LS	-	-	(15)
	LS			
ESTIMATED CONTRACT COST				758
SUPERVISION & ADMIN. (6.0%)				46
TOTAL REQUEST				804

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Construct a building or addition containing four kindergartens. Rooms shall include shared bathrooms and kitchens and shall be equipped with markerboards, tackboards, built-in cabinets, television wall mounts, sinks with bubblers, air conditioning, public address, telephone, clock, bell/chime, local area network, closed circuit television, and fire alarm systems. Pavements shall include parking, access roads, and walkways as required. Site improvements shall include covered walkways, playgrounds, landscaping, utilities, and relocation of existing trailers as required.

11. Requirement: 4 Teaching Stations

PROJECT: This project is required to provide a DoDEA program to reduce the pupil teacher ratio (PTR) in grades 1-3 to 1 to 18 and to establish full day kindergarten programs.
CURRENT SITUATION: All existing teaching stations at the school are being fully utilized.

IMPACT IF NOT PROVIDED: If this project is not provided, it will not be possible to reduce the PTR.
POC: Mr. Kent Craig, Chief, Facilities Branch, (703) 696-3850

DD Form 1391

1. COMPONENT	FY2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
DoDEA		18-Jan-00

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Hanau, Germany		

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 1 Sep 99			49			476				525
b. END FY 20										

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	
b. INVENTORY TOTAL AS OF	
c. AUTHORIZATION NOT YET IN INVENTORY	
d. AUTHORIZATION REQUESTED IN THIS PROGRAM	1,026
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
f. PLANNED IN NEXT THREE PROGRAM YEARS	
g. REMAINING DEFICIENCEY	
h. GRAND TOTAL	

8. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
730-55	Construct Classroom Addition	6,400	1,026	Jun 99	

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM: NONE.

b. PLANNED IN NEXT THREE YEARS: NONE.

10. MISSION OR MAJOR FUNCTIONS

TO PROVIDE QUALITY EDUCATION FOR DoD DEPENDENTS.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES ($000)

NONE

DD Form 1390

1. COMPONENT	FY2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
DoDEA		18-Jan-00

3. INSTALLLATION AND LOCATION	4. PROJECT TITLE
HANAU, GERMANY	ARGONNER ELEMENTARY SCHOOL CLASSROOM ADDITION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	730-55		1,026

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				768
Construction	SF	6,400	120	(768)
SUPPORTING FACILITIES				158
Electric	LS	-	-	(30)
Water	LS	-	-	(23)
Sewer	LS	-	-	(15)
Pavements	LS	-	-	(30)
Storm Drainage	LS	-	-	(15)
Site Improvements	LS	-	-	(22)
Communications	LS	-	-	(23)
ESTIMATED CONTRACT COST				926
ANTI-TERRORISM MEASURES (2.5%)				29
CONTINGENCY (5%)				
SUBTOTAL				955
SUPERVISION & ADMIN. (6.5%)				71
TOTAL REQUEST				1,026

10. DESCRIPTION OF PROPOSED CONSTRUCTION

This project will construct one (1) kindergarten and three (3) general purpose classrooms in support of the new full day kindergarten (FDKN) and reduced pupil teacher ratio (PTR) program for DoDD Schools in Europe. This project will construct a total of four (4) teaching stations which shall be Americans with Disabilities Act Guideline (ADAG) compliant to include access, shared bathrooms and kitchens. The classrooms shall also be equipped with markerboards, tackboards, built-in cabinets, television wall mounts with closed circuit television connections, sinks with bubblers, air conditioning, public address, telephone, clock, bell/chime, local area network (LAN), and NFPA compliant fire alarm and visual attenuator systems. Pavements shall include parking, access roads, and walkways and security lighting as required. Site improvements shall include signage, fencing, covered walkways, playgrounds, landscaping, utilities, and relocation/demolition of existing trailers/structures as required. This project shall also be designed in accordance with new Anti-terrorism Engineering Standards.

11. Requirement: 4 Teaching Stations

PROJECT: This project is required as part of a DOD/DoDEA program to provide full day kindergarten and to reduce the pupil teacher ratio (PTR) in grades 1-3 to 1 to 18

CURRENT SITUATION: All existing teaching stations at the Argonner ES are being fully utilized and the facility cannot accomodate the increased classroom requirement without new construction.

IMPACT IF NOT PROVIDED: If this project is not provided, it will not be possible to provide for full day kindergarten (FDKN) or to reduce the pupil teacher ratio (PTR).

1. COMPONENT	FY2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
DoDEA		18-Jan-00

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Hohenfels, Germany		

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 1 Sep 99			21			190				211
b. END FY 20										

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	
b. INVENTORY TOTAL AS OF	
c. AUTHORIZATION NOT YET IN INVENTORY	
d. AUTHORIZATION REQUESTED IN THIS PROGRAM	13,774
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
f. PLANNED IN NEXT THREE PROGRAM YEARS	
g. REMAINING DEFICIENCEY	
h. GRAND TOTAL	

8. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
730-55	*Construct New High School	*81,000	13,774	Mar 99	

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM: NONE.

b. PLANNED IN NEXT THREE YEARS: NONE.

10. MISSION OR MAJOR FUNCTIONS

TO PROVIDE QUALITY EDUCATION FOR DoD DEPENDENTS.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES ($000)

NONE

DD Form 1390

1. COMPONENT	FY2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
DoDEA		18-Jan-00

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Hohenfels, Germany	Construct Middle School/High School

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	730-55		13,774

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				10,570
Middle/High School	SF	81,000	130	(10,530)
Basketball/Tennis Courts	LS			(20)
Building Communications	LS			(20)
SUPPORTING FACILITIES				1,873
Electric	LS	-	-	(470)
Water	LS	-	-	(350)
Sewer	LS	-	-	(365)
Pavements	LS	-	-	(332)
Storm Drainage	LS	-	-	(215)
Site Improvements	LS	-	-	(120)
Communications	LS	-	-	(21)
ESTIMATED CONTRACT COST				12,443
ANTI-TERRORISM MEASURES (2.5%)				311
SUBTOTAL				12,754
SUPERVISION & ADMIN. (8%)				1,020
TOTAL REQUEST				13,774

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Construct a pre-engineered, precast reinforced concrete, masonry, or steel frame permanent facility. Project includes 13 general purpose classrooms, 2 computer labs, rooms for one each of the following: art, music, general science/physics, biology, chemistry JROTC, industrial arts, learning development/special education/reading improvement, media center, multipurpose room, teachers workroom, kitchen, gymnasium, supply/storage, and administration. The classrooms shall also be equipped with markerboards, tackboards, built-in cabinets, television wall mounts with closed circuit television connections, sinks with bubblers, air conditioning, public address, telephone, clock, bell/chime, local area network (LAN), and NFPA compliant fire alarm and visual attenuator systems. Pavements shall include parking, access roads, and walkways and security lighting as required. Site improvements shall include signage, fencing, covered walkways, playgrounds, landscaping, and utilities. This project shall also be designed in accordance with new DoD Anti-terrorism Engineering Standards.

11. Requirement: 26 Teaching Stations

PROJECT: This project is required to provide quality education facilities for DoD dependents in Hohenfels

CURRENT SITUATION: The present middle/high school consists of four separate classroom buildings, in poor to average condition, combined on short notice in 1995 to create a very basic middle/high school facility without a gymnasium, or adequate general and special purpose classroom space

IMPACT IF NOT PROVIDED: The middle high school will continue to not have a gymnasium or proper educational space and continue to use four increasingly substandard buildings. These deficiencies will keep the school significantly below the minimum DoDDS facility standards and make it impossible to provide a proper teaching/learning environment to meet the DoDDS educational standards.

POC: Mr. Kent Craig, Chief, Facilities Branch, (703) 696-3850

DD Form 1391

1. COMPONENT	FY2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
DoDEA		18-Jan-00

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Schweinfurt, Germany		

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 1 Sep 99			75			768				843
b. END FY 20										

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	
b. INVENTORY TOTAL AS OF	
c. AUTHORIZATION NOT YET IN INVENTORY	
d. AUTHORIZATION REQUESTED IN THIS PROGRAM	1,444
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
f. PLANNED IN NEXT THREE PROGRAM YEARS	
g. REMAINING DEFICIENCEY	
h. GRAND TOTAL	

8. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
730-55	Construct Classroom Addition	9,300	1,444	Jun 99	

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM: NONE.

b. PLANNED IN NEXT THREE YEARS: NONE.

10. MISSION OR MAJOR FUNCTIONS

TO PROVIDE QUALITY EDUCATION FOR DoD DEPENDENTS.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES ($000)

NONE

DD Form 1390

1. COMPONENT	FY2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
DoDEA		18-Jan-00

3. INSTALLLATION AND LOCATION	4. PROJECT TITLE
SCHWEINFURT, GERMANY	SCHWEINFURT ELEMENTARY SCHOOL CLASSROOM ADDITION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	730-55		1,444

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				1,163
Construction	SF	9,300	125	(1,163)
SUPPORTING FACILITIES				160
Electric	LS	-	-	(30)
Water	LS	-	-	(30)
Sewer	LS	-	-	(20)
Pavements	LS	-	-	(10)
Storm Drainage	LS	-	-	(20)
Site Improvements	LS	-	-	(25)
Communications	LS	-	-	(25)
ESTIMATED CONTRACT COST				1,323
ANTI-TERRORISM MEASURES (2.5%)				33
SUBTOTAL				1,356
SUPERVISION & ADMIN. (6.5%)				88
TOTAL REQUEST				1,444

10. DESCRIPTION OF PROPOSED CONSTRUCTION

This project will construct two (2) general purpose and four (4) kindergarten classrooms in support of the new full day kindergarten (FDKN) and reduced pupil teacher ratio (PTR) program for DoDD Schools in Europe. This project will construct a total of six (6) teaching stations which shall be Americans with Disabilities Act Guideline (ADAG) compliant to include access, shared bathrooms and kitchens. The classrooms shall also be equipped with markerboards, tackboards, built-in cabinets, television wall mounts with closed circuit television connections, sinks with bubblers, air conditioning, public address, telephone, clock, bell/chime, local area network (LAN), and NFPA compliant fire alarm and visual attenuator systems. Pavements shall include parking, access roads, and walkways and security lighting as required. Site improvements shall include signage, fencing, covered walkways, playgrounds, landscaping, utilities, and relocation/demolition of existing trailers/structures as required. This project shall also be designed in accordance with new Anti-terrorism Engineering Standards.

11. Requirement: 6 Teaching Stations

PROJECT: This project is required as part of a DOD/DoDEA program to provide full day kindergarten and to reduce the pupil teacher ratio (PTR) in grades 1-3 to 1 to 18

CURRENT SITUATION: All existing teaching stations at the Schweinfurt ES are being fully utilized and the facility cannot accomodate the increased classroom requirement without new construction.

IMPACT IF NOT PROVIDED: If this project is not provided, it will not be possible to provide for full day kindergarten (FDKN) or to reduce the pupil teacher ratio (PTR).

DD Form 1391

1. COMPONENT	FY2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
DoDEA		18-Jan-00

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Wuerzburg, Germany		

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 1 Sep 99			74			736				810
b. END FY 20										

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	
b. INVENTORY TOTAL AS OF	
c. AUTHORIZATION NOT YET IN INVENTORY	
d. AUTHORIZATION REQUESTED IN THIS PROGRAM	1,798
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
f. PLANNED IN NEXT THREE PROGRAM YEARS	
g. REMAINING DEFICIENCEY	
h. GRAND TOTAL	

8. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
730-55	Construct Classroom Addition	9,850	1,798	Jun 99	

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM: NONE.

b. PLANNED IN NEXT THREE YEARS: NONE.

10. MISSION OR MAJOR FUNCTIONS

TO PROVIDE QUALITY EDUCATION FOR DoD DEPENDENTS.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES ($000)

NONE

DD Form 1390

1. COMPONENT	FY2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
DoDEA		18-Jan-00

3. INSTALLLATION AND LOCATION	4. PROJECT TITLE
WUERZBURG, GERMANY	WUERZBURG ELEMENTARY SCHOOL CLASSROOM ADDITION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	730-55		1,798

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				1,351
Construction/Renovation	SF	9,650	140	(1,351)
SUPPORTING FACILITIES				280
Electric	LS	-	-	(45)
Water	LS	-	-	(40)
Sewer	LS	-	-	(20)
Pavements	LS	-	-	(55)
Storm Drainage	LS	-	-	(40)
Site Improvements	LS	-	-	(40)
Communications	LS	-	-	(40)
ESTIMATED CONTRACT COST				1,631
ANTI-TERRORISM MEASURES (2.5%)				41
SUBTOTAL				1,672
SUPERVISION & ADMIN. (6.5%)				126
TOTAL REQUEST				1,798

10. DESCRIPTION OF PROPOSED CONSTRUCTION

This project will construct five (5) general purpose and three (3) kindergarten classrooms in support of the new full day kindergarten (FDKN) and reduced pupil teacher ratio (PTR) program for DoDD Schools in Europe. This project will construct a total of eight (8) teaching stations which shall be Americans with Disabilities Act Guideline (ADAG) compliant to include access, shared bathrooms and kitchens. The classrooms shall also be equipped with markerboards, tackboards, built-in cabinets, television wall mounts with closed circuit television connections, sinks with bubblers, air conditioning, public address, telephone, clock, bell/chime, local area network (LAN), and NFPA compliant fire alarm and visual attenuator systems. Pavements shall include parking, access roads, and walkways and security lighting as required. Site improvements shall include signage, fencing, covered walkways, playgrounds, landscaping, utilities, and relocation/demolition of existing trailers/structures as required. This project shall also be designed in accordance with new Anti-terrorism Engineering Standards.

11. Requirement: 8 Teaching Stations

PROJECT: This project is required as part of a DOD/DoDEA program to provide full day kindergarten and to reduce the pupil teacher ratio (PTR) in grades 1-3 to 1 to 18

CURRENT SITUATION: All existing teaching stations at the Wuerzburg ES are being fully utilized and the facility cannot accomodate the increased classroom requirement without new construction.

IMPACT IF NOT PROVIDED: If this project is not provided, it will not be possible to provide for full day kindergarten (FDKN) or to reduce the pupil teacher ratio (PTR).

DD Form 1391

1. COMPONENT	FY2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
DoDEA		18-Jan-00

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
NSA Sigonella, Italy		

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 1 Sep 99			96			952				1048
b. END FY 20										

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	
b. INVENTORY TOTAL AS OF	
c. AUTHORIZATION NOT YET IN INVENTORY	
d. AUTHORIZATION REQUESTED IN THIS PROGRAM	971
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
f. PLANNED IN NEXT THREE PROGRAM YEARS	
g. REMAINING DEFICIENCEY	
h. GRAND TOTAL	

8. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
730-55	Construct Classroom Addition	6,200	971	May 99	

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM: NONE.

b. PLANNED IN NEXT THREE YEARS: NONE.

10. MISSION OR MAJOR FUNCTIONS

TO PROVIDE QUALITY EDUCATION FOR DoD DEPENDENTS.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES ($000)

NONE

DD Form 1390

1. COMPONENT	FY2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
DoDEA		18-Jan-00

3. INSTALLLATION AND LOCATION	4. PROJECT TITLE
SIGONELLA, ITALY	SIGONELLA ELEMENTARY/HIGH SCHOOL CLASSROOM ADDITION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	730-55		971

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				744
Construction/Renovation	SF	6,200	120	(744)
SUPPORTING FACILITIES				146
Electric	LS	-	-	(22)
Water	LS	-	-	(22)
Sewer	LS	-	-	(15)
Pavements	LS	-	-	(32)
Storm Drainage	LS	-	-	(15)
Site Improvements	LS	-	-	(20)
Communications	LS	-	-	(20)
ESTIMATED CONTRACT COST				890
ANTI-TERRORISM MEASURES (2.5%)				22
SUBTOTAL				912
SUPERVISION & ADMIN. (6.5%)				59
TOTAL REQUEST				971

10. DESCRIPTION OF PROPOSED CONSTRUCTION

This project will construct three (3) general-purpose and two (2) kindergarten classrooms in support of the new full day kindergarten (FDKN) and reduced pupil-teacher ratio (PTR) program for DoDD Schools in Europe. This project will construct a total of five (5) teaching stations which shall be Americans with Disabilities Act Guideline (ADAG) compliant to include access, shared bathrooms and kitchens. The classrooms shall also be equipped with markerboards, tackboards, built-in cabinets, television wall mounts with closed circuit television connections, sinks with bubblers, air conditioning, public address, telephone, clock, bell/chime, local area network (LAN), and NFPA compliant fire alarm and visual attenuator systems. Pavements shall include parking, access roads, and walkways and security lighting as required. Site improvements shall include signage, fencing, covered walkways, playgrounds, landscaping, utilities, and relocation/demolition of existing trailers/structures as required. This project shall also be designed in accordance with new Anti-terrorism Engineering Standards.

11. Requirement: 5 Teaching Stations

PROJECT: This project is required as part of a DOD/DoDEA program to provide full day kindergarten and to reduce the pupil teacher ratio (PTR) in grades 1-3 to 1 to 18

CURRENT SITUATION: All existing teaching stations at the Sigonella E/HS are being fully utilized and the facility cannot accomodate the increased classroom requirement without new construction.

IMPACT IF NOT PROVIDED: If this project is not provided, it will not be possible to provide for full day kindergarten (FDKN) or to reduce the pupil teacher ratio (PTR).

DD Form 1391

1. COMPONENT	FY2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
DoDEA		18-Jan-00

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
RAF Feltwell, United Kingdom		

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 1 Sep 99			50			502				552
b. END FY 20										

7. INVENTORY DATA *($000)*

a. TOTAL ACREAGE	
b. INVENTORY TOTAL AS OF	
c. AUTHORIZATION NOT YET IN INVENTORY	
d. AUTHORIZATION REQUESTED IN THIS PROGRAM	1,287
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
f. PLANNED IN NEXT THREE PROGRAM YEARS	
g. REMAINING DEFICIENCEY	
h. GRAND TOTAL	

8. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
730-55	Construct Classroom Addition	8,300	1,287	Jun 99	

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM: NONE.

b. PLANNED IN NEXT THREE YEARS: NONE.

10. MISSION OR MAJOR FUNCTIONS

TO PROVIDE QUALITY EDUCATION FOR DoD DEPENDENTS.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES *($000)*

NONE

DD Form 1390

1. COMPONENT	FY2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
DoDEA		18-Jan-00

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
UNITED KINGDOM	FELTWELL ELEMENTARY SCHOOL CLASSROOM ADDITION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	730-55		1,287

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				996
Construction/Renovation	SF	8,300	120	(996)
SUPPORTING FACILITIES				184
Electric	LS	-	-	(25)
Water	LS	-	-	(28)
Sewer	LS	-	-	(20)
Pavements	LS	-	-	(40)
Storm Drainage	LS	-	-	(20)
Site Improvements	LS	-	-	(25)
Communications	LS	-	-	(26)
ESTIMATED CONTRACT COST				1,180
ANTI-TERRORISM MEASURES (2.5%)				28
SUBTOTAL				1,208
SUPERVISION & ADMIN. (6.5%)				79
TOTAL REQUEST				1,287

10. DESCRIPTION OF PROPOSED CONSTRUCTION

This project will construct three (3) general purpose and eight (8) kindergarten classrooms in support of the new full day kindergarten (FDKN) and reduced pupil teacher ratio (PTR) program for DoDD Schools in Europe. This project will construct a total of eleven (11) teaching stations which shall be Americans with Disabilities Act Guideline (ADAG) compliant to include access, shared bathrooms and kitchens. The classrooms shall also be equipped with markerboards, tackboards, built-in cabinets, television wall mounts with closed circuit television connections, sinks with bubblers, air conditioning, public address, telephone, clock, bell/chime, local area network (LAN); and NFPA compliant fire alarm and visual attenuator systems. Pavements shall include parking, access roads, and walkways and security lighting as required. Site improvements shall include signage, fencing, covered walkways, playgrounds, landscaping, utilities, and relocation/demolition of existing trailers/structures as required. This project shall also be designed in accordance with new Anti-terrorism Engineering Standards.

11. Requirement: 11 Teaching Stations

PROJECT: This project is required as part of a DOD/DoDEA program to provide full day kindergarten and to reduce the pupil teacher ratio (PTR) in grades 1-3 to 1 to 18

CURRENT SITUATION: All existing teaching stations at the Feltwell ES are being fully utilized and the facility cannot accomodate the increased classroom requirement without new construction.

IMPACT IF NOT PROVIDED: If this project is not provided, it will not be possible to provide for full day kindergarten (FDKN) or to reduce the pupil teacher ratio (PTR).

1. COMPONENT	FY2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
DoDEA		18-Jan-00

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
RAF Leakenheath, United Kingdom		

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 1 Sep 99			95			996				1091
b. END FY 20										

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE
b. INVENTORY TOTAL AS OF
c. AUTHORIZATION NOT YET IN INVENTORY
d. AUTHORIZATION REQUESTED IN THIS PROGRAM 3,088
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM
f. PLANNED IN NEXT THREE PROGRAM YEARS
g. REMAINING DEFICIENCEY
h. GRAND TOTAL

8. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
730-55	Construct Classroom Addition	18,700	3,088	Jun 99	

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM: NONE.

b. PLANNED IN NEXT THREE YEARS: NONE.

10. MISSION OR MAJOR FUNCTIONS

TO PROVIDE QUALITY EDUCATION FOR DoD DEPENDENTS.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES ($000)

NONE

DD Form 1390

1. COMPONENT	FY2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
DoDEA		18-Jan-00

3. INSTALLLATION AND LOCATION	4. PROJECT TITLE
UNITED KINGDOM	LAKENHEATH ELEMENTARY SCHOOL CLASSROOM ADDITION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	730-55		3,086

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				2,244
Construction/Renovation	SF	18,700	120	(2,244)
SUPPORTING FACILITIES				583
Electric	LS	-	-	(114)
Water	LS	-	-	(114)
Sewer	LS	-	-	(65)
Pavements	LS	-	-	(115)
Storm Drainage	LS	-	-	(45)
Site Improvements	LS	-	-	(65)
Communications	LS	-	-	(65)
ESTIMATED CONTRACT COST				2,827
ANTI-TERRORISM MEASURES (2.5%)				71
SUBTOTAL				2,898
SUPERVISION & ADMIN. (6.5%)				188
TOTAL REQUEST				3,086

10. DESCRIPTION OF PROPOSED CONSTRUCTION

This project will construct six (6) general purpose and four (4) kindergarten classrooms in support of the new full day kindergarten (FDKN) and reduced pupil teacher ratio (PTR) program for DoDD Schools in Europe. This project will construct a total of ten (10) teaching stations which shall be Americans with Disabilities Act Guideline (ADAG) compliant to include access, shared bathrooms and kitchens. The classrooms shall also be equipped with markerboards, tackboards, built-in cabinets, television wall mounts with closed circuit television connections, sinks with bubblers, air conditioning, public address, telephone, clock, bell/chime, local area network (LAN), and NFPA compliant fire alarm and visual attenuator systems. Pavements shall include parking, access roads, and walkways and security lighting as required. Site improvements shall include signage, fencing, covered walkways, playgrounds, landscaping, utilities, and relocation/demolition of existing trailers/structures as required. This project shall also be designed in accordance with new Anti-terrorism Engineering Standards.

11. Requirement: 10 Teaching Stations

PROJECT: This project is required as part of a DOD/DoDEA program to provide full day kindergarten and to reduce the pupil teacher ratio (PTR) in grades 1-3 to 1 to 18

CURRENT SITUATION: All existing teaching stations at the Lakenheath ES are being fully utilized and the facility cannot accomodate the increased classroom requirement without new construction.

IMPACT IF NOT PROVIDED: If this project is not provided, it will not be possible to provide for full day kindergarten (FDKN) or to reduce the pupil teacher ratio (PTR).

FY 2001 MILITARY CONSTRUCTION, DEFNESE-WIDE
($ in Thousands)

State/Agency/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Germany				
Defense Threat Reduction Agency				
Darmstadt				
Renovate Administrative Facility	2,450	2,450	C	130
Total	**2,450**	**2,450**		

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
DoD/DTRA		February 2000
3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
DTRA/OSE, Darmstadt, Germany	Defense Threat Reduction Agency	

6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	33	76	12				4	8	10	143
B. END FY 2005										

7. INVENTORY DATA ($000)	
A. TOTAL AREA	
B. INVENTORY TOTAL AS OF 30 SEPTEMBER 1999	
C. AUTHORIZATION NOT YET IN INVENTORY	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	2,450
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	2,450

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
610	D99BR005	DARMSTADT	2,450		
		TOTAL	2,450		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)	
A.			
B.			

10. MISSION OR MAJOR FUNCTION:

Relocate DTRA-European Operations Division (OSE) from Rhein-Main Air Base to Nathan Hale QM Area GE57D, Darmstadt. This move is predicated on anticipated closure of Rhein-Main Air Force Base and relocation of all current OSE activities to secure office space.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:		
A. AIR POLLUTION		
B. WATER POLLUTION		
C. OCCUPATIONAL SAFETY AND HEALTH		

Chief, Logistics and Engineering Office: Mr. John Eddy
Phone Number: 703-810-4304

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DoD/DTRA		February 2000

3. Installation and Location/UIC: DTRA Darmstadt, Germany 1855	4. Project Title
	DARMSTADT

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0302199BR	610	D99BR005	Approp. 2,450

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				2,303
Demolish silos and install stairwells	LS			(651)
Office area construction	LS			(263)
Bathrooms	LS			(96)
Plumbing	LS			(43)
Heating and Air conditioning	LS			(890)
Emergency Generator	EA			(46)
Electrical Service and Distribution	LS			(292)
Fire Alarm	LS			(22)
SUPPORTING FACILITIES				8
Security Fencing	LS			(8)
ESTIMATED CONTRACT COST				2,311
CONTINGENCY PERCENT (0 %)				0
SUBTOTAL				2,311
SUPERVISION, INSPECTION & OVERHEAD (6%)				139
CATEGORY E EQUIPMENT				0
TOTAL REQUEST				2,450
TOTAL REQUEST (ROUNDED)				2,450
INSTALLED EQT-OTHER APPROPRIATIONS				850

10. Description of Proposed Construction: Renovate and convert building #4107 to administrative use, including classrooms, elevators, interior partitions and ceilings, and 2 stairwells. The complex will include office and operations space, sensitive compartmented information facility (SCIF) areas, computer rooms, and special storage. Access for the handicapped will be provided. Heating will be provided by direct heat. Other appropriation costs include blast curtains ($500K) for force protection and systems furniture ($350K). In addition an estimated $1,049K O&M will be expended for miscellaneous repairs.

11. REQ: 59,429 SF ADQT: NONE SUBSTD: 59,429 SF

PROJECT: Renovate and convert building #4107 for a headquarters complex.

REQUIREMENT: This project is required for the Defense Threat Reduction Agency/On-Site Europe (DTRA-OSE) after the US Air Force is closing Rhein-Main Air Base and relocation of this organization to Nathan Hale QM Area, GE57D, Darmstadt. This project will provide administrative and special use space for 143 DTRA-OSE personnel .

CURRENT SITUATION: The Defense Threat Reduction Agency/On-Site Europe is currently located at Rhein-Main Air Base which will be returned to the German government.

IMPACT IF NOT PROVIDED: If this project is not provided, the Defense Threat Reduction Agency/On-Site Europe will be unable to perform its mission, the implementation of the CFE Treaty, the INF Treaty, the Vienna Documents, and the Dayton Peace Accords.

1. Component DoD/DTRA	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date February 2000
3. Installation and Location/UIC: DTRA Darmstadt, Germany 1855	4. Project Title DARMSTADT	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0302199BR	610	D99BR005	Approp. 2,450

12. Supplemental Data:

A. Estimated Design Data:

1. Status
   - (a) Date Design Started.....12/99
   - (b) Parametric Cost Estimate Used to Develop Costs (Yes/No).....NO
   - (c) Percent Completed as of January 2000.....35
   - (d) Date 35 Percent Completed.....1/00
   - (e) Date Design Complete.....6/00
   - (f) Type of Design Contract.....In House

2. Basis:
   - (a) Standard or Definitive Design:.....NO
   - (b) Date Design was Most Recently Used:.....N/A

3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)
   - (a) Production of Plans and Specifications.....45
   - (b) All Other Design Costs.....40
   - (c) Total.....85
   - (d) Contract.....20
   - (e) In-House.....65

4. Contract Award.....10/00
5. Construction Start.....11/00
6. Construction Completion.....8/01

B. Equipment associated with this project that will be provided from other appropriations: 850

Point of Contact is: Mr. John Eddy, Chief Logistics and Engineering Office
(703) 810-4304

FY 2001 MILITARY CONSTRUCTION, DEFNESE-WIDE
($ in Thousands)

State/Agency/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Maryland				
Fort Meade				
Critical Utility Control (Phase II)	769	769	C	135
Route 32	3,459	3,459	C	138
Total	**4,228**	**4,228**		

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
NSA/CSS Defense		February 2000
3. INSTALLATION AND LOCATION	**4. COMMAND**	**5. AREA CONSTRUCTION COST INDEX**
Fort George G. Meade	NSA/CSS	0.90

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999										
B. END FY 2005				CLASS	IFIED					

7. INVENTORY DATA ($000)

A. TOTAL AREA 628.6	
B. INVENTORY TOTAL AS OF 30 SEPTEMBER 1995	1,575,900
C. AUTHORIZATION NOT YET IN INVENTORY	123,455
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	4,228
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	6,124
F. PLANNED IN NEXT THREE YEARS	9,023
G. REMAINING DEFICIENCY	143,475
H. GRAND TOTAL	1,862,205

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
821	Critical Utility Control, Phase II		769	Aug 98	Apr 00
851	Route 32		3,459	Dec 99	Jul 00

9. FUTURE PROJECTS:

a. Included in the following program (FY02):

Critical Utilities Control, Phase II-A	3,390
Substation 2 Upgrade	2,734

b. Included in the next three years (FY03, 04, 05):

OPS1 Stair Towers	2,588
Critical Utility Control, Phase II-B	1,842
FANX Perimeter Security	1,896
Upgrade CW Primary Distribution (electrical)	2,697

10. AGENCY OR MAJOR FUNCTION:

Agency activities are classified.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

a. Air Pollution	-0-
b. Water Pollution	-0-
c. Occupational Safety and Health	-0-

Point of Contact: Leonard D. Zellers, (301) 688-6550

1. Component NSA/CSS Defense	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 2000

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Fort George G. Meade, Maryland	Critical Utility Control Phase II

5 PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0301011G	821	4004	769

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
Primary Facility				420
Software, Integration & Hardware	LS			(420)
Supporting Facilities				349
Installation	LS			(264)
System Start-up and Training	LS			(85)
Subtotal				769
Total Contract Cost				769
Total Request				769

10. DESCRIPTION OF PROPOSED CONSTRUCTION

The Critical Utility Control Phase II project will extend the monitoring and control capabilities of the supervisory control and data acquisition system (SCADA) provided by the Critical Substation Control (CSC) and Critical Utilities Control Phase 1 (CUC1) projects to additional power systems which support critical mission functions within the Headquarters complex. The project will include the capability to monitor and control low voltage substations that directly support key Agency operational areas in the HQ, Tordella, OPS1, 2A and 2B buildings. A load shedding scheme shall be provided to allow site-generated power to be distributed to the most critical locations should off site power be lost. The system will include redundant hardware and communications links in order to maximize system availability. Integration with existing SCADA and energy monitoring and control system (EMCS) will also be included.

Critical Utility Control Phase II will be constructed within existing building spaces. The system will be comprised of hardware, software, integrated systems, graphic computer screens, locally installed interface devices, power meters, communication hubs, fiber optic cable, factory acceptance testing, hardware and software documentation, training, and miscellaneous supporting system components.

1. Component NSA/CSS Defense	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date February 2000

3. INSTALLATION AND LOCATION

Fort George G. Meade, MD

4. PROJECT TITLE	5. PROJECT NUMBER
Critical Utility Control, Phase II	**4004**

Proprietary items may be used where necessary to maintain compatibility of existing systems and to reduce maintenance and future repair expense.

11. Requirements: N/A

Project: This project will provide the capability to monitor and control low voltage substations that directly support several key Agency operational areas.

Requirements: This project is required to increase the reliability and availability of utility systems supporting critical mission functions in key operational areas within the Headquarters complex.

Current Situation: The aging nature of our facilities, combined with the increase in complexity of our utility systems, has produced increased system outages. It is highly probable that without remote monitoring and controlling capability, that mission related systems will experience an ever increasing number of outages – both in duration and frequency. As the utility systems are currently configured, they are not capable of providing reliable support to mission systems. When a problem occurs, personnel must make a field analysis of the situation and physically throw switches, breakers, etc. Little remote analysis can be done and no remote operational capability exists.

Impact If Not Provided: It is highly probable that without Critical Utility Control Phase II, critical mission utilities shall continue to experience a decease in utility systems reliability and availability which support key mission operations. The SCADA load shed scheme will not be fully implemented and capability to distribute site-generated power will be compromised. The Facilities Control Center will not have real time access to data concerning the status of electric utilities supporting critical mission elements.

Related Projects/Systems: This project is the third in a series of projects. The first two projects are FY 1995 Critical Substation Control and FY 1996 Critical Utility Control, Phase I.

Point of Contact: Leonadr D. Zellers, (301) 688-6550

1. Component NSA/CSS Defense	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date February 2000

3. INSTALLATION AND LOCATION

Fort George G. Meade, MD

4. PROJECT TITLE	5. PROJECT NUMBER
Critical Utilities Control, Phase II	**4004**

SUPPLEMENT DATA

A. DESIGN DATA (Estimated)

1. STATUS

a. Date Design Started	Aug 98
b. Percent Completed as of January 1, 1999	35%
c. Percent Completed as of October 1, 1999	65%
d. Date Design Completed	Apr 00

2. BASIS

a. Standard or Definite Design	Yes ___	No _X_
b. Where Design Was Most Recently Used	N/A	

3. COST ($000) = c = a + b = d + e	70
a. Production of Plans and Specifications	50
b. All Other Design Costs	20
c. Total	70
d. Contract	70
e. In-house	0
4. CONSTRUCTION START	Feb 2001

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated or Requested	Cost ($000)
N/A			

Point of Contact: Leonard D. Zellers, (301) 688-6550

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1 DEC 76

1. Component NSA/CSS Defense	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 2000

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Fort George G. Meade, Maryland	Route 32

5 PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0301011G	851	8669	3,459

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
Primary Work:	LS			1,572
Access Road				(400)
Upgrade Canine/Samford				(1,172)
Supporting Infrastructure:	LS			1,700
Utility Ductbank				(1,000)
Pedestrian Bridge				(300)
Stormwater Management				(400)
Subtotal				3,272
SIOH (5.7%)				187
Total Contract Cost				3,459
Total Request				3,459

10. DESCRIPTION OF PROPOSED CONSTRUCTION

This project is directly related to the Maryland State Highway Administration (MSHA) Route 32 Project and National Security Agency (NSA) Perimeter Security Anti-Terrorism (PSAT) Program. The project will upgrade Canine Road from the Canine/Samford interchange to Emory Road. This upgrade is necessary to support new traffic flows that will be created within the NSA campus. A new pedestrian bridge spanning over Canine Road will be constructed to provide safe access to VCC # 1 from the N-10 Parking Lot due to increased vehicular traffic expected. Additional support construction items include Agency contributions to MSHA for stormwater management structure(s), construction of a new road for vehicular access to the National Cryptologic Museum and National Vigilance Park public attractions, and a new utility ductbank to reroute communications utilities out of the planned roadwork construction path.

All necessary revisions to the existing roadway systems and utilities to accommodate the work will be included. Proprietary items will be used where necessary to maintain compatibility of roadway systems and to reduce maintenance and future repair expense.

NSA/CSS Defense	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date February 2000
3. INSTALLATION AND LOCATION	Fort George G. Meade, MD	
4. PROJECT TITLE	Route 32	5. PROJECT NUMBER 8669

11. Requirements: N/A

Project: This project will provide necessary capability to make the SHA Route 32 and Agency PSAT Programs complete and operational to fulfil Agency operations.

Requirements: This project is required to support key infrastructure functions within the Headquarters complex.

Current Situation: Route 32 is currently exposing vehicular traffic to unsafe at-grade intersections. The MD Route 32 project has been carefully planned by MSHA in conjunction with Agency needs. The Agency is partnering with MSHA and Corps of Engineers to ensure complete project success.

Impact if not provided: The Route 32 Upgrade Project being executed by the MSHA will not meet the Agency's safety and security needs.

Related Projects/Systems: This project is directly related to the Maryland State Highway Administration Route 32 Project and NSA's Perimeter Security Anti-Terrorism Program.

Point of Contact: Leonard D. Zellers, (301) 688-6550

1. Component NSA/CSS Defense	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date February 2000

3. INSTALLATION AND LOCATION

Fort George G. Meade, MD

4. PROJECT TITLE	5. PROJECT NUMBER
Route 32	**8669**

SUPPLEMENT DATA

A. DESIGN DATA (Estimated)

1. STATUS

a. Date Design Started	Dec 99
b. Percent Completed as of January 1, 2000	0%
c. Percent Completed as of October 1, 2000	100%
d. Date Design Completed	Jul 00

2. BASIS

a. Standard or Definite Design	Yes ___ No __X__
b. Where Design Was Most Recently Used	N/A

3. COST ($000) = c = a + b = d + e	350
a. Production of Plans and Specifications	222
b. All Other Design Costs	128
c. Total	350
d. Contract	350
e. In-house	0
4. CONSTRUCTION START	Nov 2000

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED
C. FROM OTHER APPROPRIATIONS:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated or Requested	Cost ($000)
N/A			

Point of Contact: Leonard D. Zellers (301) 688-6550

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FY 2001 MILITARY CONSTRUCTION, DEFENSE-WIDE
($ in Thousands)

State/Agency/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Ecuador				
Manta Air Base				
Expeditionary Rescue Station	2,200	2,200	N	143
Expeditionary Squadron Ops/AMU/Storage	2,600	2,600	N	145
Aircraft Maintenance Hangar/Nose Dock/Apron	6,723	6,723	N	147
Expeditionary Maintenance Facilities	4,900	4,900	N	149
Expeditionary Visiting Airmen Qtrs/Dining Fac	4,650	4,650	N	151
Expeditionary Visiting Officer Quarters	1,600	1,600	N	153
Aruba/Curacao				
Aruba				
Airfield Pavement/Rinse Facility	8,800	8,800	N	156
Exped. Maint. Facilities/AMU/Storage	860	860	N	158
Small Expeditionary Aircraft Maint Hangar/Apron	590	590	N	160
Curacao				
Airfield Pavement/Rinse Facility	29,500	29,500	N	163
Expeditionary Squadron Ops/AMU/Storage	2,200	2,200	N	165
Aircraft Maintenance Hangar/Nose Dock/Apron	9,200	9,200	N	167
Expeditionary Maintenance Facilities	3,000	3,000	N	169
Total	**76,823**	**76,823**		

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
AIR FORCE		February 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONST COST INDEX
MANTA AIR BASE, ECUADOR	AIR COMBAT COMMAND	0.00

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 Sep 99							6	14		20
b. End FY 2005	6	6					150	300		462

7. INVENTORY DATA ($000)

a. Total Acreage: (40)	
b. Inventory Total As Of: (30 SEP 99)	0
c. Authorization Not Yet In Inventory	38,600
d. Authorization Requested In This Program:	22,650
e. Authorization Included In Following Program: (FY 2002)	0
f. Planned In Next Three Program Years:	0
g. Remaining Deficiency:	0
h. Grand Total:	61,250

8. PROJECTS REQUESTED IN THIS PROGRAM: FY 2001

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
130-142	FIRE/CRASH RESCUE STATION	1,800 SM	2,200	TURN KEY	
141-753	SQUADRON OPS/AMU STORAGE	2,900 SM	2,600	TURN KEY	
211-175	AIRCRAFT MAINTENANCE HANGAR/ NOSE DOCK/APRON	3,347 SM	6,723	TURN KEY	
218-712	MAINTENANCE FACILITIES	1,986 SM	4,900	TURN KEY	
721-315	VISITING AIRMEN QUARTERS/DINING FACILITY	3,030 SM	4,650	TURN KEY	
724-417	VISITING OFFICER QUARTERS	1,500 SM	1,600	TURN KEY	
		TOTAL	22,673		

8a. Future Projects: Included in the Following Program (FY 2002) NONE

9b. Future Projects: Typical Planned Next Three Years:

10. Mission or Major Functions: Forward Operating Location which will host transient E-3, KC-135, P-3, C-130 and ARL Dash 7 aircraft in support of US SOUTHCOM's counterdrug mission.

11. Outstanding pollution and safety (OSHA) deficiencies:

a. Air pollution:	0
b. Water pollution:	0
c. Occupational safety and health:	0
d. Other Environmental:	0

12. Real Property Maintenance Backlog This Installation 0

DD FORM 1390, 1 DEC 76 Previous editions are obsolete.

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE		February 2000

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MANTA AIR BASE, ECUADOR	FIRE/CRASH RESCUE STATION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
2.88.89F	130-142	HACC003026	2,200

9. COST ESTIMATE

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
EXPEDITIONARY FIRE/CRASH RESCUE STATION	LS			1,156
FIRE/CRASH RESCUE STATION	SM	1,000	727	(727)
MAINTENANCE BAYS	SM	800	536	(429)
SUPPORTING FACILITIES				907
UTILITIES	LS			(341)
PAVEMENTS	LS			(391)
SITE	LS			(175)
SUBTOTAL				2,063
TOTAL CONTRACT COST				2,063
SIOH (6.5 %)				134
TOTAL REQUEST				2,197
TOTAL REQUEST (ROUNDED)				2,200

10. Description of Proposed Construction: Reinforced concrete foundation, metal modular structure with steel frame, insulated exterior, insulated roof system, metal stud/gypsum partitions, noise attenuation and PA system. Includes site improvements, utilities, pavements and all other necessary support.

11. REQUIREMENT: 1,800 SM ADEQUATE: 0 SUBSTANDARD: 0

PROJECT: Construct an Expeditionary Fire/Crash Rescue Station. (New Mission)

REQUIREMENT: In 1999, the Panama Canal Treaty was executed, resulting in the termination of US facilities and operations at Howard Air Force Base. The aircraft that operated out of Panama require alternate Forward Operating Locations (FOLs), or they lose the capability to carry out their mission to provide surveillance aircraft in support of Southern Command (SOUTHCOM), DoD, and other multi-agency counterdrug operations in the Source Zone (South America) and the Eastern Pacific. A properly sized and configured station will provide fire protection and fire fighting services for base facilities and aircraft crash rescue/fire fighting. The station will house all fire fighting equipment and crews, a central fire alarm system, command and control and crew quarters.

CURRENT SITUATION: Eloy Alfaro International Airport has two small fire stations. One is dedicated to support the civilian operations and the other is manned by Ecuadorian military and supports Manta Air Base. There are a total of two assigned fire/crash rescue vehicles. The station must be the equivalent of a fully equipped and manned Category 7 fire station to properly maintain and support the additional fire vehicles and personnel. The station must be properly configured to conform to NFPA administrative training standards needed to adequately support assigned aircraft.

IMPACT IF NOT PROVIDED: Adequate fire protection for Air Force facilities and aircraft will not be provided. Fire fighting effectiveness will be hampered by the lack of an adequate facility. Potential loss of Air Force lives and property due to slower response time.

ADDITIONAL: This project does not meet the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide" and Air Force Handbook 32-1084, "Facility Requirements". All known alternative options were considered during project development. No other option meets the mission requirements; therefore, no economic analysis was needed or performed. This project is required to comply with CINC SOUTHCOM concept of operations and Secretary of Defense guidance on counter drug operations.

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE		February 2000

3. INSTALLATION AND LOCATION	
MANTA AIR BASE, ECUADOR	
4. PROJECT TITLE	7. PROJECT NUMBER
FIRE/CRASH RESCUE STATION	HACC003026

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures:

(2) Basis:

(a) Standard or Definitive Design	NO
(b) Where Design was most recently used	N/A
(3) Design Allowance :	110
(3a) Contract Award	01 Jan
(4) Construction Start	01 Mar
(5) Construction Completion	02 Aug

(6) Energy Study/Life-Cycle analysis was/will be performed: No

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE		February 2000

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MANTA AIR BASE, ECUADOR	SQUADRON OPERATIONS/AMU/STORAGE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
2.88.89F	141-753	HACC003030	2,600

9. COST ESTIMATE

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
EXPEDITIONARY SQUAD OPS/AMU/STORAGE	LS			1,865
SQUADRON OPERATIONS/AMU	SM	1,600	729	(1,166)
MAINTENANCE STORAGE	SM	1,300	538	(699)
SUPPORTING FACILITIES				574
ELECTRICAL GENERATOR/UTILITIES	LS			(351)
MECHANICAL UTILITIES	LS			(130)
SITE IMPROVEMENTS	LS			(43)
CONCRETE FOUNDATIONS	LS			(50)
SUBTOTAL				2,439
TOTAL CONTRACT COST				2,439
SIOH (6.5 %)				159
TOTAL REQUEST				2,598
TOTAL REQUEST (ROUNDED)				2,600

10. Description of Proposed Construction: Expeditionary facility will be constructed on reinforced concrete foundation, and consist of modular metal exterior, and structural steel superstructure, insulated roof system, metal stud/gypsum partitions, HVAC, noise attenuation, prewired communications and power distribution system. Includes landscaping, site improvements, fire protection, and other support including infrastructure.

11. REQUIREMENT: 2,900 SM ADEQUATE: 0 SUBSTANDARD: 0

PROJECT: Construct expeditionary squadron operations/aircraft maintenance unit. (New Mission)

REQUIREMENT: A new 2,900 SM expeditionary multi-functional Squadron Operations and Air Maintenance Unit facility is required to support the aircraft assigned to the Manta Air Base, Ecuador, Forward Operating Location (FOL). In 1999, the Panama Canal Treaty was executed, resulting in the termination of US facilities and operations at Howard Air Force Base. The aircraft that operated out of Panama require alternate Forward Operating Locations (FOLs), or they lose the capability to carry out their mission to provide surveillance aircraft in support of Southern Command (SOUTHCOM), DoD, and other multi-agency counterdrug operations in the Source Zone (South America) and the Eastern Pacific. This facility is required to provide secure command and control, security police, medical, operational, and maintenance control support for the personnel supporting two E-3, two KC-135, three P-3, three ARL, and one Senior Scout (C-130) missions.

CURRENT SITUATION: Manta Air Base does not possess excess facility space. Facilities that are essential to exercising secure command and control of the FOL mission are not available.

IMPACT IF NOT PROVIDED: The inability to properly conduct basic command, operations, mission and maintenance briefings, training, and provide essential basic services would compromise the mission. The aircraft assigned to the FOL could not satisfactorily meet their mission requirements or comply with CINC SOUTHCOM's Concept of Operations violating the intent of DoD Ltr, Subject: Post Panama Counterdrug Operations, 16 Apr 99.

ADDITIONAL: This project does not meet the criteria/scope specified in Part II of Military Handbook 1190, "Facility Requirements". All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. This project is required to comply with CINC SOUTHCOM concept of operations and Secretary of Defense guidance on counter drug operations.

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE		February 2000

3. INSTALLATION AND LOCATION

MANTA AIR BASE, ECUADOR

4. PROJECT TITLE	7. PROJECT NUMBER
SQUADRON OPERATIONS/AMU/STORAGE	HACC003030

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures:

(2) Basis:

(a) Standard or Definitive Design — NO
(b) Where Design was most recently used — N/A

(3) Design Allowance : 130

(3a) Contract Award 01 Jan

(4) Construction Start 01 Mar

(5) Construction Completion 02 Aug

(6) Energy Study/Life-Cycle analysis was/will be performed: No

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE		February 2000

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MANTA AIR BASE, ECUADOR	AIRCRAFT MAINTENANCE HANGAR/NOSE DOCK/APRON

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
2.88.89F	211-175	HACC003024	6,723

9. COST ESTIMATE

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
MAINTENANCE HANGAR/NOSE DOCK/APRON	LS			4,663
AIRCRAFT MAINTENANCE HANGAR/NOSE DOCK	SM	2,603	1,770	(4,607)
ACCESS APRON	SM	744	75	(56)
SUPPORTING FACILITIES				1,618
UTILITIES	LS			(280)
PAVEMENTS	LS			(135)
SITE IMPROVEMENTS	LS			(85)
SPECIAL FOUNDATIONS	SM	2,603	208	(541)
FIRE PROTECTION	SM	2,603	176	(458)
TECHNICAL MANUALS	LS			(151)
SUBTOTAL				6,313
SIOH (6.5 %)				410
TOTAL REQUEST				6,723

10. Description of Proposed Construction: Reinforced concrete foundation on drilled piers, steel columns and joist, insulated exterior, insulated roof system, metal stud/gypsum partitions, noise attenuation, foam and dry pipe fire protection systems, compressed air system, and PA system. Apron is constructed of reinforced concrete. Includes landscaping, site improvements and all other necessary support.

11. REQUIREMENT: 3,347 SM ADEQUATE: 0 SUBSTANDARD: 0

PROJECT: Construct Aircraft Maintenance Hangar/Nose Dock and Access Apron. (New Mission)

REQUIREMENT: A high-bay maintenance hangar/E-3 nose dock with avionics, structural, electrical, mechanical, and wheel back shops is required to support E-3, KC-135, P-3, C-130, and Army low reconnaissance aircraft. In 1999, the Panama Canal Treaty was executed, resulting in the termination of US facilities and operations at Howard Air Force Base. The aircraft that operated out of Panama require alternate Forward Operating Locations (FOLs), or they lose the capability to carry out their mission to provide surveillance aircraft in support of Southern Command (SOUTHCOM), DoD, and other multi-agency counterdrug operations in the Source Zone (South America) and the Eastern Pacific. The maintenance hangar/nose dock is required to support scheduled maintenance and unscheduled emergency repair of assigned aircraft.

CURRENT SITUATION: Manta does not possess a maintenance hangar/nose dock large enough to provide maintenance support for assigned aircraft. Air base officials have indicated they cannot provide or share their limited facilities. Manta experiences a frequent combination of adverse weather conditions, which makes it dangerous and extremely uncomfortable for personnel performing maintenance in uncovered workspaces.

IMPACT IF NOT PROVIDED: Maintenance and emergency repair of aircraft cannot be accomplished under safe and control conditions. Missions may be delayed if maintenance is hampered by weather conditions. The morale of assigned maintenance personnel will be negatively impacted.

ADDITIONAL: This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide" and Air Force Handbook 32-1084, "Facility Requirements". All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. This project is needed to comply with the CINC SOUTHCOM concept of operations and Secretary of Defense guidance on counter drug operations.

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE		February 2000

3. INSTALLATION AND LOCATION

MANTA AIR BASE, ECUADOR

4. PROJECT TITLE	7. PROJECT NUMBER
AIRCRAFT MAINTENANCE HANGAR/NOSE DOCK/APRON	HACC003024

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures:

(2) Basis:

(a) Standard or Definitive Design — NO
(b) Where Design was most recently used — N/A

(3) Design Allowance : 335

(3a) Contract Award 01 Jan

(4) Construction Start 01 Mar

(5) Construction Completion 02 Aug

(6) Energy Study/Life-Cycle analysis was/will be performed: No

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE		February 2000

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MANTA AIR BASE, ECUADOR	MAINTENANCE FACILITIES

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
2.88.89F	218-712	HACC003028	4,900

9. COST ESTIMATE

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
EXPEDITIONARY MAINTENANCE FACILITIES	LS			1,035
AGE SHOP/STORAGE	SM	983	505	(497)
AGE ACCESS APRON	SM	465	123	(57)
REFUELING VEHICLE SHOP	SM	167	1,401	(234)
REFUELING PARKING PAD	SM	325	600	(195)
HAZARDOUS MATERIAL STORAGE	SM	46	1,130	(52)
SUPPORTING FACILITIES				3,569
UTILITIES	LS			(1,610)
PAVEMENTS/SITE IMPROVEMENTS	LS			(1,809)
TECHNICAL MANUALS	LS			(150)
SUBTOTAL				4,604
TOTAL CONTRACT COST				4,604
SIOH (6.5 %)				299
TOTAL REQUEST				4,903
TOTAL REQUEST (ROUNDED)				4,900

10. Description of Proposed Construction: AGE facilities with general storage and hazardous material storage will consist of reinforced concrete foundation systems with modular metal superstructure, insulated roof system, insulated interior, metal stud/gypsum partitions, and noise attenuation. Includes utilities, site improvements and pavement. AGE fueling station has associated 5000 gal storage tank.

11. REQUIREMENT: 1,986 SM ADEQUATE: 0 SUBSTANDARD: 0

PROJECT: Construct expeditionary maintenance facilities. (New Mission)

REQUIREMENT: The expeditionary modular metal maintenance facilities are required to support operations at Manta Forward Operating Location include: a 983 SM (502 SM Shop and 481 SM Storage) multi-functional AGE shop and 465 SM access apron, a 167 SM refueling vehicle shop and 325 SM parking apron, and a 46 SM hazardous material storage facility. In 1999, the Panama Canal Treaty was executed, resulting in the termination of US facilities and operations at Howard Air Force Base. The aircraft that operated out of Panama require alternate Forward Operating Locations (FOLs), or they lose the capability to carry out their mission to provide surveillance aircraft in support of Southern Command (SOUTHCOM), DoD, and other multi-agency counterdrug operations in the Source Zone (South America) and the Eastern Pacific. Multiple facilities are required to support scheduled maintenance and emergency repairs of AGE.

CURRENT SITUATION: Eloy Alfaro International Airport does not possess sufficient fuel storage or distribution systems capable of supporting assigned aircraft. Airport officials have indicated they cannot provide or share the limited facilities currently at the airfield. The other maintenance facilities do not exist.

IMPACT IF NOT PROVIDED: Unprotected AGE and refueling equipment will rapidly deteriorate in an extremely corrosive environment. Sorties may be cancelled or postponed due to lack of fuel support or functioning aerospace ground equipment. Maintenance personnel will not be able to properly repair or perform necessary maintenance on assigned aircraft.

ADDITIONAL: This project does not meet the criteria/scope specified in Par II of Military Handbook 1190, "Facility Planning and Design Guide" and Air Force Handbook 32-1084, "Facility Requirements". All known alternative options were considered during development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. This project is required to comply with CINC SOUTHCOM concept of operations and Secretary of Defense guidance on counter drug operations.

1. COMPONENT AIR FORCE	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 2000
3. INSTALLATION AND LOCATION MANTA AIR BASE, ECUADOR		
4. PROJECT TITLE MAINTENANCE FACILITIES		7. PROJECT NUMBER HACC003028

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures:

(2) Basis:

(a) Standard or Definitive Design	NO
(b) Where Design was most recently used	N/A
(3) Design Allowance :	245
(3a) Contract Award	01 Jan
(4) Construction Start	01 Mar
(5) Construction Completion	02 Aug

(6) Energy Study/Life-Cycle analysis was/will be performed: No

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE		February 2000

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MANTA AIR BASE, ECUADOR	VISITING AIRMEN QUARTERS/DINING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
2.88.89F	721-315	HACC003032	4,650

9. COST ESTIMATE

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
EXPEDITIONARY VISITING AIRMEN				
QUARTERS/DINING FACILITY	LS			2,460
VISITING AIRMEN DORMITORY	SM	2,100	727	(1,527)
DINING FACILITY	SM	930	1,003	(933)
SUPPORTING FACILITIES				1,905
UTILITIES	LS			(1,275)
PAVEMENTS	LS			(174)
SITE IMPROVEMENTS	LS			(386)
COMMUNICATIONS	LS			(70)
SUBTOTAL				4,365
TOTAL CONTRACT COST				4,365
SIOH (6.5 %)				284
TOTAL REQUEST				4,649
TOTAL REQUEST (ROUNDED)				4,650
EQUIP FROM OTHER APPROPRIATIONS (NON-ADD)				(550)

10. Description of Proposed Construction: Reinforced concrete foundation with modular metal insulated exterior, steel structure, insulated roof system, metal stud/gypsum partitions, HVAC, noise attenuation, and all communications pre-wiring and power distribution system. Includes landscaping, site improvements, and all other necessary support for complete and useable facilities.

11. REQUIREMENT: 3,030 SM ADEQUATE: 0 SUBSTANDARD: 0

PROJECT: Construct expeditionary Visiting Airmen Quarters/ Dining Facility. (New Mission)

REQUIREMENT: Manta requires an expeditionary modular Visiting Airmen Quarters/Dining Facility with separate rest rooms, administrative section, lounges, laundry rooms, exercise rooms, dining room, food preparation, storage, and administrative support areas. In 1999, the Panama Canal Treaty was executed, resulting in the termination of US facilities and operations at Howard Air Force Base. The aircraft that operated out of Panama require alternate Forward Operating Locations (FOLs), or they lose the capability to carry out their mission to provide surveillance aircraft in support of Southern Command (SOUTHCOM), DoD, and other multi-agency counterdrug operations in the Source Zone (South America) and the Eastern Pacific. This facility is required to provide adequate enlisted lodging and messing for the personnel who will perform the local mission.

CURRENT SITUATION: Eloy Alfaro International Airport does not possess Visiting Airmen Quarters or Dining Facilities that conform to USAF standards. The City of Manta has only one hotel which meets USAF billeting and messing standards. The hotel has approximately 50 rooms.

IMPACT IF NOT PROVIDED: Numerous military personnel would be exposed to unsafe, unsecure and potentially dangerous living and sanitary conditions. This would adversely effect the health and welfare of deployed personnel and negatively impact the mission.

ADDITIONAL: This project does not meet the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE		February 2000

3. INSTALLATION AND LOCATION

MANTA AIR BASE, ECUADOR

4. PROJECT TITLE	7. PROJECT NUMBER
VISITING AIRMEN QUARTERS/DINING FACILITY	HACC003032

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures:

(2) Basis:

(a) Standard or Definitive Design — NO
(b) Where Design was most recently used — N/A

(3) Design Allowance : 233

(3a) Contract Award 01 Jan

(4) Construction Start 01 Mar

(5) Construction Completion 02 Aug

(6) Energy Study/Life-Cycle analysis was/will be performed: No

b. Equipment associated with this project will be provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
Kitchen Equipment	3400	2001	550

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE		February 2000

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MANTA AIR BASE, ECUADOR	VISITING OFFICER QUARTERS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
2.88.89F	724-417	HACC003033	1,600

9. COST ESTIMATE

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
EXPEDITIONARY VISITING OFFICER QUARTERS	SM	1,500	729	1,094
SUPPORTING FACILITIES				408
UTILITIES	LS			(267)
PAVEMENTS	LS			(76)
SITE	LS			(65)
SUBTOTAL				1,502
TOTAL CONTRACT COST				1,502
SIOH (6.5 %)				98
TOTAL REQUEST				1,600
TOTAL REQUEST (ROUNDED)				1,600

10. Description of Proposed Construction: Reinforced concrete foundation with modular metal insulated exterior, steel structure, insulated roof system, metal stud/gypsum partitions, HVAC, noise attenuation, and all communications pre-wiring and power distribution system. Includes landscaping, site improvements, and all other necessary support for a complete and useable facility.

11. REQUIREMENT: 1,500 SM ADEQUATE: 0 SUBSTANDARD: 0

PROJECT: Construct expeditionary Visiting Officer's Quarters. (New Mission)

REQUIREMENT: In 1999, the Panama Canal Treaty was executed, resulting in the termination of US facilities and operations at Howard Air Force Base. The aircraft that operated out of Panama require alternate Forward Operating Locations (FOLs), or they lose the capability to carry out their mission to provide surveillance aircraft in support of Southern Command (SOUTHCOM), DoD, and other multi-agency counterdrug operations in the Source Zone (South America) and the Eastern Pacific. This facility is required to provide adequate officer quarters on Manta Air Base.

CURRENT SITUATION: Eloy Alfaro International Airport does not possess quarters that conform to USAF standards. The City of Manta has only one hotel, which meets USAF billeting and messing standards and it only has approximately 50 rooms. There will normally be a minimum TDY population of 250 personnel when operations start with the full concept of operations.

IMPACT IF NOT PROVIDED: Numerous military personnel would be exposed to unsafe, and insecure conditions in substandard motels and hotels. The lack of potable water within the city and unsanitary conditions of commercial eating facilities would adversely effect the health and welfare of deployed personnel and negatively impact the mission.

ADDITIONAL: This project does not meet the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE		February 2000

3. INSTALLATION AND LOCATION

MANTA AIR BASE, ECUADOR

4. PROJECT TITLE	7. PROJECT NUMBER
VISITING OFFICER QUARTERS	HACC003033

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures:

(2) Basis:

(a) Standard or Definitive Design	NO
(b) Where Design was most recently used	N/A
(3) Design Allowance :	80
(3a) Contract Award	01 Jan
(4) Construction Start	01 Mar
(5) Construction Completion	02 Aug

(6) Energy Study/Life-Cycle analysis was/will be performed: No

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
AIR FORCE		February 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONST COST INDEX
REINA BEATRIX INTERNATIONAL AIRPORT, ARUBA	AIR COMBAT COMMAND	1.00

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 Sep 99	1		1						2	4
b. End FY 2005	1		1						45	47

7. INVENTORY DATA ($000)

a. Total Acreage: (12)	
b. Inventory Total As Of: (30 SEP 99)	0
c. Authorization Not Yet In Inventory	0
d. Authorization Requested in This Program:	10,250
e. Authorization Included In Following Program: (FY 2002)	0
f. Planned In Next Three Program Years:	0
g. Remaining Deficiency:	0
h. Grand Total:	10,250

8. PROJECTS REQUESTED IN THIS PROGRAM: FY 2001

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
113-321	AIRFIELD PAVEMENT/RINSE FACILITY	38,295 SM	8,800	TURN KEY	
141-753	SQUADRON OPS/AMU STORAGE	920 SM	860	TURN KEY	
211-111	SMALL AIRCRAFT MAINTENANCE HANGAR/APRON	340 SM	590	TURN KEY	
		TOTAL	10,250		

9a. Future Projects: Included in the Following Program (FY 2002) NONE

9b. Future Projects: Typical Planned Next Three Years:

10. Mission or Major Functions: Forward Operating Location which will host transient E-3, KC-135, P-3, C-130 and ARL Dash 7 aircraft in support of US SOUTHCOM's counterdrug mission.

11. Outstanding pollution and safety (OSHA) deficiencies:

a. Air pollution:	0
b. Water pollution:	0
c. Occupational safety and health:	0
d. Other Environmental:	0

12. Real Property Maintenance Backlog This Installation 0

DD FORM 1390, 1 DEC 76 Previous editions are obsolete.

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE		February 2000

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
REINA BEATRIX INTERNATIONAL AIRPORT, ARUBA	AIRFIELD PAVEMENT/RINSE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
2.88.89F	113-321	HACC003022	8,800

9. COST ESTIMATE

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
AIRFIELD PAVEMENT/RINSE FACILITY	LS			6,368
PARKING APRON	SM	28,373	173	(4,909)
TAXIWAY	SM	9,146	128	(1,171)
RINSE FACILITY	SM	776	371	(288)
SUPPORTING FACILITIES				1,940
UTILITIES	LS			(1,125)
PAVEMENTS	LS			(95)
SITE IMPROVEMENTS	LS			(115)
SECURITY LIGHTING	LS			(502)
SECURITY FENCE	LM	675	153	(103)
SUBTOTAL				8,308
TOTAL CONTRACT COST				8,308
SIOH (6.5 %)				540
TOTAL REQUEST				8,848
TOTAL REQUEST (ROUNDED)				8,800

10. Description of Proposed Construction: Construct 14" PCC parking apron and taxiways with an aircraft rinse facility. Includes all utilities, site improvements, landscaping, security lighting, security fence, and all other support as necessary.

11. REQUIREMENT: 38,295 SM ADEQUATE: 0 SUBSTANDARD: 0

PROJECT: Construct an aircraft parking apron and taxiway with aircraft rinse facility. (New Mission)

REQUIREMENT: A new aircraft parking apron and associated taxiway with aircraft rinse facility are required to support Cessna Citation 550 aircraft. In 1999, the Panama Canal Treaty was executed, resulting in the termination of US facilities and operations at Howard Air Force Base. The aircraft that operated out of Panama require alternate Forward Operating Locations (FOLs), or they lose the capability to carry out their mission to provide surveillance aircraft in support of Southern Command (SOUTHCOM), DoD, and other multi-agency counterdrug operations in the Transit Zone (Caribbean).

CURRENT SITUATION: Reina Beatrix International Airport does not possess sufficient permanent aircraft parking space for assigned aircraft supporting SOUTHCOMs concept of operations. The airport has temporarily provided the west ramp but this area is inadequately sized to support the mission. Also, the west ramp will revert back to local airport officials within three years for future development. The ramp area does not provide adequate lighting or physical security.

IMPACT IF NOT PROVIDED: The Air Force mission to support US Customs surveillance aircraft in support of SOUTHCOM, DoD, the State Department, and multi-agency counterdrug operations will be severely impacted

ADDITIONAL: This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide" and Air Force Handbook 32-1084, "Facility Requirements". All known alternative options were considered during development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. This project is required to comply with CINC SOUTHCOM concept of operations and Secretary of Defense guidance on counterdrug operations.

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE		February 2000

3. INSTALLATION AND LOCATION

REINA BEATRIX INTERNATIONAL AIRPORT, ARUBA

4. PROJECT TITLE	7. PROJECT NUMBER
AIRFIELD PAVEMENT/RINSE FACILITY	HACC003022

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures:

(2) Basis:

(a) Standard or Definitive Design	NO
(b) Where Design was most recently used	N/A
(3) Design Allowance :	440
(3a) Contract Award	01 Jan
(4) Construction Start	01 Mar
(5) Construction Completion	02 Aug

(6) Energy Study/Life-Cycle analysis was/will be performed: No

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE		February 2000

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
REINA BEATRIX INTERNATIONAL AIRPORT, ARUBA	SQUADRON OPERATIONS/AMU/STORAGE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
2.88.89F	141-753	HACC003031	860

9. COST ESTIMATE

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
EXPEDITIONARY SQUAD OPS/AMU/STORAGE	LS			597
SQUADRON OPERATIONS/AMU	SM	550	725	(399)
MAINTENANCE STORAGE	SM	370	535	(198)
SUPPORTING FACILITIES				207
ELECTRICAL GENERATOR/UTILITIES	LS			(102)
MECHANICAL UTILITIES	LS			(35)
CONCRETE FOUNDATIONS/SITE WORK	LS			(40)
SITE IMPROVEMENTS	LS			(30)
SUBTOTAL				804
TOTAL CONTRACT COST				804
SIOH (6.5 %)				52
TOTAL REQUEST				856
TOTAL REQUEST (ROUNDED)				860
EQUIP FROM OTHER APPROPRIATIONS (NON-ADD)				(225)

10. Description of Proposed Construction: Expeditionary modular steel structure built on reinforced foundation system (or trailers), with insulated roof system, HVAC, noise attenuation, and pre-wired communications and power distribution system. Includes delivery, clearance of site, set-up including provision and installation of a generator, and connection to all associated utilities.

11. REQUIREMENT: 920 SM ADEQUATE: 0 SUBSTANDARD: 0

PROJECT: Construct expeditionary squadron operations/aircraft maintenance unit. (New Mission)

REQUIREMENT: In 1999, the Panama Canal Treaty was executed, resulting in the termination of US facilities and operations at Howard Air Force Base. The aircraft that operated out of Panama require alternate Forward Operating Locations (FOLs), or they lose the capability to carry out their mission to provide surveillance aircraft in support of Southern Command (SOUTHCOM), DoD, and other multi-agency counterdrug operations in the Transit Zone (Caribbean). This facility is required to support United States Customs Service and their two (2) P-3 aircraft and three (3) Cessna citations as well as provide a divert field for the United States Air Force aircraft from Curacao.

CURRENT SITUATION: Aruba International Airport does not possess any excess facility space. The existing temporary operations area is inadequately sized, and does not provide all needed communications and power support. In addition, the Customs unit will be required to relocate from their operations space to enable the airport to demolish and construct the last phase of their new terminal.

IMPACT IF NOT PROVIDED: The Air Force mission to support US Customs surveillance aircraft in support of SOUTHCOM, DoD, the State Department, and multi-agency counterdrug operations will be severely impacted

ADDITIONAL: This project does not meet the criteria/scope specified in Part II of Military Handbook 1190, "Facility Requirements". All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. This project is required to comply with CINC SOUTHCOM concept of operations and Secretary of Defense guidance on counterdrug operations.

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE		February 2000

3. INSTALLATION AND LOCATION

REINA BEATRIX INTERNATIONAL AIRPORT, ARUBA

4. PROJECT TITLE	7. PROJECT NUMBER
SQUADRON OPERATIONS/AMU/STORAGE	HACC003031

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures:

(2) Basis:

(a) Standard or Definitive Design — NO
(b) Where Design was most recently used — N/A

(3) Design Allowance : 43

(3a) Contract Award 01 Jan

(4) Construction Start 01 Mar

(5) Construction Completion 02 Mar

(6) Energy Study/Life-Cycle analysis was/will be performed: No

b. Equipment associated with this project will be provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
Communications Equipment	3400	2001	225

(computer generated)

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE		February 2000

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
REINA BEATRIX INTERNATIONAL AIRPORT, ARUBA	SMALL AIRCRAFT MAINTENANCE HANGAR/APRON

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
2.88.89F	211-111	HACC003025	590

9. COST ESTIMATE

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
SMALL EXPEDITIONARY AIRCRAFT MAINTENANCE HANGAR/APRON	LS			325
AIRCRAFT MAINTENANCE HANGAR	SM	340	882	(300)
ACCESS APRON	LS			(25)
SUPPORTING FACILITIES				233
UTILITIES	LS			(73)
SITE IMPROVEMENTS	LS			(60)
PAVEMENTS	LS			(100)
SUBTOTAL				558
TOTAL CONTRACT COST				558
SIOH (6.5 %)				36
TOTAL REQUEST				594
TOTAL REQUEST (ROUNDED)				590

10. Description of Proposed Construction: Modular three-sided metal building with associated concrete slab foundation, utilities, pavements, site improvements, and all other necessary support. Includes an access apron.

11. REQUIREMENT: 340 SM ADEQUATE: 0 SUBSTANDARD: 0

PROJECT: Construct a small expeditionary aircraft maintenance hangar/apron.(New Mission)

REQUIREMENT: An expeditionary aircraft maintenance hangar with apron is required to maintain Citation 550 aircraft. The hangar is required to support scheduled maintenance and emergency repair of assigned aircraft. In 1999, the Panama Canal Treaty was executed, resulting in the termination of US facilities and operations at Howard Air Force Base. The aircraft that operated out of Panama require alternate Forward Operating Locations (FOLs), or they lose the capability to carry out their mission to provide surveillance aircraft in support of Southern Command (SOUTHCOM), DoD, and other multi-agency counterdrug operations in the Transit Zone (Caribbean).

CURRENT SITUATION: Aruba International Airport does not possess spare hangar space. There are no facilities available for use as a maintenance hangar to perform maintenance and repair on the permanently assigned Citation aircraft.

IMPACT IF NOT PROVIDED: Mission requirements will be difficult to meet. There will also be an increased risk of aborted missions. Personnel morale will be negatively impacted due to austere working conditions.

ADDITIONAL: This project does not meet the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide" and Air Force Handbook 32-1084, "Facility Requirements". All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. This project is required to comply with CINC SOUTHCOM concept of operations and Secretary of Defense guidance on counter drug operations.

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE		February 2000

3. INSTALLATION AND LOCATION

REINA BEATRIX INTERNATIONAL AIRPORT, ARUBA

4. PROJECT TITLE	7. PROJECT NUMBER
SMALL AIRCRAFT MAINTENANCE HANGAR/APRON	HACC003025

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures:

(2) Basis:

(a) Standard or Definitive Design	NO
(b) Where Design was most recently used	N/A
(3) Design Allowance :	30
(3a) Contract Award	01 Jan
(4) Construction Start	01 Mar
(5) Construction Completion	02 Mar

(6) Energy Study/Life-Cycle analysis was/will be performed: No

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
AIR FORCE		February 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONST COST INDEX
HATO INTERNATIONAL AIRPORT, CURACAO	AIR COMBAT COMMAND	0.00

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 Sep 99	3	3					103	97		206
b. End FY 2005	5	5					110	170		290

7. INVENTORY DATA ($000)

a. Total Acreage: (27)	
b. Inventory Total As Of: (30 SEP 99)	0
c. Authorization Not Yet In Inventory	0
d. Authorization Requested In This Program:	43,900
e. Authorization Included In Following Program: (FY 2002)	0
f. Planned In Next Three Program Years:	0
g. Remaining Deficiency:	0
h. Grand Total:	43,900

8. PROJECTS REQUESTED IN THIS PROGRAM: FY 2001

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
113-321	AIRFIELD PAVEMENT/RINSE FACILITY	76,608 SM	29,500	TURN KEY	
141-753	SQUADRON OPERATIONS/AMU/STORAGE	2,600 SM	2,200	TURN KEY	
211-175	AIRCRAFT MAINTENANCE HANGAR/ NOSE DOCK/APRON	3,254 SM	9,200	TURN KEY	
218-712	MAINTENANCE FACILITIES	1,940 SM	3,000	TURN KEY	
		TOTAL	43,900		

9a. Future Projects: Included in the Following Program (FY 2002) NONE

9b. Future Projects: Typical Planned Next Three Years:

10. Mission or Major Functions: Forward Operating Location which will host transient E-3, KC-135, P-3, F-15, F-16 and C-130 aircraft in support of US SOUTHCOM's counterdrug mission.

11. Outstanding pollution and safety (OSHA) deficiencies:

a. Air pollution:	0
b. Water pollution:	0
c. Occupational safety and health:	0
d. Other Environmental:	0

12. Real Property Maintenance Backlog This Installation 0

DD FORM 1390, 1 DEC 76 Previous editions are obsolete.

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE		February 2000

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HATO INTERNATIONAL AIRPORT, CURACAO	AIRFIELD PAVEMENT/RINSE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
2.88.89F	113-321	HACC003021	29,500

9. COST ESTIMATE

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
AIRFIELD PAVEMENT/RINSE FACILITY	LS			13,121
PARKING APRON	SM	61,318	173	(10,608)
TAXIWAY	SM	14,514	128	(1,858)
BAK 12 INSTALLATION	LS			(367)
RINSE FACILITY	SM	776	371	(288)
SUPPORTING FACILITIES				14,675
UTILITIES/SECURITY LIGHTING	LS			(1,850)
PAVEMENTS	LS			(1,850)
SITE IMPROVEMENTS/SECURITY FENCE	LS			(9,975)
ENVIRONMENTAL REMEDIATION	LS			(1,000)
SUBTOTAL				27,796
TOTAL CONTRACT COST				27,796
SIOH (6.5 %)				1,807
TOTAL REQUEST				29,603
TOTAL REQUEST (ROUNDED)				29,500

10. Description of Proposed Construction: Construct standard aircraft parking apron, associated taxiway, and fighter aircraft rinse facility on the taxiway. Construction will be composed of 14" PCC, 8" drainage layer, 4" aggregate base, and 8" subbase consisting of compacted non-organic fill. Include BAK-12 arresting system with airfield lighting, security fence, and environmental remediation.

11. REQUIREMENT: 76,608 SM ADEQUATE: 0 SUBSTANDARD: 0

PROJECT: Construct airfield pavement/rinse facility. (New Mission)

REQUIREMENT: In 1999, the Panama Canal Treaty was executed, resulting in the termination of US facilities and operations at Howard Air Force Base. The aircraft that operated out of Panama require alternate Forward Operating Locations (FOLs), or they lose the capability to carry out their mission to provide surveillance aircraft in support of Southern Command (SOUTHCOM), DoD, and other multi-agency counterdrug operations in the Transit Zone (Caribbean). An aircraft parking ramp and taxiway are required to support permanently assigned fighter aircraft as well as E-3, C-130, and P-3 aircraft on an expeditionary basis.

CURRENT SITUATION: Hato International Airport does not possess sufficient permanent parking space for aircraft assigned to support the SOUTHCOM concept of operations in Curacao. The airport has given approval for the Air Force to use airport ramps H1 and H2, but only on a temporary basis. The airport will require these ramps within three years to support a new civilian terminal and aircraft parking plan. Ramps H1 and H2 are only large enough to accommodate six fighters and two large frame aircraft simultaneously.

IMPACT IF NOT PROVIDED: The aircraft assigned to Curacao will not have an adequate parking ramp. Curacao will not be usable as a FOL once the existing ramp, temporarily being used by the Air Force, is returned to local airport officials for future development.

ADDITIONAL: This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide" and Air Force Handbook 32-1084, "Facility Requirements". All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. This project is required to comply with CINC SOUTHCOM concept of operations and Secretary of Defense guidance on counterdrug operations.

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE		February 2000

3. INSTALLATION AND LOCATION

HATO INTERNATIONAL AIRPORT, CURACAO

4. PROJECT TITLE	7. PROJECT NUMBER
AIRFIELD PAVEMENT/RINSE FACILITY	HACC003021

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures:

(2) Basis:

(a) Standard or Definitive Design	NO
(b) Where Design was most recently used	N/A
(3) Design Allowance :	1,475
(3a) Contract Award	01 Jan
(4) Construction Start	01 Mar
(5) Construction Completion	02 Aug

(6) Energy Study/Life-Cycle analysis was/will be performed: No

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE		February 2000

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HATO INTERNATIONAL AIRPORT, CURACAO	SQUADRON OPERATIONS/AMU/STORAGE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
2.88.89F	141-753	HACC003029	2,200

9. COST ESTIMATE

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
EXPEDITIONARY SQUADRON OPERATIONS/AMU/STORAGE	LS			1,642
SQUADRON OPERATIONS/AMU	SM	1,300	727	(945)
MAINTENANCE STORAGE	SM	1,300	536	(697)
SUPPORTING FACILITIES				445
UTILITIES	LS			(270)
SITE IMPROVEMENTS	LS			(50)
SPECIAL FOUNDATIONS	LS			(70)
PAVEMENTS	LS			(55)
SUBTOTAL				2,087
TOTAL CONTRACT COST				2,087
SIOH (6.5 %)				136
TOTAL REQUEST				2,223
TOTAL REQUEST (ROUNDED)				2,200

10. Description of Proposed Construction: Concrete foundation, modular steel exterior, structural steel superstructure, insulated roof system, metal stud/gypsum partitions, noise attenuation, pre-wired communications and power distribution systems. Includes landscaping, site improvements, pavement, and all other necessary support.

11. REQUIREMENT: 2,600 SM ADEQUATE: 0 SUBSTANDARD: 0

PROJECT: Construct an expeditionary squadron operations/aircraft maintenance unit (AMU). (New Mission)

REQUIREMENT: An expeditionary multi-functional Squadron Operations and Aircraft Maintenance Unit facility is required to support the aircraft assigned to the Curacao Forward Operating Location (FOL). This facility is required to provide secure command and control, security police, transitory missions associated with assigned fighter aircraft, AWACS, KC-135, P-3, and Senior Scout (C-130) missions. In 1999, the Panama Canal Treaty was executed, resulting in the termination of US facilities and operations at Howard Air Force Base. The aircraft that operated out of Panama require alternate Forward Operating Locations (FOLs), or they lose the capability to carry out their mission to provide surveillance aircraft in support of Southern Command (SOUTHCOM), DoD, and other multi-agency counterdrug operations in the Transit Zone (Caribbean).

CURRENT SITUATION: Hato International Airport has no excess facility space to accommodate the required functions.

IMPACT IF NOT PROVIDED: Without facilities, the FOL could not satisfactorily meet mission requirements. Personnel and secure functions would be compromised.

ADDITIONAL: This project does not meet the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide" and Air Force Handbook 32-1084, "Facility Requirements". All known alternative options were considered during development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. This project is required to comply with CINC SOUTHCOM concept of operations and Secretary of Defense guidance on counter drug operations.

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE		February 2000

3. INSTALLATION AND LOCATION

HATO INTERNATIONAL AIRPORT, CURACAO

4. PROJECT TITLE	7. PROJECT NUMBER
SQUADRON OPERATIONS/AMU/STORAGE	HACC003029

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1). Project to be accomplished by design-build procedures:

(2) Basis:

(a) Standard or Definitive Design	NO
(b) Where Design was most recently used	N/A
(3) Design Allowance :	110
(3a) Contract Award	01 Jan
(4) Construction Start	01 Mar
(5) Construction Completion	02 Mar

(6) Energy Study/Life-Cycle analysis was/will be performed: No

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE		February 2000

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HATO INTERNATIONAL AIRPORT, CURACAO	AIRCRAFT MAINTENANCE HANGAR/NOSE DOCK/APRON

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
2.88.89F	211-175	HACC003023	9,200

9. COST ESTIMATE

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
MAINTENANCE HANGAR/NOSE DOCK/APRON	LS			6,705
AIRCRAFT MAINTENANCE HANGAR/NOSE DOCK	SM	2,510	2,634	(6,611)
ACCESS APRON	SM	744	126	(94)
SUPPORTING FACILITIES				1,918
UTILITIES	LS			(360)
PAVEMENTS	LS			(144)
SITE IMPROVEMENTS	LS			(79)
SPECIAL FOUNDATIONS	SM	2,510	256	(643)
FIRE PROTECTION	SM	2,510	216	(542)
TECHNICAL MANUALS	LS			(150)
SUBTOTAL				8,623
TOTAL CONTRACT COST				8,623
SIOH (6.5 %)				560
TOTAL REQUEST				9,183
TOTAL REQUEST (ROUNDED)				9,200

10. Description of Proposed Construction: High-bay maintenance hangar/nose dock includes reinforced concrete foundation on drilled piers, steel columns and joist, insulated exterior, insulated roof system, metal stud/gypsum partitions, noise attenuation, foam and dry pipe fire protection systems, compressed air system, and PA system. Reinforced concrete apron, site improvements and all other support as necessary.

11. REQUIREMENT: 3,254 SM ADEQUATE: 0 SUBSTANDARD: 0

PROJECT: Construct Aircraft Maintenance Hangar/Nose Dock and Access Apron. (New Mission)

REQUIREMENT: A high-bay maintenance hangar/E-3 nose dock with avionics, structural, electrical, mechanical, and wheel back shops are required to support E-3, KC-135, P-3, C-130, F-15, and F-16 aircraft. In 1999, the Panama Canal Treaty was executed, resulting in the termination of US facilities and operations at Howard Air Force Base. The aircraft that operated out of Panama require alternate Forward Operating Locations (FOLs), or they lose the capability to carry out their mission to provide surveillance aircraft in support of Southern Command (SOUTHCOM), DoD, and other multi-agency counterdrug operations in the Transit Zone (Caribbean).

CURRENT SITUATION: Hato International Airport does not possess a hangar/dock large enough to provide maintenance and emergency repair of assigned aircraft. Curacao experiences a frequent combination of windy and sunny weather that would make work conditions dangerous and extremely uncomfortable for maintenance personnel if a covered workspace was not provided. Airport officials have indicated they cannot provide or share their limited facilities.

IMPACT IF NOT PROVIDED: Maintenance and emergency repair of assigned aircraft would be accomplished under unsafe conditions. Mission delays may result if maintenance is halted for weather conditions. The morale of assigned personnel would be degraded.

ADDITIONAL: This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide" and Air Force Handbook 32-1084, "Facility Requirements". All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. This project is needed to comply with CINC SOUTHCOM concept of operations and Secretary of Defense guidance on counter drug operations.

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE		February 2000

3. INSTALLATION AND LOCATION

HATO INTERNATIONAL AIRPORT, CURACAO

4. PROJECT TITLE	7. PROJECT NUMBER
AIRCRAFT MAINTENANCE HANGAR/NOSE DOCK/APRON	HACC003023

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures:

(2) Basis:

(a) Standard or Definitive Design	NO
(b) Where Design was most recently used	N/A
(3) Design Allowance :	460
(3a) Contract Award	01 Jan
(4) Construction Start	01 Mar
(5) Construction Completion	02 Aug

(6) Energy Study/Life-Cycle analysis was/will be performed: No

b. Equipment associated with this project will be provided from other appropriations: N/A

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE		February 2000

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HATO INTERNATIONAL AIRPORT, CURACAO	MAINTENANCE FACILITIES

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
2.88.89F	218-712	HACC003027	3,000

9. COST ESTIMATE

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
EXPEDITIONARY MAINTENANCE FACILITIES	LS			1,121
AGE SHOP/STORAGE	SM	983	503	(494)
AGE ACCESS APRON	SM	465	129	(60)
VEHICLE REFUELING SHOP	SM	167	1,407	(235)
REFUELING PARKING PAD	SM	325	600	(195)
HYDRAZINE/CHAFF/FLARE/HAZ MAT STORAGE	LS			(137)
SUPPORTING FACILITIES				1,705
UTILITIES	LS			(770)
PAVEMENTS/SITE IMPROVEMENTS	LS			(780)
TECHNICAL MANUALS	LS			(155)
SUBTOTAL				2,826
TOTAL CONTRACT COST				2,826
SIOH (6.5 %)				184
TOTAL REQUEST				3,010
TOTAL REQUEST (ROUNDED)				3,000

10. Description of Proposed Construction: Facilities will consist of reinforced concrete foundation systems with modular metal exteriors, structural steel superstructures, insulated roof systems, insulated metal exteriors, metal stud/gypsum partitions, noise attenuation, utilities, pavements, site improvements, and all necessary support. Includes access apron, parking pad, and 5000 gal storage tank.

11. REQUIREMENT: 1,940 SM ADEQUATE: 0 SUBSTANDARD: 0

PROJECT: Construct expeditionary maintenance facilities. (New Mission)

REQUIREMENT: The following new expeditionary maintenance facilities are required to support the Curacao Forward Operating Location (FOL) mission: a 983 SM (502 SM Shop and 481 SM Storage) multi-functional Aerospace Ground Equipment (AGE) shop and access apron; a 167 SM refueling vehicle shop a 325 SM parking apron; a 46 SM hazardous material storage, 11 SM hydrazine storage, and 23 SM chaff/flare storage. In 1999, the Panama Canal Treaty was executed, resulting in the termination of US facilities and operations at Howard Air Force Base. The aircraft that operated out of Panama require alternate Forward Operating Locations (FOLs), or they lose the capability to carry out their mission to provide surveillance aircraft in support of Southern Command (SOUTHCOM), DoD, and other multi-agency counterdrug operations in the Transit Zone (Caribbean). Multiple facilities are required to support scheduled maintenance and emergency repair of AGE, resupply of hydrazine, vehicular refueling maintenance, and storage of chaff and flare, and hazardous materials.

CURRENT SITUATION: Curacao International Airport officials have indicated they cannot provide or share the limited AGE and vehicular refueling maintenance and storage facilities currently located at the airfield. The other maintenance facilities do not exist at Curacao.

IMPACT IF NOT PROVIDED: Unprotected AGE and refueling equipment will rapidly deteriorate in the extremely corrosive environment. Hydrazine, hazardous materials, and chaff and flare could not be safely stored in properly designed facilities. This presents a safety threat to personnel. The lack of proper maintenance may result in mission delays due to non-functioning equipment.

ADDITIONAL: This project does not meet criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide" and Air Force Handbook 32-1084, "Facility Requirements". All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. This project is required to comply with CINC SOUTHCOM concept of operations and Secretary of Defense guidance on counter drug operations.

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE		February 2000

3. INSTALLATION AND LOCATION

HATO INTERNATIONAL AIRPORT, CURACAO

4. PROJECT TITLE	7. PROJECT NUMBER
MAINTENANCE FACILITIES	HACC003027

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures:

(2) Basis:

(a) Standard or Definitive Design	NO
(b) Where Design was most recently used	N/A
(3) Design Allowance :	150
(3a) Contract Award	01 Jan
(4) Construction Start	01 Mar
(5) Construction Completion	02 Mar

(6) Energy Study/Life-Cycle analysis was/will be performed: No

b. Equipment associated with this project will be provided from other appropriations: N/A

FY 2001 MILITARY CONSTRUCTION, DEFENSE-WIDE
($ in Thousands)

State/Agency/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
California				
Naval Amphibious Base Coronado				
SOF Applied Instruction Facility	4,300	4,300	C	172
Naval Air Station North Island				
SOF Small Craft Berthing Facility	1,350	1,350	C	175
Florida				
Eglin Auxiliary Field 9				
SOF Airfield Readiness Improvements	3,000	3,000	C	179
SOF Hot Cargo Pad	7,354	7,354	C	181
SOF AGE Maintenance/Dispatch Complex	4,750	4,750	C	183
SOF Corrosion Control Facility	8,100	8,100	C	185
Kentucky				
Fort Campbell				
SOF Flight Simulator Facility	5,400	5,400	C	188
SOF Tactical Equipment Complex	6,400	6,400	C	190
SOF Equipment Maintenance Complex	4,500	4,500	C	193
North Carolina				
Fort Bragg				
SOF Media Operations Complex	8,600	8,600	C	196
Virginia				
Oceana Naval Air Station				
SOF Operations Support Facility	3,400	3,400	C	200
Little Creek Naval Amphibious Base				
SOF Air Operations Facility	5,400	5,400	C	204
Fleet Combat Training Center-Atlantic, Dam Neck				
SOF Operational Support Facility	5,500	5,500	N	206
Total Inside the United States	**68,054**	**68,054**		
Korea				
Taegu Air Base				
SOF Tactical Equipment Maint. Complex	1,450	1,450	C	209
Puerto Rico				
Roosevelt Roads Naval Air Station				
SOF Boat Maintenance Facility	1,241	1,241	C	213
Total Outside the United States	**2,691**	**2,691**		
Total	**70,745**	**70,745**		

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		FEB 2000
3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
NAVAL AMPHIBIOUS BASE CORONADO, CALIFORNIA	NAVAL SPECIAL WARFARE COMMAND	1.10

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 99	269	1,325	69	42	658					2,363
B. END FY 2006	293	1,462	97	42	658					2,552

7. INVENTORY DATA ($000)

A. TOTAL AREA (ACRES)	1,171
B. INVENTORY TOTAL AS OF SEP 99	24,300
C. AUTHORIZATION NOT YET IN INVENTORY	9,600
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	4,300
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE YEARS	14,396
G. REMAINING DEFICIENCY	12,200
H. GRAND TOTAL	64,796

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
171	P-212	SOF APPLIED INSTRUCTION FACILITY	4,300	06/99	07/00

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
a. Included in Following Program (FY02):		
NONE		
b. Planned Next Three Years:		
141	SOF SEAL TEAM OPERATIONS FACILITY	11,279
171	SOF TRAINING SUPPORT FACILITY ADDITION	3,117

10. MISSION OR MAJOR FUNCTION

Provide logistical, training and administrative support for various Navy and Marine Corps commands associated with amphibious missions including Navy Special Operations Forces (SOF).

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

Not Applicable

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2000

3. Installation and Location/UIC:	4. Project Title
NAVAL AMPHIBIOUS BASE CORONADO, CA	SOF APPLIED INSTRUCTION FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1180282BB	171	P-212	4,300

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				2,828
APPLIED INSTRUCTION FACILITY	M2	2,120	1,334	(2,828)
SUPPORTING FACILITIES				1,234
MECHANICAL UTILITIES	LS	--	--	(231)
ELECTRICAL UTILITIES	LS	--	--	(188)
SITE DEVELOPMENT/IMPROVEMENTS	LS	--	--	(392)
DEMOLITION (REMOVE/DISPOSAL)	LS	--	--	(423)
ESTIMATED CONTRACT COST				4,062
SUPERVISION, INSPECTION AND OVERHEAD (6%)				264
TOTAL REQUEST				4,326
TOTAL REQUEST (ROUNDED)				4,300
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				(431)

10. Description of Proposed Construction

Construct a steel-framed applied instruction facility on a concrete pile foundation for Naval Special Warfare Center (NAVSPECWARCEN) with associated utility connections and fire protection. Project will demolish existing Building 610 to make room for the new construction. Construction will provide the necessary modern classrooms, restrooms, storage, and administrative space with HVAC, plumbing, electrical, telecommunications and wiring for audio-visual equipment. Supporting facilities will include the necessary site development, utility extensions and connections and paved parking. Air conditioning: 115 kW.

11. Requirement: 8,200 M2 **Adequate:** 5,280 M2 **Substandard:** 0 M2

PROJECT: Construct a new 2,120 M2 applied instruction facility to support NAVSPECWARCEN's Special Operations Forces (SOF) curriculum at NAB Coronado.

REQUIREMENTS: NAVSPECWARCEN provides instruction and training for personnel of the U.S. Navy and other U.S. Armed Forces and allied military personnel in Naval Special Warfare operations. In addition to Basic Underwater Demolition/SEAL Basic, NAVSPECWARCEN also provides training in a growing number of advanced special operations courses.

CURRENT SITUATION: NAVSPECWARCEN's existing primary training facility was constructed in 1971 and is not configured or wired to support state-of-the-art audio-visual teaching equipment or training aids necessary to train the SEALs of the 21st century. Consequently, the existing facility is overcrowded and ill suited to meet the training needs of the Naval SOF community. No current facilities are available that can be utilized to fulfill this requirement.

IMPACT IF NOT PROVIDED: NAVSPECWARCEN's training facilities will remain antiquated, overcrowded and inadequate to perform the mission. As a result, the quality of Naval SOF training will be diminished and mission performance may be negatively impacted.

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2000

3. Installation and Location/UIC:	4. Project Title
NAVAL AMPHIBIOUS BASE CORONADO, CA	SOF APPLIED INSTRUCTION FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1180282BB	171	P-212	4,300

12. Supplemental Data:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started:	99 Jun
(b) Parametric Cost Estimates Used to Develop Costs:	Yes
(c) Percent Complete as of 00 Jan:	45%
(d) Date 35% Designed:	99 Nov
(e) Date Design Complete:	00 Jul

(2) Basis:

(a) Standard of Definitive Design:	No
(b) Where Design Was Most Recently Used:	N/A

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specification:	180
(b) All Other Design Costs:	270
(c) Total:	450
(d) Contract:	315
(e) In-House:	135

(4) Construction Start: 00 Dec

B. Equipment associated with this project will be provided from other appropriations:

	O & M, D-W	O & M, D-W
Amount:	$294,000	$137,000
Year:	FY 01	FY02

Project Engineer: Lieutenant Commander Bill Dunning
Telephone: (619) 437-0880

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		FEB 2000
3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
NAVAL AIR STATION NORTH ISLAND, CALIFORNIA	NAVAL SPECIAL WARFARE COMMAND	1.10

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 99	2	16	0	0	0	0	0	0	0	18
B. END FY 2006	2	26	0	0	0	0	0	0	0	28

7. INVENTORY DATA ($000)

A. TOTAL AREA (ACRES)	46,575
B. INVENTORY TOTAL AS OF SEP 99	0
C. AUTHORIZATION NOT YET IN INVENTORY	9,100
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	1,350
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE YEARS	0
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	10,450

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
155	P-760	SOF SMALL CRAFT BERTHING FACILITY	1,350	5/96	9/97

9. FUTURE PROJECTS

	CATEGORY CODE	PROJECT TITLE	COST ($000)
a. Included in Following Program (FY02):			
NONE			
b. Planned in Next Three Years:			
NONE			

10. MISSION OR MAJOR FUNCTION

Provide logistical, training and administrative support for various Navy and Marine Corps commands associated with Naval Aviation and Navy Special Operations Forces (SOF).

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

Not Applicable

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2000

3. Installation and Location/UIC:	4. Project Title
NAVAL AIR STATION NORTH ISLAND, CALIFORNIA	SOF SMALL CRAFT BERTHING FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1120222BB	155	P-760	1,350

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				1,109
FINGER PIER	M2	230	3,725	(871)
FLOATING DOCK	M2	209	1,140	(238)
SUPPORTING FACILITIES				140
SPECIAL CONSTRUCTION FEATURES	LS	--	--	(85)
ELECTRICAL UTILITIES	LS	--	--	(55)
ESTIMATED CONTRACT COST				1,249
SUPERVISION, INSPECTION AND OVERHEAD (6%)				81
TOTAL REQUEST				1,330
TOTAL REQUEST (ROUNDED)				1,350
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				(0)

10. Description of Proposed Construction

Construct a new 230 M2 reinforced concrete finger pier on pre-cast pre-stressed piles with an adjacent 209 M2 pre-cast concrete floating dock structure. Project will include all necessary utilities and site work.

11. Requirement: 439 M2 **Adequate:** 0 M2 **Substandard:** 0 M2

PROJECT: Construct a new reinforced concrete finger pier on pre-cast pre-stressed piles with adjacent pre-cast concrete floating dock structure that will allow for the quick and efficient launch and retrieval of MK V Special Operations Craft (SOC) with an existing marine straddle-lift.

REQUIREMENT: Provide permanent finger pier and floating dock to launch/retrieve eight MK V SOC boats. New facilities will provide permanent ready access to the MK V SOC operations support facility and enhance air embarkation capabilities, thus ensuring that these assets are ready and able to respond rapidly to world-wide contingencies.

CURRENT SITUATION: MK V SOC boats are currently launched and recovered from the water by utilizing costly, time consuming crane operations. Aircraft carriers assigned to North Island have priority for crane usage thus making the execution of MK V SOC retrieval/launch operations uncertain. In addition to being costly, this method of operation does not provide the reliability and timely response necessary for these craft to immediately respond to world-wide crises. Compounding the problem is the fact that crane operations are curtailed during windy or foul weather conditions.

IMPACT IF NOT PROVIDED: MK V SOC launch and retrieval operations will continue to be inefficiently conducted via the use of a hired Public Works Center's crane. The poor reliability of this method may impact the ability of these unique craft to respond to global operational tasking in the time required by the mission.

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2000

3. Installation and Location/UIC:	4. Project Title
NAVAL AIR STATION NORTH ISLAND, CALIFORNIA	SOF SMALL CRAFT BERTHING FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1120222BB	155	P-760	1,350

12. Supplemental Data:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started:	96 May
(b) Parametric Cost Estimates Used to Develop Costs:	No
(c) Percent Complete as of 00 Jan:	100%
(d) Date 35% Designed:	96 Aug
(e) Date Design Complete:	97 Sep

(2) Basis:

(a) Standard of Definitive Design:	No
(b) Where Design Was Most Recently Used:	N/A

(3) Total Cost (c) = (a) + (b) or (d) + (e):

	($000)
(a) Production of Plans and Specification:	130
(b) All Other Design Costs:	0
(c) Total:	130
(d) Contract:	90
(e) In-House:	40

(4) Construction Start: 00 Dec

B. Equipment associated with this project will be provided from other appropriations: N/A

Project Engineer: Lieutenant Commander Bill Dunning
Telephone: (619) 437-0880

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		FEB 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
EGLIN AUX FIELD 9, FLORIDA	AIR FORCE SPECIAL OPERATIONS COMMAND	0.82

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 99	1,022	5,399	495				192	744	42	7,894
B. END FY 2006	1,101	5,316	492				192	744	42	7,887

7. INVENTORY DATA ($000)

A. TOTAL AREA (ACRES)	6,634
B. INVENTORY TOTAL AS OF SEP 99	237,203
C. AUTHORIZATION NOT YET IN INVENTORY	11,000
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	23,204
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	8,227
F. PLANNED IN NEXT THREE YEARS	25,750
G. REMAINING DEFICIENCY	17,200
H. GRAND TOTAL	322,584

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
112	FTEV953004	SOF AIRFIELD READINESS IMPROVEMENTS	3,000	09/97	03/00
116	FTEV013002	SOF HOT CARGO PAD	7,345	07/99	03/00
211	FTEV983003	SOF CORROSION CONTROL FACILITY	8,100	08/99	07/00
218	FTEV973005	SOF AGE MAINTENANCE/DISPATCH COMPLEX	4,750	06/99	03/00

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
a. Included in Following Program (FY02):		
171	SOF CV-22 TRAINING DEVICE SUPPORT FAC	5,154
442	SOF READINESS SUPPLY PACKAGE FACILITY	3,073
b. Planned Next Three Years:		
131	SOF SPECIAL OPERATIONS COMMUNICATIONS FACILITY	3,162
211	SOF ALTER HANGAR FOR CV-22	1,979
141	SOF SQUAD OPERATIONS FACILITY	4,303
211	SOF CONVERT COMMANDO HANGAR	2,572
610	SOF LOGISTICS GROUP CONSOLIDATED FAC	6,818
610	SOF WING COMMAND/CONTROL CENTER	6,916

10. MISSION OR MAJOR FUNCTION

Various – Air Force Special Operations Command. The 16th Special Operations Wing with MC-130E/H (Combat Talon), AC-130H/U (Spectre Gunships), MH-53J (Pave Low III) helicopters, USAF Special Operations School; Special Mission Operations Test and Evaluation Center; USAF Air Ground Operations School; 823rd Civil Engineering Squadron (Red Horse); and Special Operations Weather Team.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

Not Applicable

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2000

3. Installation and Location/UIC:	4. Project Title
EGLIN AUX FIELD 9, FLORIDA	SOF AIRFIELD READINESS IMPROVEMENTS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
H20547BB	112	FTEV953004	3,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				
AIRFIELD READINESS IMPROVEMENTS	M2	38,500		2,555
TAXIWAY	M2	(13,000)	65	(845)
ASPHALT SHOULDERS	M2	(10,500)	70	(735)
APRON	M2	(15,000)	65	(975)
SUPPORTING FACILITIES				280
SITE IMPROVEMENTS	LS	--	--	(75)
DRAINAGE	LS	--	--	(55)
TAXIWAY LIGHTS	M	1,200	125	(150)
ESTIMATED CONTRACT COST				2,835
SUPERVISION, INSPECTION AND OVERHEAD (6%)				184
TOTAL REQUEST				3,019
TOTAL REQUEST (ROUNDED)				3,000
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				(0)

10. Description of Proposed Construction

Medium load 13" portland cement concrete, over 12" aggregate base, taxiway edge lighting, drainage, security lines and related pavement markings.

11. Requirement: 171,800 M2 **Adequate:** 133,300 M2 **Substandard:** 0 M2

PROJECT: Construct airfield readiness improvements. (Current Mission)

REQUIREMENT: A parallel apron and taxiway along the east apron is required for movement of helicopters from the runway, between parking spaces and to allow the safe movement of heavy aircraft during mobility requirement.

CURRENT SITUATION: Aircraft parking is inadequate for loading and unloading large bodied aircraft during deployments. The MH-53 and MH-60 rotary wing aircraft are located on the east apron to provide adequate parking on the west side for all MC-130 and AC-130 fixed wing aircraft. The helicopters cannot be towed from the east apron to the west apron for loading without damaging the helicopters.

IMPACT IF NOT PROVIDED: Movement of helicopters, readiness spare parts and materials will be delayed due to lack of access and parking for wide bodied aircraft during deployments. Operation Security (OPSEC) will be compromised because prolonged mobilization time will increase the public's awareness of real world deployments and operations.

ADDITIONAL: There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Instruction 32-1024, "Standard Facility Requirements". All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2000

3. Installation and Location/UIC:	4. Project Title
EGLIN AUX FIELD 9, FLORIDA	SOF AIRFIELD READINESS IMPROVEMENTS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1120547BB	112	FTEV953004	3,000

12. Supplemental Data:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started:	97 Sep
(b) Parametric Cost Estimates Used to Develop Costs:	Yes
(c) Percent Complete as of 00 Jan:	50%
(d) Date 35% Designed:	98 Oct
(e) Date design Complete:	00 Mar

(2) Basis:

(a) Standard of Definitive Design:	No
(b) Where Design Was Most Recently Used:	N/A

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications:	154
(b) All Other Design Costs:	95
(c) Total:	249
(d) Contracts:	166
(e) In-House:	83

(4) Construction Start: 01 Jan

B. Equipment associated with this project will be provided from other appropriations: N/A

Project Engineer: Mr. Dave Villane
Telephone: (904) 884-2260

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2000

3. Installation and Location/UIC:	4. Project Title
EGLIN AUX FIELD 9, FLORIDA	SOF HOT CARGO PAD

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1120547BB	116	FTEV013002	7,354

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				3,689
DANGEROUS CARGO PAD	M2	31,000	119	(3,689)
SUPPORTING FACILITIES				3,216
SECURITY LIGHTING	LS	--	--	(315)
APRON SHOULDERS	M2	17,501	17	(275)
SITE IMPROVEMENTS/DRAINAGE	LS	--	--	(475)
ACCESS ROAD	M2	5,000	109	(530)
PAVEMENT DEMOLITION/REMOVAL	LS	--	--	(150)
COMMUNICATIONS DUCT	LS	--	--	(41)
WETLANDS MITIGATIONS	LS	--	--	(1,430)
ESTIMATED CONTRACT COST				6,905
SUPERVISION, INSPECTION AND OVERHEAD (6%)				449
TOTAL REQUEST				7,354
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				(0)

10. Description of Proposed Construction

Provide medium-load portland cement concrete pavement over aggregate base, tiedowns, grounding, drainage area, taxiway lighting and related pavement markings. Project includes demolition of portions of existing pavement, wetlands remediation and/or mitigation and all other support.

11. Requirement: 43,900 M2 **Adequate:** 0 M2 **Substandard:** 12,900 M2

PROJECT: Construct a parking apron for loading munitions on wide bodied aircraft. (Current Mission)

REQUIREMENT: This project is required to enable two C-5s or three C-141s or six AC-130 gunships to be loaded simultaneously with munitions. It provides access taxiways, a munitions holding area, access road and space for aircraft support equipment.

CURRENT SITUATION: The existing hot cargo apron does not provide adequate space for the increasing number of AC-130 aircraft and support equipment. Only two AC-130s can be loaded simultaneously. It is not large enough to accommodate C-141s or C-5s. These aircraft must park on taxiways during munitions loading operations, impeding other aircraft traffic.

IMPACT IF NOT PROVIDED: Current assigned aircraft will continue to lack adequate munitions loading space. Wide bodied aircraft will continue to be loaded on taxiways, with longer turn around times and delays in mobility operations.

ADDITIONAL: There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Instruction 32-1024, "Standard Facility Requirements".

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2000

3. Installation and Location/UIC:	4. Project Title
EGLIN AUX FIELD 9, FLORIDA	SOF HOT CARGO PAD

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1120547BB	116	FTEV013002	7,354

12. Supplemental Data:

A. Estimated Design Data:

(1) Status:

(a) Date design Started:	99 Jul
(b) Parametric Cost Estimates Used to Develop Costs:	Yes
(c) Percent Complete as of 00 Jan:	35%
(d) Date 35% Designed:	99 Oct
(e) Date Design Complete:	00 Mar

(2) Basis:

(a) Standard of Definitive Design:	No
(b) Where Design Was Most Recently Used:	N/A

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specification:	373
(b) All Other Design Costs:	229
(c) Total:	602
(d) Contract:	402
(e) In-House:	200

(4) Construction Start: 01 Jan

B. Equipment associated with this project will be provided from other appropriations: N/A

Project Engineer: Mr. Dave Villane
Telephone: (904) 884-2260

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2000

3. Installation and Location/UIC:	4. Project Title
EGLIN AUX FIELD 9, FLORIDA	SOF CORROSION CONTROL FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1120547BB	211	FTEV983003	8,100

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				4,599
CORROSION CONTROL FACILITY	M2	3,250	1,415	(4,599)
SUPPORTING FACILITIES				3,032
UTILITIES	LS	--	--	(200)
PAVEMENTS	LS	--	--	(440)
SITE IMPROVEMENTS	LS	--	--	(270)
FIRE SUPPRESSION	M2	3,249	100	(325)
CONSTRUCT LARGE FACILITY	M2	609	1,125	(685)
CONSTRUCT COMMAND POST	M2	505	2,000	(1,010)
DEMOLISH BLDG/ASBESTOS REMOVAL	M2	850	120	(102)
ESTIMATED CONTRACT COST				7,631
SUPERVISION, INSPECTION AND OVERHEAD (6%)				496
TOTAL REQUEST				8,127
TOTAL REQUEST (ROUNDED)				8,100
EQUIPMENT FROM OTHER APPROPRIATIONS				(734)

10. Description of Proposed Construction

Concrete foundation and floor slab, steel high bay hangar and all necessary utility support. Includes paint storage, filtration system to prevent paint particles from escaping, breathing air to meet all pure air standards, emergency showers and eyewash stations, composite repair shop, administrative area, and fire protection. Includes demolition of two metal buildings. Air conditioning: 246 kW.

11. Requirement: 5,526 M2 **Adequate:** 2,274 M2 **Substandard:** 0 M2

PROJECT: Construct a corrosion control and composite repair facility. (Current Mission)

REQUIREMENT: An adequate, properly sized and configured facility is required for corrosion control and composite repairs for four different groups of assigned aircraft and 1,500 pieces of support equipment. Aircraft require spot painting every two months and composite repairs as required. Support equipment requires corrosion control annually beyond washing. Effective corrosion control requires chemical agents for proper cleaning, stripping, coating, and adherence. Composite repair requires a shop for saws, routers, vacuum control, heat blankets, grinders, flammable storage, freezers, refrigerators, staging areas for ramps and blade repairs and office space.

CURRENT SITUATION: Paint touchup of assigned aircraft is performed in the open air at the covered aircraft wash rack. Use of this facility for painting under existing conditions creates limiting capabilities for Hurlburt Field. Painting can only be done when climatic conditions are right. About half of the paints require temperatures between 60 and 90 degrees Fahrenheit and a relative humidity between 40 and 80 percent. Daytime conditions are unsuitable for this application about 80 percent of the time. Life and explosive safety requirements in hangars limit painting to spot painting and only after vacating the hangar of all unrelated personnel, deactiviating all unnecessary equipment, then using a limited quantity of paint per hour. No facilities currently exist to perform composite repairs. Composite repairs require strict environmental controls to

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2000

3. Installation and Location/UIC:	4. Project Title
EGLIN AUX FIELD 9, FLORIDA	SOF CORROSION CONTROL FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1120547BB	211	FTEV983003	8,100

CURRENT SITUATION (Cont'd): achieve mandated quality and prevent contamination to electronic components from carbon fibers.

IMPACT IF NOT PROVIDED: Aircraft paint touchup will continue to be performed in an inadequate facility, subjecting Hurlburt Field to possible fines and penalties by the State of Florida EPA. Painting operations will be severely delayed due to climatic conditions. Repairs to composite materials on CV-22 and other aircraft will not be possible on Hurlburt Field. This could result in mission impacts because of repair delays and increased expense associated with shipment of parts and aircraft assemblies.

ADDITIONAL: There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Instruction 32-1024, "Standard Facility Requirements". All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

12. Supplemental Data:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started:	99 Aug
(b) Parametric Cost Estimates Used to Develop Costs:	Yes
(c) Percent Complete as of 00 Jan:	35%
(d) Date 35% Designed:	99 Sep
(e) Date Design Complete:	00 Jul

(2) Basis:

(a) Standard or Definitive Design:	No
(b) Where Design Was Most Recently Used:	N/A

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications:	392
(b) All Other Design Costs:	241
(c) Total:	633
(d) Contract:	422
(e) In-house:	211

(4) Construction start: 01 Jan

B. Equipment associated with this project will be provided from other appropriations:

	O & M, D-W
Amount:	$734,000
Year:	FY02

Project Engineer: Mr. Dave Villane
Telephone: (904) 882-2260

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2000

3. Installation and Location/UIC:	4. Project Title
EGLIN AUX FIELD 9, FLORIDA	SOF AGE MAINTENANCE DISPATCH COMPLEX

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1120547BB	218	FTEV973005	4,750

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				
AGE MAINTENANCE/DISPATCH COMPLEX	M2	3,050		3,573
AGE SHOPS/STORAGE, WEST SIDE	M2	(1,800)	1,172	(2,110)
AGE SHOPS/STORAGE, EAST SIDE	M2	(1,250)	1,170	(1,463)
SUPPORTING FACILITIES				900
UTILITIES/SITE IMPROVEMENTS	LS	--	--	(190)
PAVEMENTS	LS	--	--	(220)
FUEL TANKS/FILL STATIONS/DIKES	LS	--	--	(275)
WETLANDS MITIGATION	LS	--	--	(215)
ESTIMATED CONTRACT COST				4,473
SUPERVISION, INSPECTION AND OVERHEAD (6%)				291
TOTAL REQUEST				4,764
TOTAL REQUEST (ROUNDED)				4,750
EQUIPMENT FROM OTHER APPROPRIATIONS				(441)

10. Description of Proposed Construction

Concrete foundation and floor slab, structural steel frame, masonry walls and sloping metal roof. Functional areas include maintenance, administration, bench stock, paint booth, latrines, storage, dispatch and break room. Includes utilities and all other necessary support. Install/relocate fuel tanks and fill stations, spill containment dikes and oil/water separators. Air conditioning: 190 kW.

11. Requirement: 4,737 M2 **Adequate:** 1,687 M2 **Substandard:** 0 M2

PROJECT: Construct an Aerospace Ground Equipment (AGE) Maintenance and Dispatch Complex (Current Mission)

REQUIREMENT: Adequate facilities are required to maintain all assigned powered and non-powered aircraft support equipment. The west side facility will have four Combat AGE Teams to support four C-130 squadrons with 91 personnel and 918 pieces of equipment. The east side facility will have two Combat AGE Teams with 38 personnel and 426 pieces of equipment to support two helicopter squadrons and the CV-22. Each facility requires space for fuel storage and servicing. The proposed shops provide space for inspection, maintenance, repair, servicing and painting of this equipment, and office space, classroom, storage, bench stock and dispatch areas. Paved open areas are required to store AGE after it has been repaired and is awaiting dispatch.

CURRENT SITUATION: The existing AGE facility provides less than 50 percent of space required to support AGE maintenance and storage requirements. Lack of space restricts establishing adequate bench stock to support the equipment and does not allow for installation of required bench mounted tools and test equipment. The existing facility will be converted for storage of off-aircraft equipment and parts. There is no facility on base that could be used or converted to use as an AGE facility to satisfy this requirement.

IMPACT IF NOT PROVIDED: Vital equipment and supplies will continue to deteriorate due to inability to issue repair parts in a timely manner. This problem becomes compounded with the split operation of helicopters and CV-22 on the east side and fixed-wing aircraft on the west side of runway.

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2000

3. Installation and Location/UIC:	4. Project Title
EGLIN AUX FIELD 9, FLORIDA	SOF AGE MAINTENANCE DISPATCH COMPLEX

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1120547BB	218	FTEV973005	4,750

ADDITIONAL: There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide". However, this project does meet the criteria/scope specified in Air Force Instruction 32-1024, "Standard Facility Requirements". All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

12. Supplemental Data:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started:	99 Jun
(b) Parametric Cost Estimates Used to Develop Costs:	Yes
(c) Percent Complete as of 00 Jan:	35%
(d) Date 35% Designed:	99 Aug
(e) Date Design Complete:	00 Mar

(2) Basis:

(a) Standard or Definitive Design:	No
(b) Where Design Was Most Recently Used:	N/A

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications:	265
(b) All Other Design Costs:	162
(c) Total:	427
(d) Contract:	285
(e) In-house:	142

(4) Construction Start: 01 Jan

B. Equipment associated with this project will be provided from other appropriations:

	O & M, D-W
Amount:	$441,000
Year:	FY02

Project Engineer: Mr. Dave Villane
Telephone: (904) 884-2260

2. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		FEB 2000

3. INSTALLATION AND LOCATION	5. COMMAND	5. AREA CONSTRUCTION COST INDEX
FORT CAMPBELL, KENTUCKY	U. S. ARMY SPECIAL OPERATIONS COMMAND	1.06

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 99	2,921	20,253	2,171	4	187	0	22	158	3,338	29,054
B. END FY 2006	2,935	20,433	2,156	7	172	0	22	158	3,338	29,221

7. INVENTORY DATA (5000)

A. TOTAL AREA (ACRES)	45,520
B. INVENTORY TOTAL AS OF SEP 99	388,554
C. AUTHORIZATION NOT YET IN INVENTORY	19,200
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	16,300
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE YEARS	9,843
G. REMAINING DEFICIENCY	50,290
H. GRAND TOTAL	484,187

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
171	49177	SOF FLIGHT SIMULATOR FACILITY	5,400	10/98	9/00
214	24428	SOF TACTICAL EQUIPMENT COMPLEX	6,400	10/98	9/00
214	37149	SOF EQUIPMENT MAINTENANCE COMPLEX	4,500	10/98	9/00

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
a. Included in Following Program (FY02):		
NONE		
b. Planned Next Three Years:		
171	SOF MISSION TRAINING FACILITY (RANGE 29)	4,896
141	SOF COMPANY OPERATIONS & SUPPLY FACILITY	4,947

10. MISSION OR MAJOR FUNCTION

Organize, train, equip, and validate readiness of special operations forces for world-wide deployment in support of the warfighting commanders-in-chief (CINCs).

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

Not Applicable

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2000

3. Installation and Location/UIC:	4. Project Title
FORT CAMPBELL, KENTUCKY	SOF FLIGHT SIMULATOR FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1120172BB	171	49177	5,400

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				4,123
SIMULATOR BUILDING	M2	2,490	1,606	(3,999)
BUILDING INFORMATION SYSTEMS	LS	--	--	(124)
SUPPORTING FACILITIES				970
ELECTRIC SERVICE	LS	--	--	(290)
WATER, SEWER, GAS	LS	--	--	(110)
PAVING, WALKS, CURBS AND GUTTERS	LS	--	--	(200)
STORM DRAINAGE	LS	--	--	(50)
SITE IMPROVEMENT (270) DEMOLITION (0)	LS	--	--	(270)
INFORMATION SYSTEMS	LS	--	--	(50)
ESTIMATED CONTRACT COST				5,093
SUPERVISION, INSPECTION AND OVERHEAD (6%)				331
TOTAL REQUEST				5,424
TOTAL REQUEST (ROUNDED)				5,400
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				(19,388)

10. Description of Proposed Construction

Construct a combat mission simulator facility. This facility will include operational areas, computer rooms, mission briefing and planning rooms, classrooms, library/learning center, projection areas, secure vault, sensitive compartmentalized information area, simulator modules, hydraulic pump rooms, maintenance areas, and parts/equipment storage areas. Work will include connection to the existing Energy Monitoring and Control System, installation of an intrusion detection system, and required building information systems. Supporting facilities will provide connection of the necessary utilities, electric service, fire protection and alarm systems, parking, access roads, sidewalks, curbs and gutters, storm drainage, information systems, and site improvements. Heating and air conditioning (700 kW) will be provided by self contained units.

11. Requirement: 5,150 M2 **Adequate:** 2,670 M2 **Substandard:** 0 M2

PROJECT: Construct a combat mission simulator facility.

REQUIREMENT: This project is required to provide facilities for aircrew training and mission rehearsal for Light Assault/Attack aircraft assets. These facilities will provide safe and practical training methods without the risk and cost associated with actual flight training. The training scenarios available in this facility will allow aircrews to fly "missions" with full-fidelity cockpit replication, aircraft performance models, correlated sensors, and interactive threat capability. Simulator training would enhance aircrew flight skills and decrease the amount of funding currently associated with actual flight time training.

CURRENT SITUATION: Currently, aviators train in actual aircraft. This method of training is very costly and increases the flight hour demands on the various units. This method also increases maintenance time and cost of the aircraft and reduces the number of mission available aircraft. A simulator facility will reduce the impact of several of these problems and reduce the safety risk associated with actual flight training. There are currently no facilities available at Fort Campbell to accommodate this type of simulator.

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2000

3. Installation and Location/UIC:	4. Project Title
FORT CAMPBELL, KENTUCKY	SOF FLIGHT SIMULATOR FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1120172BB	171	49177	5,400

IMPACT IF NOT PROVIDED: If this project is not provided, the aircrew training will continue to consume limited training time and resources. The safety risks associated with actual flight training will continue and aircraft maintenance time and cost will increase. Aviators will not have the advantage of training for various combat scenarios that are afforded by the simulator technology.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism measures are included.

12. Supplemental Data:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started:	98 Oct
(b) Parametric Cost Estimates Used to Develop Costs:	Yes
(c) Percent Complete as of 00 Jan :	35%
(d) Date 35% Designed:	99 May
(e) Date Design Complete:	00 Sep

(3) Basis:

(a) Standard of Definitive Design:	No
(b) Where Design Was Most Recently Used:	N/A

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specification:	325
(b) All Other Design Costs:	140
(c) Total:	465
(d) Contract:	350
(e) In-House:	115

(4) Construction Start: 00 Dec

B. Equipment associated with this project will be provided from other appropriations:

	O & M, D-W	RDT & E, D-W
Amount:	$144,000	$19,244,000
Date:	FY02	FY02

Project Engineer: Ms. Joyce Oglesby
Telephone: (910) 432-2902

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2000

3. Installation and Location/UIC:	4. Project Title
FORT CAMPBELL, KENTUCKY	SOF TACTICAL EQUIPMENT COMPLEX

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1120172BB	214	24428	6,400

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				4,944
VEHICLE MAINTENANCE SHOP	M2	1,800	1,325	(2,385)
CLASS III EQUIPMENT MAINTENANCE	M2	950	966	(918)
OIL STORAGE BUILDING	M2	30	867	(26)
HARDSTAND -ASPHALT	M2	22,630	58	(1,313)
HARDSTAND -CONCRETE	M2	2,860	63	(180)
BUILDING INFORMATION SYSTEMS	LS	--	--	(122)
SUPPORTING FACILITIES				1,109
ELECTRIC SERVICE	LS	--	--	(108)
WATER, SEWER, GAS	LS	--	--	(140)
PAVING, WALKS, CURBS AND GUTTERS	LS	--	--	(173)
STORM DRAINAGE	LS	--	--	(191)
SITE IMPROVEMENTS/DEMOLITION	LS	--	--	(420)
INFORMATION SYSTEMS	LS	--	--	(77)
ESTIMATED CONTRACT COST				6,053
SUPERVISION, INSPECTION & OVERHEAD (6%)				393
TOTAL REQUEST				6,447
TOTAL REQUEST (ROUNDED)				6,400
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				(186)

10. Description of Proposed Construction

Construct a consolidated regimental Tactical Equipment Complex to include a Vehicle Maintenance Shop with a bridge crane, heavy drop rigging, airfield service equipment repair and storage facility, oil storage, and hardstand. Supporting facilities include utilities, fire protection, storm drainage, communications, access drive, exterior lighting, walks, curbs and gutters, parking, fencing, and site improvements. Building demolition (1,530 M2) with asbestos removal is included in this project. Heat will be provided by a gas-fired self-contained system. Air conditioning (50 kW) for administrative areas will be provided by a self-contained system. Mechanical ventilation will be provided for maintenance bays and shop areas.

11. Requirement: 1,800 M2 **Adequate:** 0 M2 **Substandard:** 1,650 M2

PROJECT: Construct an organizational level Tactical Equipment Repair Complex for the 160th Special Operations Aviation Regiment.

REQUIREMENT: This project is required to provide facilities for the maintenance and repair of tactical vehicles and other equipment assigned to the 160th Special Operations Aviation Regiment (SOAR). The vehicle maintenance shop will provide repair bay and shop space to support 346 vehicles and 33 maintenance personnel. The airfield service equipment facility will provide space to repair and store refueling pumps, hoses, and support equipment utilized by the Class III/V platoon. A total of 44 persons will work in the Class III/V equipment repair and warehouse facility. The existing vehicle maintenance shops are located within the footprint of new construction planned by Fort Campbell.

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2000

3. Installation and Location/UIC:	4. Project Title
FORT CAMPBELL, KENTUCKY	SOF TACTICAL EQUIPMENT COMPLEX

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1120172BB	214	24428	6,400

CURRENT SITUATION: The 160th SOAR maintenance units utilize existing temporary World War II wood construction motor repair shops. These shops lack sufficient bay and shop space, overhead lift capability, adequate ventilation, and sufficient overhead clearance. Other factors which affect productivity and safety are poor lighting and high noise levels in the shop and bay areas. Because of these deficiencies, much work has to be performed outside on the gravel parking areas, often during periods of adverse weather. There are no fire protection systems for those shops and storage areas where millions of dollars of critical mission support equipment is maintained and stored. Sections of the structures were recently condemned as unsafe and demolished. Existing vehicle maintenance shops at Fort Campbell are utilized to capacity.

IMPACT IF NOT PROVIDED: If this project is not provided, the 160th SOAR will not have adequate and functional facilities to perform maintenance and repair on vehicles and other tactical airfield equipment. Without this project the unit will lose their current facilities due to being in the footprint of other future construction. High cost and difficult-to-replace special operations equipment is at risk in buildings with no fire protection systems. Lack of adequate maintenance facilities negatively impacts both quantity and quality of maintenance, soldier morale, and job safety, which can reduce the operational capabilities and readiness of the unit to perform its designated mission in support of the National Command Authority.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and required security improvements are included. This project complies with the scope and design criteria of the Army's Architectural and Engineering Instruction, "Design Criteria", dated July 1994.

12. Supplemental Data:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started:	98 Oct
(b) Parametric Cost Estimates Used to Develop Costs:	Yes
(c) Percent Complete as of 00 Jan:	35%
(d) Date 35% Designed:	99 May
(e) Date Design Complete:	00 Sep

(2) Basis:

(a) Standard of Definitive Design:	No
(b) Where Design Was Most Recently Used:	N/A

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specification:	350
(b) All Other Design Costs:	170
(c) Total:	520
(d) Contract:	400
(e) In-House:	120

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2000

3. Installation and Location/UIC:	4. Project Title
FORT CAMPBELL, KENTUCKY	SOF TACTICAL EQUIPMENT COMPLEX

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1120172BB	214	24428	6,400

(4) Construction Start: 00 Dec

B. Equipment associated with this project will be provided from other appropriations:

	O & M, D-W
Amount:	$186, 000
Year:	FY02

Project Engineer: Ms. Joyce Oglesby
Telephone: (910) 432-2902

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2000

3. Installation and Location/UIC:	4. Project Title
FORT CAMPBELL, KENTUCKY	SOF EQUIPMENT MAINTENANCE COMPLEX

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1120173BB	214	37149	4,500

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				3,756
VEHICLE MAINTENANCE SHOP	M2	1,640	1,450	(2,378)
DEPLOYMENT STORAGE BUILDING	M2	780	374	(292)
BOAT AND MOTOR STORAGE	M2	450	733	(330)
APRON, CONCRETE	M2	1,040	49	(51)
HARDSTAND, ASPHALT	M2	12,700	46	(584)
BUILDING INFORMATION SYSTEMS	LS	--	--	(121)
SUPPORTING FACILITIES	LS	--	--	419
ELECTRIC SERVICE	LS	--	--	(131)
WATER, SEWER, GAS	LS	--	--	(52)
STORM DRAINAGE	LS	--	--	(97)
SITE IMPROVEMENTS (102) DEMOLITION (0)	LS	--	--	(102)
INFORMATION SYSTEMS	LS	--	--	(37)
ESTIMATED CONTRACT COST		--	--	4,175
SUPERVISION, INSPECTION AND OVERHEAD (6%)		--	--	271
TOTAL REQUEST		--	--	4,446
TOTAL REQUEST (ROUNDED)				4,500
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				(122)

10. Description of Proposed Construction

Construct an Equipment Maintenance Complex to include a Vehicle Maintenance Shop with a bridge crane, Deployment Storage Building, Boat and Engine Storage Building, and asphalt hardstand expansion. Construction of the Vehicle Maintenance Shop will replicate an existing Tactical Equipment Shop within the complex and will consist of a prefabricated metal building with masonry curtain walls, concrete slab floors, and concrete footings. Storage buildings will consist of a prefabricated metal building and concrete floors with integral footings. Supporting facilities include storm drainage, security lighting, security fencing, utilities, and other site improvements. Ventilation is required for storage buildings. Air conditioning: 25 kW. Physically disabled accessibility is required for the vehicle maintenance shop only.

11. Requirement: 5,020 M2 **Adequate:** 2,150 M2 **Substandard:** 930 M2

PROJECT: Construct a Tactical Equipment Maintenance Complex, to include a Vehicle Maintenance Shop, Deployment Storage Building, Boat and Engine Storage Building, and expansion to the organization vehicle parking area for the 5th Special Forces Group (Airborne).
REQUIREMENT: This project is required to expand the existing organizational vehicle maintenance and parking areas to support the fielding of the Ground Mobility Vehicle (GMV), GMV trailers, boats, and engines for the 5th Special Forces Group (SFG). With the addition of the GMVs, the 5th SFGs total number of vehicles and trailers has expanded to 577; however, the existing hardstand provides parking for only 307 vehicles and trailers. The Deployment Storage Building is required to provide twelve additional modules to meet the total authorization of 20 modules for the Group. Eight Deployment storage modules were constructed under the FY89

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2000

3. Installation and Location/UIC:	4. Project Title
FORT CAMPBELL, KENTUCKY	SOF EQUIPMENT MAINTENANCE COMPLEX

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1120173BB	214	37149	4,500

REQUIREMENT (Cont'd): MILCON project Vehicle Maintenance Complex (Project Number 9136990). These additional requirements are due to the change of Special Forces Groups to the L-series, Table of Organization and Equipment (LTOE), and the addition of the Ground Mobility Vehicle (GMV) for specific Special Operations Groups. The amount of amphibious operations equipment assigned to the Group has also increased substantially since the current complex was designed. A separate storage facility is required to address boat storage problems. Use of an exisiting remote location is not a viable option due to the security required to prevent parts theft and command and control of the motor park assets.

CURRENT SITUATION: The 5th SFG currently occupies the vehicle maintenance complex constructed as a part of Project 9136990, FY89, Vehicle Maintenance Complex. The current complex does not provide adequate maintenance and parking areas to support the addition of the newly fielded GMVs and trailers. GMV maintenance is being performed in a WWII temporary wooden building. Deployment storage items are being stored in temporary structures throughout the installation.

IMPACT IF NOT PROVIDED: If this project is not provided, the vehicle maintenance of the GMV's will continue in a WWII temporary wood building. In addition, unit will not have sufficient organizational vehicle parking to support the fielding of the new GMV's and trailers. Vehicles will be parked in overcrowded arrangements, circulation lanes, and fire lanes in violation of the safety requirements and standards for parking of organizational vehicles. Existing remote hardstands will have to be utilized which degrade the unit's readiness because of loss of command and control of the motor park assets.

ADDITIONAL: Alternatives to new construction have been evaluated and deemed not feasible due to operational security. This project has been coordinated with the installation physical security plan, and all required physical security and/or combating terrorism measures have been included. This project complies with the scope and design criteria of Technical Instructions 800-01, dated 20 Jul 98.

12. Supplemental Data:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started:	98 Oct
(b) Parametric Cost Estimates Used to Develop Costs:	No
(c) Percent Complete as of Jan 2000:	35%
(d) Date 35% Designed:	99 May
(e) Date Design Complete:	00 Sep

(2) Basis:

(a) Standard of Definitive Design:	Yes
(b) Where Design Was Most Recently Used:	FortCampbell, KY

(3) Total Cost (c) = (a) + (b) or (d) + (e): ($000)

(a) Production of Plans and Specification: 250

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2000

3. Installation and Location/UIC:	4. Project Title
FORT CAMPBELL, KENTUCKY	SOF EQUIPMENT MAINTENANCE COMPLEX

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1120173BB	214	37149	4,500

(b) All Other Design Costs: 126
(c) Total: 376
(d) Contract: 300
(e) In-House: 76

(4) Construction Start: 00 Dec

B. Equipment associated with this project will be provided from other appropriations:

	O & M, D-W
Amount:	$122,000
Year:	FY02

Project Engineer: Ms. Joyce Oglesby
Telephone: (910) 432-2902

3. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		FEB 2000

3. INSTALLATION AND LOCATION	6. COMMAND	5. AREA CONSTRUCTION COST INDEX
FORT BRAGG, NORTH CAROLINA	U.S. ARMY SPECIAL OPERATIONS COMMAND	0.88

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 99	5,330	35,206	4,649	334	1,949	0	351	560	4,815	53,194
B. END FY 2006	5,348	35,329	4,545	386	1,875	0	351	560	4,813	53,207

7. INVENTORY DATA ($000)

A. TOTAL AREA (ACRES).	25,039
B. INVENTORY TOTAL AS OF SEP 99	579,485
C. AUTHORIZATION NOT YET IN INVENTORY	45,700
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	8,600
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	7,969
F. PLANNED IN NEXT THREE YEARS	37,573
G. REMAINING DEFICIENCY	51,570
H. GRAND TOTAL	730,897

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
141	44782	SOF MEDIA OPERATIONS COMPLEX	8,600	8/99	-/-

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
a. Included in Following Program (FY02):		
141	SOF OPERATIONS SUPPORT FACILITY	5,491
179	SOF TRAINING RANGE	2,478
b. Planned Next Three Years:		
141	SOF BATTALION OPERATIONS COMPLEX	6,332
141	SOF MISSION SUPPORT FACILITY	2,524
171	SOF CQCR REHAB	1,385
171	SOF TRAINING RANGE 37	5,138
171	SOF WEAPONS TRAINING FACILITY	10,077
171	SOF LANGUAGE SUSTAINMENT FACILITY	10,683
214	SOF MOTOR POOL EXPANSION	1,434

10. MISSION OR MAJOR FUNCTION

Organize, train, equip, and validate readiness of special operations forces for world-wide deployment in support of the warfighting commanders-in-chief (CINCs).

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

Not Applicable

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2000

3. Installation and Location/UIC:	4. Project Title
FORT BRAGG, NORTH CAROLINA	SOF MEDIA OPERATIONS COMPLEX

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1120174BB	141	44782	8,600

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				5,933
PRINT/MEDIA/RADIO FACILITY	M2	4,380	1,130	(4,949)
EMCS CONNECTIONS	LS	--	--	(110)
ASPHALT HARDSTAND	M2	12,100	23	(278)
CONCRETE HARDSTAND	M2	510	90	(46)
BUILDING INFORMATION SYSTEMS	LS	--	--	(550)
SUPPORTING FACILITIES				1,715
ELECTRIC SERVICE	LS	--	--	(460)
WATER, SEWER, GAS	LS	--	--	(175)
PAVING, WALKS, CURBS AND GUTTERS	LS	--	--	(45)
STORM DRAINAGE	LS	--	--	(180)
SITE IMPROVEMENTS (760) DEMOLITION (0)	LS	--	--	(760)
INFORMATION SYSTEMS	LS	--	--	(95)
ESTIMATED CONTRACT COST				7,648
SUPERVISION, INSPECTION AND OVERHEAD (6%)				496
DESIGN				450
TOTAL REQUEST				8,594
TOTAL REQUEST (ROUNDED)				8,600
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				(0)

10. Description of Proposed Construction

Design-build a media production complex which will include print, media and radio operations. This project will include intrusion detection systems for vaults, fire protection and detection systems, information systems, organizational equipment and privately owned vehicle parking, sidewalks, retaining walls, storm drainage, security fencing, landscaping, utilities, and other site improvements. Access for physically disabled will be required. Heating and air conditioning will be provided by self contained units. Estimated required air conditioning is 415 kW.

11. Requirement: 4,380 M2 **Adequate:** 0 M2 **Substandard:** 3,880 M2

PROJECT: Construct a 4th Psychological Operations Group (POG) media production complex.

REQUIREMENT: This project is required to house the company level production assets for the 4th POG. The unit is modernizing their print and media production as well as their communications/ radio capabilities with the latest digital equipment. The new equipment will permit quick, efficient responses to the needs of the CINCs. The mission requires space for video and radio production and transmission, mass production of video/radio media, storage, and administrative areas. The mission also requires space for print production, print presses, storage of print materials, and administrative personnel. The modular print vans are used on site in theater and to train personnel at the Fort Bragg facility. There are no other feasible alternatives on Fort Bragg to support this requirement.

CURRENT SITUATION: The current 3,400 M2 4th POG media and print facility is undersized and inadequate. The facility lacks sound-proofing needed to be able to conduct media production or radio broadcasts while the print presses are operating.

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2000

3. Installation and Location/UIC:	4. Project Title
FORT BRAGG, NORTH CAROLINA	SOF MEDIA OPERATIONS COMPLEX

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1120174BB	141	44782	8,600

CURRENT SITUATION (Cont'd): The facility lacks adequate power, communications and heating ventilation and air conditioning systems to support the latest digital equipment utilized by the unit. There is no area around the facility to park the modular print vans that must be close to the facility for production support. The 4th POG also occupies another 400 M2 in four temporary WWII wooden buildings. These excessively old and deteriorated temporary wooden buildings do not meet life safety building codes and security standards, lack adequate electrical, heating, ventilation, air conditioning, and basic plumbing. The latrines that are located in only a few buildings and facilities are undersized to support assigned personnel.

IMPACT IF NOT PROVIDED: If this project is not provided, 4th POG personnel will continue to operate in undersized, substandard, temporary facilities. Existing facilities will further deteriorate compromising safety and security considerations. Physical plant limitations will continue to degrade operational integrity and efficiency and will adversely impact mission accomplishment, organizational effectiveness, and retention of specially trained personnel.

ADDITIONAL: Alternatives to new construction have been evaluated and deemed not feasible. This project has been coordinated with the installation physical security plan, and all required physical security and/or anti-terrorism/force protection measures are included. This project complies with the scope and design criteria of the Technical Instruction 800-01 dated 20 Jul 98.

12. Supplemental Data:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started:	99 Aug
(b) Parametric Cost Estimates Used to Develop Costs:	Yes
(c) Percent Complete as of 00 Jan:	N/A Design-Build Contract
(d) Date 35% Designed:	N/A Design-build Contract
(e) Date Design Complete:	N/A Design-Build Contract

(4) Basis:

(a) Standard of Definitive Design:	No
(b) Where Design Was Most Recently Used:	N/A

	($000)
(3) Total Cost (c) = (a) + (b) or (d) + (e):	
(a) Production of Plans and Specification:	600
(b) All Other Design Costs:	156
(c) Total:	756
(d) Contract:	600
(e) In-House:	156

(4) Construction Start: 01 Jan

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2000

3. Installation and Location/UIC:	4. Project Title
FORT BRAGG, NORTH CAROLINA	SOF MEDIA OPERATIONS COMPLEX

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1120174BB	141	44782	8,600

B. Equipment associated with this project will be provided from other appropriations:

Project Engineer: Ms. Joyce Oglesby
Telephone: (910) 432-2902

4. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		FEB 2000

3. INSTALLATION AND LOCATION	7. COMMAND	5. AREA CONSTRUCTION COST INDEX
NAVAL AIR STATION OCEANA, VIRGINIA	NAVAL SPECIAL WARFARE COMMAND	0.92

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 99	44	397	57							498
B. END FY 2006	46	455	57							558

7. INVENTORY DATA ($000)

A. TOTAL AREA (ACRES)	0
B. INVENTORY TOTAL AS OF SEP 99	2,000
C. AUTHORIZATION NOT YET IN INVENTORY	0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	3,400
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE YEARS	0
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	5,400

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
211	P-349	SOF OPERATIONS SUPPORT FACILITY	3,400	07/99	06/00

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)

a. Included in Following Program (FY02):
NONE

b. Planned Next Three Years:
NONE

10. MISSION OR MAJOR FUNCTION

Provide logistical, training and administrative support for various Navy and Marine Corps commands associated with Naval Aviation and Navy Special Operations Forces (SOF).

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

Not Applicable

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2000

3. Installation and Location/UIC:	4. Project Title
NAVAL AIR STATION OCEANA, VIRGINIA	SOF OPERATIONS SUPPORT FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1120224BB	211	P-349	3,400

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				1,003
AIRCRAFT HANGAR	M2	2,654	310	(823)
SUPPORT SPACE	M2	260	657	(171)
TECHNICAL OPERATING MANUALS	LS	--	--	(9)
SUPPORTING FACILITIES	LS	--	--	2,227
SPECIAL CONSTRUCTION FEATURES	LS	--	--	(150)
ELECTRICAL UTILITIES	LS	--	--	(602)
MECHANICAL UTILITIES	LS	--	--	(240)
SITE IMPROVEMENTS	LS	--	--	(240)
PAVING	LS	--	--	(995)
ESTIMATED CONTRACT COST				3,278
SUPERVISION, INSPECTION AND OVERHEAD (6%)				210
TOTAL REQUEST				3,438
TOTAL REQUEST (ROUNDED)				3,400
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				(245)

10. Description of Proposed Construction

Construct a pre-engineered, steel-framed, concrete slab-on-grade, aircraft maintenance hangar with associated utility connections and fire protection to provide covered storage and maintenance facility for small transport craft. Construction includes adjacent pre-engineered support facility with interior partitions, HVAC, plumbing, electrical, telephone, and security systems for office spaces and locker rooms. Supporting facilities will include primary and secondary electrical distribution, water, sewer, site preparation, an access road, paved parking, and a concrete parking apron with a taxiway for aircraft. Air conditioning: 70 kW.

11. Requirement: 2,914 M2 **Adequate:** 0 M2 **Substandard:** 0 M2

PROJECT: Construct a pre-engineered hangar to provide covered storage and a maintenance facility for small transport aircraft. Included in the project is the construction of an adjacent pre-engineered support facility for aircrew members and maintenance personnel.

REQUIREMENT: Naval Special Warfare Command (NAVSPECWARCOM) has a mission requirement to hangar and maintain small transport aircraft in the Tidewater, Virginia area. The new hanger needs to be located at Naval Air Station Oceana to satisfy security and mission time sensitivity requirements,

CURRENT SITUATION: The requirement is currently being satisfied via leased hangar space at Norfolk International Airport. The time-critical nature and high level of security necessary for NAVSPECWARCOM missions makes commuting on crowded highways to a commercial facility a poor operational alternative.

IMPACT IF NOT PROVIDED: Naval Special Warfare Command will continue to lease facilities at Norfolk International Airport and incur the risk that a mission may be impacted due to a security compromise or a delay in arriving at the local commercial airport.

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2000

3. Installation and Location/UIC:	4. Project Title
NAVAL AIR STATION OCEANA, VIRGINIA	SOF OPERATIONS SUPPORT FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1120224BB	211	P-349	3,400

12. Supplemental Data:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started:	99 Jul
(b) Parametric Cost Estimate Used to Develop Costs:	Yes
(c) Percent Complete as of 00 Jan:	35%
(d) Date 35% Designed:	99 Dec
(e) Date Design Complete:	00 Jun

(2) Basis:

(a) Standard of Definitive Design:	No
(b) Where Design Was Most Recently Used:	N/A

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specification:	112
(b) All Other Design Costs:	168
(c) Total:	280
(d) Contract:	196
(e) In-House:	84

(4) Construction Start: 00 Nov

B. Equipment associated with this project will be provided from other appropriations:

	O & M, D-W
Amount:	$245,000
Year:	FY 01

Project Engineer: Lieutenant Commander Bill Dunning
Telephone: (619) 437-0880

5. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		FEB 2000

3. INSTALLATION AND LOCATION	8. COMMAND	5. AREA CONSTRUCTION COST INDEX
NAVAL AMPHIBIOUS BASE LITTLE CREEK, VIRGINIA	NAVAL SPECIAL WARFARE COMMAND	0.92

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 99	181	1,104	28							1,313
B. END FY 2006	201	1,190	44							1,435

7. INVENTORY DATA ($000)

A. TOTAL AREA (ACRES)	2,211
B. INVENTORY TOTAL AS OF SEP 99	30,852
C. AUTHORIZATION NOT YET IN INVENTORY	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	5,400
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE YEARS	23,907
G. REMAINING DEFICIENCY	2,300
H. GRAND TOTAL	62,459

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
211	P-404	SOF AIR OPERATIONS FACILITY	5,400	4/99	06/00

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
a. Included in Following Program (FY02):		
NONE		
b. Planned Next Three Years:		
131	SOF MOBILE COMMUNICATIONS TEAM FAC	3,480
141	SOF ADVANCED SEAL DELIVERY VEHICLE FACILITY	10,881
141	SOF SEAL TEAM OPERATIONS FACILITY	6,430
141	SOF CONSOLIDATED STORAGE FACILITY	3,116

10. MISSION OR MAJOR FUNCTION

Provide logistical, training and administrative support for various Navy and Marine Corps commands associated with amphibious missions including Navy Special Operations Forces (SOF).

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

Not Applicable

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2000

3. Installation and Location/UIC:	4. Project Title
NAVAL AMPHIBIOUS BASE LITTLE CREEK, VIRGINIA	SOF AIR OPERATIONS FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1120222BB	211	P-404	5,400

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				3,196
PARALOFT/PARACHUTE MAINTENANCE FACILITY	M2	3,016	1,010	(3,046)
BUILT-IN EQUIPMENT	LS	--	--	(100)
TECHNICAL OPERATING MANUALS	LS	--	--	(50)
SUPPORTING FACILITIES	LS	--	--	1,905
SPECIAL CONSTRUCTION FEATURES	LS	--	--	(940)
ELECTRICAL UTILITIES	LS	--	--	(50)
MECHANICAL UTILITIES	LS	--	--	(250)
ROADS, PARKING AND SIDEWALKS	LS	--	--	(370)
SITE IMPROVEMENTS	LS	--	--	(75)
DEMOLITION EXISTING PARALOFT TOWER	LS	--	--	(60)
RENOVATION OF BLDG. 3805	LS	--	--	(80)
ASBESTOS REMOVAL	LS	--	--	(80)
ESTIMATED CONTRACT COST				5,101
SUPERVISION, INSPECTION AND OVERHEAD (6%)				332
TOTAL REQUEST				5,433
TOTAL REQUEST (ROUNDED)				5,400
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				(833)

10. Description of Proposed Construction

Construct an air operations facility with a high, multi-purpose paraloft tower. The facility will include a high bay area with bridge crane, a steel-framed parachute drying tower, and a concrete masonry structure for operations, maintenance, training, administration, and storage. The building will be constructed with structural concrete slab-on-grade beams and pile foundation. Support features include associated utilities, telephone, and LAN connections; fire alarm and protection systems; climate control support systems; intrusion detection systems; associated roads, parking, and site improvements. Project will demolish the existing paraloft tower and renovate the remaining portion of existing building 3805. Air conditioning: 123 kW.

11. Requirement: 3,900 M2 **Adequate:** 685 M2 **Substandard:** 3,215 M2

PROJECT: Construct an air operations support, parachute maintenance, paraloft facility for Naval Special Warfare Group Two (NSWG-2).

REQUIREMENT: Provide adequate facilities for NSWG-2 to support air operations and maintenance requirements which include parachute packing, storage, drying, maintenance, lay-down, boat rigging, storage, administrative, and instructional areas.

CURRENT SITUATION: The current facility is inadequately sized and configured to support the air operations conducted by the east coast's Naval Special Warfare units. The current facility lacks the required storage space, which causes the majority of approximately 600 parachutes and related gear to be stored in 31 cargo shipping containers. Shipping containers are not capable of maintaining required temperature and humidity conditions. Limited facility size and poor configuration requires the technicians to open the exterior doors on either end of the building in

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2000

3. Installation and Location/UIC:	4. Project Title
NAVAL AMPHIBIOUS BASE LITTLE CREEK, VIRGINIA	SOF AIR OPERATIONS FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1120222BB	211	P-404	5,400

CURRENT SITUATION (Cont'd): order to stretch out and pack cargo parachutes, which are longer than the building. Cargo parachutes cannot be packed during inclement weather since they would become wet and thereby subject to mildew and rot.

IMPACT IF NOT PROVIDED: Air operations for east coast Naval Special Warfare Command personnel will continue to be significantly impacted by insufficient space for parachute repair, packing, wet/dry loft, team rooms, equipment maintenance, and instructional areas. Inadequate storage conditions subject parachutes and critical life safety equipment to accelerated deterioration and can shorten usable life from 12-13 years to 5-6 years while increasing the risk to personnel.

12. Supplemental Data:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started:	99 Apr
(b) Parametric Cost Estimates Used to Develop Costs:	Yes
(c) Percent Complete as of 00 Jan:	60%
(d) Date 35% Designed:	99 Jul
(e) Date Design Complete:	00 Jun

(2) Basis:

(a) Standard of Definitive Design:	No
(b) Where Design Was Most Recently Used:	N/A

(3) Total Cost (c) = (a) + (b) or (d) + (e):

	($000)
(a) Production of Plans and Specification:	240
(b) All Other Design Costs:	360
(c) Total:	600
(d) Contract:	420
(e) In-House:	180

(4) Construction Start: 00 Dec

B. Equipment associated with this project will be provided from other appropriations:

	O & M, D-W	O & M, D-W
Amount:	$490,000	$343,000
Year:	FY01	FY02

Project Engineer: Lieutenant Commander Bill Dunning
Telephone: (619) 437-0880

6. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		FEB 2000

7. INSTALLATION AND LOCATION	9. COMMAND	5. AREA CONSTRUCTION COST INDEX
FLEET COMBAT TRAINING CENTER-ATLANTIC DAM NECK, VIRGINIA	NAVAL SPECIAL WARFARE COMMAND	0.92

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 99	44	397	57							498
B. END FY 2006	46	455	57							558

7. INVENTORY DATA ($000)

A. TOTAL AREA (ACRES)	1,038
B. INVENTORY TOTAL AS OF SEP 99	48,967
C. AUTHORIZATION NOT YET IN INVENTORY	4,700
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	5,500
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE YEARS	1,682
G. REMAINING DEFICIENCY	25,800
H. GRAND TOTAL	86,649

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
143	P-245	SOF OPERATIONAL SUPPORT FACILITY	5,500	06/00	N/A (design-build)

CATEGORY CODE	PROJECT TITLE	COST ($000)
a. Included in Following Program (FY02):		
NONE		
b. Planned Next Three Years:		
422	SOF HIGH EXPLOSIVE MAGAZINE	1,682

10. MISSION OR MAJOR FUNCTION

Provide training in the operations, maintenance and employment of special tactical combat direction and control systems typical to Naval Special Operations.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

Not Applicable

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2000

3. Installation and Location/UIC:	4. Project Title
FLEET COMBAT TRAINING CENTER-ATLANTIC DAM NECK, VIRGINIA	SOF OPERATIONAL SUPPORT FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1120415BB	143	P-245	5,500

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				3,360
OPERATIONAL SUPPORT FACILITY	M2	2,500	1,344	(3,360)
SUPPORTING FACILITIES				1,125
SPECIAL CONSTRUCTION FEATURES	LS	--	--	(125)
ELECTRICAL UTILITIES	LS	--	--	(500)
MECHANICAL UTILITIES	LS	--	--	(250)
PAVING AND SITE IMPROVEMENTS	LS	--	--	(130)
DEMOLITION	LS	--	--	(120)
ESTIMATED CONTRACT COST				4,485
SUPERVISION, INSPECTION AND OVERHEAD (6%)				270
DESIGN				700
TOTAL REQUEST				5,455
TOTAL REQUEST (ROUNDED)				5,500
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				(0)

10. Description of Proposed Construction

Design-build an operational support facility constructed of insulated pre-cast concrete panels and supported by a structural steel framing on a concrete pile foundation. The facility will consist of a single-story high bay area with load out bays and storage areas. The remainder of the facility will be two-story and will contain training and administrative areas, shop space, conference areas, individual storage areas, dressing and shower rooms, and bathrooms. The facility will contain an elevator, Sensitive Compartmented Information Facility area, 8-ton bridge crane, a low-pressure compressed air system, heating, air conditioning, electrical and mechanical utilities, fire protection, and an emergency generator. The project also will extend the necessary civil, mechanical, and electrical utility systems to the new facility. Existing relocatable facilities that currently support this mission will be relocated and two existing buildings will be demolished to make room for the new construction.

11. Requirement: 2,500 M2 **Adequate:** 0 M2 **Substandard:** 0 M2

PROJECT: The project constructs a two-story building to support Naval Special Warfare ordnance operations.

REQUIREMENT: A facility is required to provide a safe working environment for operations personnel involved in research, development, testing, and evaluation of ordnance procedures. Administrative and storage space is necessary to support the unit's admin and planning functions and to accommodate the substantial quantity of administrative materials, testing equipment, and personnel gear required for the mission.

CURRENT SITUATION: Ordnance functions are currently conducted in poorly ventilated, confined and ill-configured relocateable facilities. These temporary facilities are considered to be uneconomical and inefficient means of satisfying this long-term facility requirement. Lack of storage space has forced mission essential test equipment and materials to be stored in Milvans or

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2000

3. Installation and Location/UIC:	4. Project Title
FLEET COMBAT TRAINING CENTER-ATLANTIC DAM NECK, VIRGINIA	SOF OPERATIONAL SUPPORT FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1120415BB	143	P-245	5,500

CURRENT SITUATION Cont'd): left unsheltered.

IMPACT IF NOT PROVIDED: Storage and use of materials and equipment in confined, poorly ventilated and ill-configured spaces will continue. Inadequate facilities will continue to erode readiness and may eventually impact unit's ability to perform its mission.

12. Supplemental Data:

A. Estimated Design Data

(1) Status:

(a) Date Design Started:	N/A Design Build Contract
(b) Parametric Cost Estimates Used to Develop Costs:	Yes
(c) Percent Complete as of 00 Jan:	N/A Design Build Contract
(d) Date 35% Designed:	N/A Design Build Contract
(e) Date Design Complete:	N/A Design Build Contract

(2) Basis:

(a) Standard of Definitive Design:	No
(c) Where Design Was Most Recently Used:	N/A

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specification:	450
(b) All Other Design Costs:	250
(c) Total:	700
(d) Contract:	600
(e) In-House:	100

(4) Construction Start: 00 Dec

B. Equipment associated with this project will be provided from other appropriations: N/A

Project Engineer: Lieutenant Commander Bill Dunning
Telephone (619) 437-0880

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		FEB 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
TAEGU AIR BASE, REPUBLIC OF KOREA	U.S. ARMY SPECIAL OPERATIONS COMMAND	1.08

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 99	0	0	0	0	0	0	0	0	0	0
B. END OF FY 2006	0	0	40	0	0	0	0	0	0	40

7. INVENTORY DATA ($000)

A. TOTAL AREA (ACRES)	
B. INVENTORY TOTAL AS OF SEP 99	0
C. AUTHORIZATION NOT YET IN INVENTORY	0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	1,450
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE YEARS	0
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	1,450

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
214	53102	SOF TACTICAL EQUIPMENT MAINTENANCE FACILITY	1,450	07/99	11/99

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
a. Included in Following Program (FY02):		
None		
b. Planned Next Three Program Years (new mission only):		
None		

10. MISSION OR MAJOR FUNCTION

Organize, train, equip, and validate readiness of special operations forces for world-wide deployment in support of the warfighting commanders-in-chief (CINCs).

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

Not Applicable

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2000

3. Installation and Location/UIC:	4. Project Title
FAR EAST DISTRICT - INST KOREA	SOF TACTICAL EQUIPMENT MAINTENANCE COMPLEX

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1120172BB	214	53102	1,450

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				810
VEHICLE MAINTENANCE SHOP	M2	560	1,325	(742)
DEPLOYMENT STORAGE BUILDING	M2	65	750	(49)
OIL STORAGE BUILDING	M2	11	750	(8)
ORGANIZATIONAL VEHICLE PARKING	M2	1,350	8	(11)
SUPPORTING FACILITIES				530
ELECTRIC SERVICE	LS	--	--	(20)
WATER, SEWER, GAS	LS	--	--	(9)
PAVING, WALKS, CURBS AND GUTTERS	LS	--	--	(21)
STORM DRAINAGE	LS	--	--	(20)
SITE IMPROVEMENTS (460) DEMOLITION (0)	LS	--	--	(460)
ESTIMATED CONTRACT COST				1,340
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				87
TOTAL REQUEST				1,427
TOTAL REQUEST (ROUNDED)				1,500
EQUIPMENT FROM OTHER APPROPRIATIONS				(25)

10. Description of Proposed Construction

Construct a Tactical Equipment Maintenance Complex consisting of a vehicle maintenance shop, deployment storage facility, POL storage building, and organizational vehicle parking. The vehicle maintenance shop will contain vehicle repair and service bays, administrative and shop control space, classroom, tool and repair parts storage areas, latrine facilities, a combination locker and break room, and necessary support space such as mechanical, electrical, and communications rooms. An asphalt overlay will be placed over existing asphalt pavement to provide a suitable parking surface. Supporting facilities include electrical service, water, sanitary sewer, security lighting, communications, industrial waste and storm sewer systems, concrete hardstands at the buildings, curbs, gutters, erosion control, landscaping, signage, fencing with gates, heating fuel storage tank with secondary containment, and other site improvements. Contaminated soil excavated during the course of construction will be removed and properly disposed of. Building will be equipped with a vapor detection, alarm, and venting system.

11. Requirement: 560 M2 **Adequate:** 0 M2 **Substandard:** 0 M2

PROJECT: Construct a Tactical Equipment Maintenance Complex consisting of a vehicle maintenance shop, deployment storage facility, POL storage building, and organizational vehicle parking.

REQUIREMENT: This project is required to provide permanent vehicle maintenance and storage facilities for the unit. The vehicle maintenance shop is required to repair and service the unit's assigned tactical wheeled vehicles. The deployment storage facility is required to store palletized loads and related field equipment for use during contingency operations. The POL storage building is required for storage of petroleum, oil, lubricants, and similar substances needed to support tactical vehicle maintenance activities. The organizational vehicle parking is required to provide a secure area for parking of assigned tactical vehicles. The unit's need to be fully trained and ready to

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2000

3. Installation and Location/UIC:	4. Project Title
FAR EAST DISTRICT - INST KOREA	SOF TACTICAL EQUIPMENT MAINTENANCE COMPLEX

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1120172BB	214	53102	1,450

REQUIREMENT (Cont'd deploy on short notice for theater-wide contingency operations requires that its tactical vehicles and support equipment be properly maintained and fully operational at all times.

CURRENT SITUATION: The installation has no existing facilities available to meet this unit's requirements for a vehicle maintenance shop or deployment storage facility. The approved project site is an existing vehicle parking area to take advantage of an existing asphalt hardstand that, with the addition of perimeter fencing, gates, security lighting, and storm drainage improvements, will meet the requirement for organizational vehicle parking. Soil and groundwater on the project site are contaminated with fuel oil. However, no suitable alternate sites are available.

IMPACT IF NOT PROVIDED: If this project is not provided, the unit will not have any facilities in which to perform maintenance and repairs on their assigned tactical vehicles, and will not have adequate space for storage of mission essential equipment. Vehicle maintenance would have to be performed outdoors, with a corresponding reduction in efficiency and/or effectiveness, and would negatively impact soldier morale and safety. These factors could potentially reduce the operational readiness of this unit to perform its assigned mission.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combating terrorism measures are included. This project complies with the scope and design criteria of DoD 4270.1-M, Construction Criteria, 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions, Design Criteria, dated July 1994. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible course of action to meet the requirement.

12. **Supplemental Data:**

A. Estimated Design Data:

(1) Status:

(a) Date Design Started:	99 Jul
(b) Parametric Cost Estimates Used to Develop Costs:	Yes
(c) Percent Complete as of 00 Jan:	60%
(d) Date 35% Designed:	99 Aug
(e) Date Design Complete:	99 Nov

(5) Basis:

(a) Standard of Definitive Design:	Modified Standard
(b) Where Design Was Most Recently Used:	N/A

(3) Total Cost (c) = (a) + (b) or (d) + (e):

(a) Production of Plans and Specification:	90
(b) All Other Design Costs:	45
(c) Total:	135
(d) Contract:	105
(e) In-House:	30

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2000

3. Installation and Location/UIC:	4. Project Title
FAR EAST DISTRICT - INST KOREA	SOF TACTICAL EQUIPMENT MAINTENANCE COMPLEX

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1120172BB	214	53102	1,450

12. Supplemental Data (Cont'd):

(4) Construction Start: 01 Jan

B. Equipment associated with this project will be provided from other appropriations:

	O & M, D-W
Amount:	$25,000
Year:	FY02

Project Manager: Ms. Joyce Oglesby
Telephone: (910) 432-2902

DD Form 1 Dec 76 1391C

1. COMPONENT 2. USSOCOM	FY 2001 MILITARY CONSTRUCTION PROGRAM	3. DATE FEB 2000
3. INSTALLATION AND LOCATION NAVAL STATION ROOSEVELT ROADS, PR	4. COMMAND NAVAL SPECIAL WARFARE COMMAND	5. AREA CONSTRUCTION COST INDEX 1.38

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 99	10	39	1	0	0	0	0	0	0	50
B. END FY 2006	10	39	1	0	0	0	0	0	0	50

7. INVENTORY DATA ($000)

A. TOTAL AREA (ACRES)	36
B. INVENTORY TOTAL AS OF SEP 99	11,977
C. AUTHORIZATION NOT YET IN INVENTORY	10,100
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	1,241
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE YEARS	0
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	23,318

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
213	P-257	SOF BOAT MAINTENANCE FACILITY	1,241	3/93	9/98

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
a. Included in the Following Program (FY02):		
NONE		
b. Planned in Next Three Years:		
NONE		

10. MISSION OR MAJOR FUNCTION

Provide logistical, training and administrative support for various Navy and Marine Corps commands including Navy Special Operations Forces (SOF).

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

Not Applicable

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2000

3. Installation and Location/UIC:	4. Project Title
NAVAL STATION ROOSEVELT ROADS, PUERTO RICO	SOF BOAT MAINTENANCE FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
11020108BB	213	P-257	1,241

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				1,165
BOAT MAINTENANCE FACILITY	M2	388	1.830	(710)
BOAT RAMP	LS	--	--	(259)
FINGER PIER	M2	260	762	(196)
ESTIMATED CONTRACT COST				1,165
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				76
TOTAL REQUEST				1,241
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				(0)

10. Description of Proposed Construction

Construct a pre-engineered, three-bay, steel-framed boat maintenance facility with a 2000-kg bridge crane. Project will include a new 12-meter wide concrete boat ramp and two, 140-foot long, concrete finger piers for boat launch and recovery operations. Facilities will be provided complete with necessary utilities, HVAC, lighting, and fire protection. Air conditioning: 40 kW.

11. Requirement: 388 M2 **Adequate:** 0 M2 **Substandard:** 0 M2

PROJECT: Construct a Special Operations Forces (SOF) boat maintenance facility with overhead crane, a boat ramp and two finger piers for Naval Special Warfare Unit FOUR (NSWU-4).

REQUIREMENT: NSWU-4 requires facilities to support the pre-deployment training for SEAL and SEAL Delivery Vehicle platoons, deployed and visiting special boat detachments from CONUS bases, and joint training with other SOF units. Water/boat operations are an essential element of the command's mission thus requiring the unit to have the capability to launch, recover, store and perform maintenance on Special Operations Forces (SOF) small craft.

CURRENT SITUATION: There are no dedicated facilities for boat maintenance and this function is currently performed in improvised spaces throughout the command. This workaround takes critical space from the command's dedicated SEAL platoon staging area and engineering function. The launch and recovery of SOF craft is mainly accomplished by utilizing costly and time consuming crane operations that must be coordinated and scheduled in advance with the host-base service provider.

IMPACT IF NOT PROVIDED: Boat operations for NSWU-4 will continue to be grossly inefficient and costly. Maintenance of SOF craft will continue to be performed in poorly configured improvised spaces. Lack of proper space for maintenance and storage of SOF boats will continue to erode the overall effectiveness of the maintenance program, increase boat downtime, and eventually shorten the crafts' usable life. Consequently, the training of SOF units will be negatively impacted and readiness will be degraded.

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2000

3. Installation and Location/UIC:	4. Project Title
NAVAL STATION ROOSEVELT ROADS, PUERTO RICO	SOF BOAT MAINTENANCE FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
11020108BB	213	P-257	1,241

12. Supplemental Data:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started:	93 May
(b) Parametric Cost Estimate Used to Develop Costs:	Yes
(c) Percent Complete as of 00 Jan:	100%
(d) Date 35% Designed:	93 Sep
(e) Date Design Complete:	98 Sep

(2) Basis:

(a) Standard of Definitive Design:	No
(b) Where Design Was Most Recently Used:	N/A

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specification:	70
(b) All Other Design Costs:	60
(c) Total:	130
(d) Contract:	100
(e) In-House:	30

(4) Construction Start: 00 Dec

B. Equipment associated with this project will be provided from other appropriations: N/A

Project Engineer: Lieutenant Commander Bill Dunning
Telephone: (619) 437-0880

FY 2001 MILITARY CONSTRUCTION, DEFENSE-WIDE
($ in Thousands)

State/Agency/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Unspecified Worldwide Locations				
Defense Level Activities				
Energy Conservation Investment Program	33,570	33,570	C	217
TOTAL	**33,570**	**33,570**		

FY 2001 ECIP Program

Component	Location	State	Project Description	PA($000)	SIR	YRS
Army	Ft Campbell	KY	Radiant Heaters, Phase 2	2,600	5.05	3.33
Army	Kwajalein	KJ	Upgrade AC Controls	680	4.57	2.10
Army	Stuttgardt	GE	Modernize UEMCS	1,800	4.39	1.30
Army	Kwajalein	KJ	Improve Building Efficiencies	650	4.35	3.90
Army	Aberdeen PG	MD	Steam Line Modifications	4,150	3.55	3.76
Army	Ft Leavenworth	KS	Boiler and Lighting Upgrades	570	3.07	4.47
Army	Ft Campbell	KY	Water System Improvements	920	2.95	5.69
Army	Ft Leavenworth	KS	Install EMCS	570	2.91	2.81
Army	Ft Rucker	AL	EMCS Expansion/Upgrade	500	2.65	3.10
				12,440		
Navy	San Clemente Island	CA	Facility Energy Improvements	1,503	6.07	2.88
Navy	Rota	SP	Lighting Systems	1,046	5.85	1.92
Navy	Andros Island	BA	Facility Energy Improvements	380	5.40	2.53
Navy	Bremerton	WA	Water Conservation	324	5.24	3.47
Navy	San Diego	CA	Facility Energy Improvements	376	4.90	3.02
Navy	Newport	RI	Facility Energy Improvements	685	4.75	2.81
Navy	Roosevelt Roads	RP	Facility Energy Improvements	1,600	4.64	2.98
Navy	Honolulu	HI	Lighting Systems	323	4.62	2.45
Navy	Andros Island	BA	Facility Energy Improvements	306	4.60	3.86
Navy	Rota	SP	Water Conservation	326	4.54	3.95
				6,869		
Air Force	Ramstein	GE	Facility Improvements	800	5.43	2.48
Air Force	Thule	GR	Waste heat recovery	1,200	4.79	3.96
Air Force	Kadena	JA	Facility Improvements	600	3.80	2.54
Air Force	Davis Monthan	AZ	Repair HVAC Controls	1,610	2.61	3.05
Air Force	Ascension	AS	Wind generation Ph II	4,550	2.52	7.17
Air Force	Azores		Wind generation	2,500	3.23	4.76
				11,260		
Mar Corps	Camp Lejeune	NC	Rplc Insul'n Stm&Condens Piping	500	9.93	1.30
Mar Corps	Albany	GA	Facility Energy Improvements	631	3.80	3.87
Mar Corps	Albany	GA	Elect Energy Sys Retrofit	356	3.71	3.97
				1,487		
Medical	Wright-Patt	OH	HVAC Upgrade	1,100	3.04	
WHS	Pentagon	VA	Solar Hot Water Heater	242	19.4	0.5
WHS	Pentagon	VA	Irrigation (RDF & Heliport)	151	1.6	3.6
				33,549		

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
		February 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Various	Secretary of Defense	Various

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A.										
B.										

7. INVENTORY DATA ($000)

A. TOTAL AREA

B. INVENTORY TOTAL AS OF

C. AUTHORIZATION NOT YET IN INVENTORY

D. AUTHORIZATION REQUESTED IN THIS PROGRAM

E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM

F. PLANNED IN NEXT THREE YEARS

G. REMAINING DEFICIENCY

H. GRAND TOTAL

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
Various		Defense Level Contingency Construction	$10,000	Various	Various

FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
Various	Defense Level Contingency Construction (FY 2002)	$10,000
Various	Defense Level Contingency Construction (FY 2002-2005)	$40,000

10. MISSION OR MAJOR FUNCTION

Various

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

Not Applicable ($000)

A. AIR POLLUTION

B. WATER POLLUTION

C. OCCUPATIONAL SAFETY AND HEALTH

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
		February 2000

3. Installation and Location/UIC:	4. Project Title
Various	Contingency Construction

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0109511D	N/A	N/A	Approp: $10,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
Construction of facilities in support of operations vital to the security of the United States				$10,000

10. Description of Proposed Construction

For FY 2001, $10 million is programmed to provide the Secretary of Defense with the capability to respond to unforeseen facilities requirements. This amount is required to undertake urgent, unforeseen military construction, the deferral of which is deemed inconsistent with national security interests.

The authority for the construction of these facilities is provided by Section 2804 of 10 U.S.C. Both the Armed Services and Appropriations Committees of the House and Senate will be notified by the Secretary of Defense, or his designee, immediately upon reaching a decision to undertake construction under this authority.

11 Requirement:

12. Supplemental Data:

DD Form 1 Dec 76 1391

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
		February 2000
3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Various	Secretary of Defense	Various

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A.										
B.										

7. INVENTORY DATA ($000)

A. TOTAL AREA	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZATION NOT YET IN INVENTORY	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
Various		Minor Construction	17,390	N/A	N/A

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
Various	Included in the following program (FY 2002)	19,000
	Included in the following program (FY 2002-2005)	75,000

10. MISSION OR MAJOR FUNCTION

Various

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

None

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
		February 2000

3. Installation and Location/UIC:	4. Project Title
Various	Minor Construction

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
N/A	N/A	N/A	17,390

9. COST ESTIMATES

Item		U/M	Quantity	Unit Cost	Cost ($000)
Unspecified Minor Construction		LS			$17,390
TRICARE Management Activity	(3,000)				
Defense Finance and Accounting Service	(1,500)				
Ballistic Missile Defense Organization	(3,694)				
Joint Chiefs of Staff	(6,196)				
Defense Level Activities	(3,000)				

10. Description of Proposed Construction

Budget Subactivity: Unspecified Minor Construction

Title 10 USC 2805 provides statutory authority to carry out minor military construction projects not otherwise authorized by law. A minor military construction project is a military construction project (1) that is for a single undertaking at a military installation; and (2) that has an approved cost equal to or less than the amount specified by law as the maximum amount of a minor military construction project, currently $1,500,000 per project. (Section 2811 of the DoD Authorization Act for Fiscal Year 1996 amended Section 2805 of title 10 USC to raise the threshold for unspecified minor construction projects to correct life, health, or safety deficiencies to $3,000,000).

11 Requirement:

The $17,390,000 for FY 2001 is considered a reasonable estimate to provide the numerous Defense Agencies and Activities supported by this account a capability to react to requirements for construction, alteration, or modification of facilities resulting from: (1) unforeseen situations affecting mission performance or safety of life or property; and (2) opportunities to attain greater efficiency of operation whereby investment costs are rapidly offset (amortized) through savings in maintenance and operation costs. A lump sum amount of $6,196,000 is included to support exercise related construction projects with funded costs of $1,500,000 or less for JCS sponsored exercises.

12. Supplemental Data:

a. Estimated design data: Not applicable.
b. Equipment provided from other appropriations: Not applicable.

DD Form 1 Dec 76 1391

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
		February 2000
3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Various	Secretary of Defense	Various

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A.										
B.										

7. INVENTORY DATA ($000)

A. TOTAL AREA.
B. INVENTORY TOTAL AS OF
C. AUTHORIZATION NOT YET IN INVENTORY
D. AUTHORIZATION REQUESTED IN THIS PROGRAM
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM
F. PLANNED IN NEXT THREE YEARS
G. REMAINING DEFICIENCY
H. GRAND TOTAL

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
Various		Planning and Design	78,605	N/A	N/A

9. FUTURE PROJECTS

ATEGORY CODE	PROJECT TITLE	COST ($000)
Various	Planning and Design (FY 2001)	50,000
Various	Planning and Design (FY 2002-2005)	200,000

10. MISSION OR MAJOR FUNCTION

N/A

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

N/A ($000)

A. AIR POLLUTION
B. WATER POLLUTION
C. OCCUPATIONAL SAFETY AND HEALTH

1. Component	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. Date
		February 2000

3. Installation and Location/UIC:	4. Project Title
Various	Planning and Design

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
N/A	N/A	N/A	$78,605

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
Planning and Design				$78,605
TRICARE Management Activity (22,000)				
Special Operations Command (3,790)				
Ballistic Missile Defense Organization (14,729)				
Defense Threat Reduction Agency (2,600)				
Office of the Secretary of Defense (2,900)				
Defense Intelligence Agency (6,786)				
Defense Logistics Agency (1,800)				
Defense Level Activities (24,000)				

10. Description of Proposed Construction

Funds are to be utilized for preparing plans and specifications for construction of the Defense Agencies and Secretary of Defense Activities.

11 Requirement:

The estimated costs for projects do not inlcude any amounts for feasibility studies, preliminary engineering or final plans and specifications. The accomplishment of the planning and design effort required to develop and execute the construction program for the Defense Activities is dependent on the provision of funds proposed by this item.

12. Supplemental Data:

None.

DD Form 1 Dec 76 1391

FAMILY HOUSING, DEFENSE-WIDE
FY 2001 BUDGET ESTIMATES

Table of Contents

Title	Page No.
PROGRAM SUMMARY	FH-1
APPROPRIATION LANGUAGE	FH-2
OPERATION AND MAINTENANCE	
Summary	FH-3
National Security Agency	FH-5
Defense Intelligence Agency	FH-8
Defense Logistics Agency	FH-11
LEASING	
Summary	FH-15
National Security Agency	FH-16
Defense Intelligence Agency	FH-18

62-743 00 - 26

PROGRAM SUMMARY
FAMILY HOUSING, DEFENSE-WIDE
FY 2001

(Dollars in Thousands)

	NSA	DIA	DLA	Total
New Construction	-	-	-	-
Improvements	-	-	-	-
Planning and Design	-	-	-	-
Subtotal Construction	-	-	-	-
Operation	1,084	3,564	791	5,439
Leasing	12,554	25,924	-	38,478
Maintenance	653	-	316	969
Subtotal O&M	14,291	29,488	1,107	44,886
Reimbursable Program	-	3,200	-	3,200
Total Program	14,291	32,688	1,107	48,086
Appropriation Request	14,291	29,488	1,107	44,886

APPROPRIATION LANGUAGE
FAMILY HOUSING, DEFENSE-WIDE
FY 2001

For expenses of family housing for the activities and agencies of the Department of Defense (other than the military departments) for construction, including acquisition, replacement, addition, expansion, extension and alteration and for operation and maintenance, leasing, and minor construction, as authorized by law, as follows: for Operation and Maintenance, $44,886,000.

Further, for the foregoing purposes, $44,886,000 to become available on October 1, 2000, for Operation and Maintenance, and debt payment.

OPERATION AND MAINTENANCE SUMMARY
FAMILY HOUSING, DEFENSE-WIDE
FY 2001

The Operation and Maintenance portions of the family housing program include maintenance and repair of government-owned housing units and associated real property; utility services; repair, replacement, transportation and handling of furniture and furnishings; refuse collection and disposal services; management services; and other miscellaneous support. Furnishings support for members of the Defense Attaché System are also included. The costs for leasing family housing units are separately addressed.

OPERATION AND MAINTENANCE SUMMARY
FAMILY HOUSING, DEFENSE-WIDE
(Excludes Leased Units and Costs)

Inventory Data	FY 1999	FY 2000	FY 2001
Units in Being Beginning of Year	418	406	406
Units in Being End of Year	406	406	406
Average Inventory for Year	412	406	406
Units Requiring O&M Funding			
a. Conterminous U.S.	213	213	213
b. U.S. Overseas	199	193	193
c. Foreign	-	-	-
d. Worldwide	412	406	406

	FY 1999 Actual		FY 2000 Estimate		FY 2001 Request	
Funding Requirements	Unit Cost* ($)	Total Cost ($000)	Unit Cost* ($)	Total Cost ($000)	Unit Cost* ($)	Total Cost ($000)
1. Operation						
a. Management	510	210	608	247	704	286
b. Services	1,323	545	1,256	510	1,212	492
c. Furnishings	6,175	2,544	9,433	3,830	10,177	4,132
d. Miscellaneous	444	183	145	59	158	64
Subtotal-Gross Obligations	8,451	3,482	11,443	4,646	12,251	4,974
Anticipated Reimbursements		17		388		400
Direct Obligations-Operation	8,451	3,465	11,443	4,258	12,251	4,574
2. Utilities Operation	1,925	793	2,288	929	2,131	865
Anticipated Reimbursements	-	-	-	-	-	-
Direct Obligations-Utilities	1,925	793	2,288	929	2,131	865
3. Maintenance						
a. M&R Dwellings	2,697	1,111	1,404	570	2,300	934
b. M&R Exterior Utilities		-	17	7	17	7
c. M&R Other Real Property	12	5	74	30	67	27
d. Alterations & Additions		-	2	1	2	1
Subtotal-Gross Obligations	2,709	1,116	1,498	608	2,387	969
Anticipated Reimbursements	-	-	-	-	-	-
Direct Obligations-Maintenance	2,709	1,116	1,498	608	2,387	969
Grand Total O&M	13,044	5,374	14,273	5,795	15,783	6,408

*Based on number of units requiring O&M funding.

NATIONAL SECURITY AGENCY
FAMILY HOUSING, DEFENSE-WIDE
PROGRAM SUMMARY
FY 2001

(Dollars in Thousands)

	FY 1999	FY 2000	FY 2001
New Construction	-	-	-
Improvements	50	50	-
Planning and Design	-	-	-
Construction Subtotal	50	50	-
Operations	781	514	640
Utilities	383	515	444
Maintenance	617	244	653
Leasing	11,570	13,299	12,554
O&M Subtotal	13,351	14,572	14,291
Reimbursable Program	-	-	-
Total Program	13,401	14,622	14,291

NATIONAL SECURITY AGENCY
FAMILY HOUSING, DEFENSE-WIDE
Operation and Maintenance Summary
(Excludes Leased Units and Costs)

Inventory Data	FY 1999	FY 2000	FY 2001
Units in Being Beginning of Year	205	193	193
Units in Being End of Year	193	193	193
Average Inventory for Year	199	193	193
Units Requiring O&M Funding			
a. Conterminous U.S.			
b. U.S. Overseas	199	193	193
c. Foreign			
d. Worldwide			

	FY 1999		FY 2000		FY 2001	
	Unit Cost* ($)	Total Cost ($000)	Unit Cost* ($)	Total Cost ($000)	Unit Cost* ($)	Total Cost ($000)
Funding Requirements						
1. Operations						
a. Management	0	0	0	0	78	15
b. Services	2,191	436	2,254	435	2,150	415
c. Furnishings	814	162	104	20	756	146
d. Miscellaneous	920	183	305	59	332	64
Subtotal-Gross Obligations	3,925	781	2,663	514	3,316	640
Anticipated Reimbursements	-	-	-	-	-	-
Direct Obligations-Operations	3,925	781	2,663	514	3,316	640
2. Utilities Operations	1,925	383	2,669	515	2,301	444
Anticipated Reimbursements	-	-	-	-	-	-
Direct Obligations-Utilities	1,925	383	2,669	515	2,301	444
3. Maintenance						
a. M&R Dwellings	3,075	612	1,238	239	3,321	641
b. M&R Exterior Utilities	-	-	-	-	-	-
c. M&R Other Real Property	25	5	26	5	62	12
d. Alterations & Additions	-	-	-	-	-	-
Subtotal-Gross Obligations	3,100	617	1,264	244	3,383	653
Anticipated Reimbursements	-	-	-	-	-	-
Direct Obligations-Maintenance	3,100	617	1,264	244	3,383	653
Grand Total O&M	8,950	1,781	6,596	1,273	9,000	1,737

*Based on number of units requiring O&M funding.

NATIONAL SECURITY AGENCY
FAMILY HOUSING DEFENSE-WIDE
Operation and Maintenance

The Operation portion of the family housing program for NSA includes maintenance, repair and replacement of furnishings; utility services; refuse collection and disposal; and administrative support at the installation level. Leasing costs are covered separately.

The Maintenance portion includes maintenance and repair of buildings and associated utilities systems, and other incidental improvements, including minor alteration and addition.

Reconciliation of Increases and Decreases

Operation

1. FY 2000 President's Budget Request	514
2. Price Growth	
a. Inflation	+8
b. Foreign Currency Change	0
3. Program Increase	
a. Due to increase in number of leased units	+118
4. FY 2001 President's Budget Request	640

Utilities

1. FY 2000President's Budget Request	515
2. Price Growth	
a. Inflation	+8
b. Foreign Currency Change	0
3. Program Decrease	
a. Anticipated savings	-79
4. FY 2001 President's Budget Request	444

Maintenance

1. FY 2000 President's Budget Request	244
2. Price Growth	
a. Inflation	4
b. Foreign Currency Change	0
3. Program Increase (Funding realignment from Leasing account)	+405
4. FY 2001 President's Budget Request	653

DEFENSE INTELLIGENCE AGENCY
FAMILY HOUSING, DEFENSE-WIDE
PROGRAM SUMMARY
FY 2001

(Dollars in Thousands)

	FY 1999	FY 2000	FY 2001
New Construction	-	-	-
Improvements	-	-	-
Planning and Design	-	-	-
Construction Subtotal	-	-	-
Operations	2,279	3,401	3,564
Utilities	-	-	-
Maintenance	-	-	-
Leasing	17,690	22,132	25,924
O&M Subtotal	19,969	25,533	29,488
Reimbursable Program	1,189	3,100	3,200
Total Program	21,158	28,633	32,688

One of the missions of the Defense Intelligence Agency (DIA) is the Defense Attaché System. The missions of the Defense Attaché System are to: (1) observe and report military and politico-military information; (2) represent the DOD and the military services; (3) administer military assistance programs and foreign military sales as directed; and (4) advise the U.S. Ambassador on military and politico-military matters. These missions are accomplished through the Defense Attaché Offices, which are organic elements of the U.S. Diplomatic Missions.

Housing of the attaches and their support staff is controlled by the U.S. Embassy housing board at a level of expense and square footage that is equivalent to their Department of State counterparts.

The DIA's Budget Submission for the FY 2001 Family Housing Program funds 500 government leases (of which 147 are high cost leases) at Defense Attaché Offices (DAO) worldwide. These funds provide for all lease costs which include utilities, residential protection services, custodial and fire protection services, furnishings and appliances, maintenance and repair of furnishings and appliances, and administrative services performed by the Department of State under the International Cooperative Administrative Support Services (ICASS) and Memoranda of Understanding.

DEFENSE INTELLIGENCE AGENCY
FAMILY HOUSING, DEFENSE-WIDE
Operation and Maintenance Summary
(Excludes Leased Units and Costs)

Inventory Data	FY 1999	FY 2000	FY 2001
Units in Being Beginning of Year	-	-	-
Units in Being End of Year	-	-	-
Average Inventory for Year	-	-	-
Units Requiring O&M Funding			
a. Conterminous U.S.	-	-	-
b. U.S. Overseas	-	-	-
c. Foreign	-	-	-
d. Worldwide	-	-	-

Note: All DIA family housing units are leased.

	FY 1999		FY 2000		FY 2001	
Funding Requirements	Unit Cost* ($)	Total Cost ($000)	Unit Cost* ($)	Total Cost ($000)	Unit Cost* ($)	Total Cost ($000)
1. Operations						
a. Management	-	-	-	-	-	-
b. Services	-	-	-	-	-	-
c. Furnishings	41	2,296	41	3,789	42	3,964
d. Miscellaneous	-	-	-	-	-	-
Subtotal-Gross Obligations	41	2,296	41	3,789	42	3,964
Anticipated Reimbursements	-	(17)		(388)	-	(400)
Direct Obligations-Operations	41	2,279	41	3,401	42	3,564
2. Utilities Operations	-	-	-	-	-	-
Anticipated Reimbursements	-	-	-	-	-	-
Direct Obligations-Utilities	-	-	-	-	-	-
3. Maintenance						
a. M&R Dwellings	-	-	-	-	-	-
b. M&R Exterior Utilities	-	-	-	-	-	-
c. M&R Other Real Property	-	-	-	-	-	-
d. Alterations & Additions	-	-	-	-	-	-
Subtotal-Gross Obligations	-	-	-	-	-	-
Anticipated Reimbursements	-	-	-	-	-	-
Direct Obligations-Maintenance	-	-	-	-	-	-
Grand Total O&M	41	2,279	41	3,401	42	3,564

*Based on number of units requiring O&M funding.

DEFENSE INTELLIGENCE AGENCY
FAMILY HOUSING, DEFENSE-WIDE
Operation and Maintenance

The FY 2001 Family Housing Operations expenses for DIA include the purchase, transportation, maintenance, and repair of furniture and appliances for members of the Defense Attaché System.

Reconciliation of Increases and Decreases

Operations	($000)
FY 2000President's Budget Request	3,401
FY 2000 Appropriated Amount	3,401
Price Growth (Inflation)	54
Program Increases a. Program increase due to new DAOs opening in FY 2001	109
Program Decreases	0
FY 2001 President's Budget Request	3,564

DEFENSE LOGISTICS AGENCY
FAMILY HOUSING, DEFENSE-WIDE
PROGRAM SUMMARY
FY 2001

(Dollars in Thousands)

	FY 1999	FY 2000	FY 2001
New Construction	295	-	-
Improvements	-	-	-
Planning and Design	-	-	-
Construction Subtotal	295	-	-
Operations	405	343	370
Utilities	410	414	421
Maintenance	499	364	316
Leasing	-	-	-
O&M Subtotal	1,314	1,121	1,107
Reimbursable Program	-	-	-
Total Program	1,609	1,121	1,107

DLA's current family housing inventory includes 213 units. These units are located at two Defense Supply Centers and one Defense Distribution Center. With the exception of complete renovation of 30 units located at the West Coast Defense Distribution Center in FY 1989, 18 were built in 1975 and 1976, and the other 195 units were built prior to 1960. In FY 2001, DLA will begin a four-year program to demolish all 11 units at the Defense Supply Center Columbus (3 in FY 2001) in an effort to reduce cost and take advantage of the available private sector housing in the local community.

The FY 2001 DLA Family Housing budget request supports routine operations requirements, including housing management, utilities, and maintenance and repair. Routine maintenance include refinishing floors, replacing carpet, water heaters and heating/air conditioning units, and interior painting. In addition, the FY 2001 request includes costs for the demolition of 3 housing units at the Columbus Supply Center.

DEFENSE LOGISTICS AGENCY
FAMILY HOUSING, DEFENSE-WIDE
Operation and Maintenance Summary
(Excludes Leased Units and Costs)

Inventory Data	FY 1999	FY 2000	FY 2001
Units in Being Beginning of Year	213	213	213
Units in Being End of Year	213	213	213
Average Inventory for Year	213	213	213
Units Requiring O&M Funding			
a. Conterminous U.S.	213	213	213
b. U.S. Overseas			
c. Foreign			
d. Worldwide			

	FY 1999		FY 2000		FY 2001	
Funding Requirements	Unit Cost* ($)	Total Cost ($000)	Unit Cost* ($)	Total Cost ($000)	Unit Cost* ($)	Total Cost ($000)
1. Operations						
a. Management	986	210	1,160	247	1,272	271
b. Services	512	109	352	75	362	77
c. Furnishings	404	86	99	21	103	22
d. Miscellaneous	-	-	-	-	-	-
Subtotal-Gross Obligations	1,901	405	1,610	343	1,737	370
Anticipated Reimbursements	-	-	-	-	-	-
Direct Obligations-Operations	1,901	405	1,610	343	1,737	370
2. Utilities Operations	1,925	410	1,944	414	1,977	421
Anticipated Reimbursements	-	-	-	-	-	-
Direct Obligations-Utilities	1,925	410	1,944	414	1,977	421
3. Maintenance						
a. M&R Dwellings	2,343	499	1,554	331	1,376	293
b. M&R Exterior Utilities	0	0	33	7	33	7
c. M&R Other Real Property	0	0	117	25	70	15
d. Alterations & Additions	0	0	5	1	5	1
Subtotal-Gross Obligations	2,343	499	1,709	364	1,484	316
Anticipated Reimbursements	-	-	-	-	-	-
Direct Obligations-Maintenance	2,343	499	1,709	364	1,484	316
Grand Total O&M	6,169	1,314	5,263	1,121	5,197	1,107

*Based on number of units requiring O&M funding.

DEFENSE LOGISTICS AGENCY
FAMILY HOUSING, DEFENSE-WIDE
Operation and Maintenance

OPERATION - Includes refuse collection and disposal, snow removal, entomological services, custodial services, street cleaning, moving and handling of government-owned furnishings, and maintenance, repair, and replacement of household equipment. Operations also include management costs. These are costs associated with family housing administration. These costs include salaries, fringe benefits, training, supplies and equipment required to support the management personnel and to operate the housing office. The FY 2001 operations request reflects a slight increase over the FY 2000 funding level, and is attributed primarily to increased management and services costs directly related to the planned demolition of 3 housing units. The replacement of aging appliances accounts for the slight increase in furnishings costs.

UTILITIES - The FY 2001 request remains unchanged over FY 2000 with the exception of inflation. We continue our efforts to reduce utilities costs by replacing oil-fired furnaces with energy efficient gas-fired furnaces and heating pumps; insulating walls and ceilings to meet current energy standards; replacing water heaters and kitchen appliances; and issuing new tenants guidelines on "How to Save Energy in Family Housing." These projects are instrumental to cost reduction initiatives, and complies with the energy efficiency goals outlined in Executive Order 12759.

MAINTENANCE - Our request for FY 2001 includes a modest number of maintenance and repair projects for dwellings, other real property, and alterations and additions to upgrade our family housing units. Maintenance includes carpet replacement, water heaters, interior painting and refinishing floors. The aging (circa 1918 - 1942) and deteriorating units at the Columbus Supply Center have consistently resulted in higher operation and maintenance costs. Market surveys indicate that there is adequate and affordable housing available in the local Columbus area. After careful study, DLA has planned a four-year phased demolition of all 11 units, beginning with 3 units in FY 2001. The projected cost of demolition in FY 2001 is offset by the completion of the sidewalk replacement project at Richmond Supply Center and fewer maintenance and repair projects due to the projected completion of phase one of the whole house renovation project at the New Cumberland Defense Distribution Center.

Reconciliation of Increases and Decreases

Operations	($000)
FY 2000 President's Budget Request	343
FY 2000 Appropriated Amount	343
Price Growth	
a. Inflation	2
b. Civilian pay raise	11
Program Increases	
a. Demolition of 3 housing units	13
b. Furnishings	1
Program Decreases	-
FY 2001 President's Budget Request	370

Utilities	($000)
FY 2000 President's Budget Request	414
FY 2000 Appropriated Amount	414
Price Growth	
a. Inflation	7
Program Increases	-
Program Decreases	-
FY 2001 President's Budget Request	421

Maintenance	($000)
FY 2000 President's Budget Request	370
Congresssional Adjustment	
a. Government-wide rescission	-6
FY 2000 Appropriated Amount	364
Price Growth	
a. Inflation	6
Program Increases	
a. Demolition of 3 housing units	35
Program Decreases	
a. M&R Dwellings	-79
b. M&R Other Real Property	-10
FY 2001 President's Budget Request	316

LEASING SUMMARY
FAMILY HOUSING, DEFENSE-WIDE
FY 2001

The FY 2001 leasing request by agency is as follows:

	FY 1999 Actual		FY 2000 Estimate		FY 2001 Request	
	Total Cost ($000)	No Units	Total Cost ($000)	No. Units	Total Cost ($000)	No. Units
National Security Agency						
Gross Obligations	11,570	500	13,299	525	12,554	535
Reimbursements	-	-	-	-	-	-
Direct Obligations	11,570	500	13,299	525	12,554	535
Defense Intelligence Agency						
Gross Obligations		350		400		450
Reimbursements						
Direct Obligations	17,690	350	22,132	400	25,924	450
Total Appropriation	29,260	850	35,431	925	38,478	985

The Defense Agency leases are located exclusively overseas, in many cases at remote locations where housing comparable to western standards is scarce or nonexistent. Leasing in areas where suitable housing is in short supply is very expensive which accounts for the fact that the bulk of the high cost leases are concentrated in the Defense Agencies. These lease units support both activities in classified locations and the Defense Attaché System. Host government restrictions, security requirements, and safety and health improvements add additional costs to these leases in many locations. Detailed justification by agency is provided on the following pages.

NATIONAL SECURITY AGENCY
FAMILY HOUSING DEFENSE-WIDE
Analysis of Leased Units
FY 2001

Location	FY 1999 Units Auth.	FY 1999 Lease Months	FY 1999 Cost ($000)	FY 2000 Units Auth.	FY 2000 Lease Months	FY 2000 Cost ($000)	FY 2001 Units Auth.	FY 2001 Lease Months	FY 2001 Cost ($000)
				Domestic Leases					
None									
				Foreign Leases					
Standard	300	3,600	6,570	315	3,780	7,996	325	3,900	7,251
Special Crypto Activities	200	2,400	5,000	210	2,520	5,303	210	2,520	5,303
Total Foreign Leases	500	6,000	11,570	525	6,300	13,299	535	6,420	12,554
Grand Total	500	6,000	11,570	525	6,300	13,299	535	6,420	12,554

NATIONAL SECURITY AGENCY
FAMILY HOUSING, DEFENSE-WIDE
Leasing
FY 2001

Reconciliation of Increases and Decreases

Leasing	($000)
FY 2000 President's Budget Request	13,299
FY 2000 Appropriated Amount	13,299
Price Growth	
a. Inflation	+200
b. Foreign Currency	0
Program Increases	-
Program Decreases	
a. Funding Realignment and other adjustments	-945
FY 2001 President's Budget Request	12,554

DEFENSE INTELLIGENCE AGENCY
FAMILY HOUSING DEFENSE-WIDE
Analysis of Leased Units
FY 2001

Location	Units Auth.	FY 1999 Lease Months	Cost ($000)	Units Auth.	FY 2000 Lease Months	Cost ($000)	Units Auth.	FY 2001 Lease Months	Cost ($000)
				Domestic Leases					
None									
				Foreign Leases					
Classified Locations*	350	3,748	18,862	400	4348	21,367	500	4891	28,724
Reimbursable			(1,172)			(2,712)			(2,800)
Total Foreign Leases	350	3,748	17,690	400	4348	18,847	500	4891	25,924
Grand Total	350	3,748	17,690	400	4348	18,847	500	4891	25,924

*Due to their sensitive nature, this information can be provided to the committee separately.

DEFENSE INTELLIGENCE AGENCY
FAMILY HOUSING, DEFENSE-WIDE
Leasing

An important element of DIA's mission is the operation and management of the Defense Attache System for the Defense Attache Offices located at U.S. embassies in capital cities around the world. The FY 2001 request provides for an increase in the Leasing account. The funds added starting in FY 1999 will fix shortfalls created by the unplanned inflation and high lease costs in the Commonwealth of Independent States, Peoples Republic of China and other high cost locations.

Reconciliation of Increases and Decreases

Leasing	($000)
FY 2000 President's Budget Request	22,265
FY 2000 Appropriated Amount	22,265
Government-wide rescission	-133
Price Growth (Inflation)	332
Program Increases	
a. Increased costs associated with opening new DAOs	623
b. Increase costs for ICASS	1,175
c. Additional costs associated with 38 new leases worldwide	1,662
Program Decreases	0
FY 2001 President's Budget Request	25,924

DEPARTMENT OF DEFENSE

MILITARY CONSTRUCTION PROGRAM

FY 2001 BUDGET

North Atlantic Treaty Organization Security Investment Program

February 2000

Justification Data Submitted to Congress

NATO SECURITY INVESTMENT PROGRAM

Justification Documentation for FY 2001 Budget Request

NATO's Roles and Missions

The NATO Strategic Concept, adopted in 1991, redefined the security challenges and risks to the Alliance. NATO now recognizes and responds to a wide range of diverse and multi-directional risks -- many arising from social, economic, and political problems facing the emerging nations of central and eastern Europe, as well as potential threats arising in regions adjacent to Europe.

The orientation places greater emphasis on mobile, multinational military formations that can be tailored to meet a variety of contingencies, both within and outside of NATO borders. The changes in the scope and nature of the threat caused NATO to make significant modifications and reductions to its force and base structure. These organizational changes (in turn) caused NATO to make significant modifications to its common-funded support programs.

Continuing U.S. Commitment to NATO

The U.S. has an abiding national security interest in a stable, integrated European Region. Our political and military presence there fosters the conditions necessary to ensure democratic and market-based institutions take root throughout the region.

Despite the promising developments in Europe since the end of the Cold War, there remain a wide range of other threats to peace and stability in Europe and adjacent regions: dangers posed by nuclear weapons and other weapons of mass destruction; regional conflicts which have surfaced absent the centralized control of the former Soviet Union; hostile governments and political unrest in the Middle East; and various other economic and environmental dangers to U.S. national security interests. The existence of these threats to regional stability and U.S. interests there serves to underscore the need for a continued U.S. political and military presence in Europe, and the need for a robust, proactive North Atlantic Treaty Organization, serving as the essential defense and security organization in Europe. From a strategic standpoint, NATO is the only forum enabling the U.S. and its European Allies to consult and develop common views and solutions to security challenges, not only in Europe, but on a global scale.

The U.S. received NATO infrastructure Allied-nation support for its humanitarian and peacekeeping initiatives. Additionally, peacekeeping operations in Somalia and Iraq were executed and sustained through the direct use of NATO infrastructure.

Overall Program Requirements

General. NATO Security Investment projects meet Alliance military requirements for a wide range of facilities and capabilities, including effective surveillance and intelligence capabilities, flexible command and control systems (including secure and reliable communications), mobility within and between regions, adequate logistics and transportation support, and the infrastructure to support both forward deployed and reinforcing forces. In addition, the 1994 NATO Summit, identified several new regional initiatives, including the Partnership for Peace Program, the Combined Joint Task Force concept, and the European Security and Defense Identity, which could benefit from (and be eligible for) funding support through this program.

The NATO nations continue to agree that a funding level of about $730.0 million is required in FY 2001 to take account of the changing but continuing threat to peace, the revised NATO funding eligibility criteria, maximum use of existing inventory, and national political and economic realities. This is also considered an adequate funding level to cover restoration and upgrade requirements for existing facilities and systems, recoupment for prefinancing, payments for incrementally funded projects, minor works, new requirements, and recurring administrative and other program support costs (audits, cost overruns, and cancellation fees).

NATO Security Investment Program: FY 2001 U.S. Budget Requirement

Based on the existing cost sharing agreement and current exchange rates, the U.S. cost share payment for FY 2001, is estimated at approximately $201.0 million. Of the total FY 2001 cost share of a requested authorization of $201.0 million, about $11.0 million is expected to be available from recoupments for prior year U.S. funded work, from the deobligation of NATO funds for previously obligated projects that were reduced in scope or canceled, and the unobligated balance brought forward from prior year appropriation resources. The U.S. national contribution to NSIP serves multiple political purposes as well. The U.S. plays a major leadership role in transatlantic affairs. Our active participation in the NSIP assures the United States of a continuing front-line role in shaping and influencing the collective defense posture of the Alliance, and works produced by the program provide direct, on-the-ground benefits to U.S. military service personnel across the European continent.

Of course, the opposite is also true when the contribution is diminished or contstrained. No where has this been more clearly evident than our inability to use NSIP funds to support Partnership for Peace (PfP)-related projects. Last year, the Senate barred the U.S. from supporting PfP-related projects with NSIP funds. This prohibition has had considerable negative political consequences – proving the practical axiom that without sustained U.S. support and participation in all aspects of NSIP. The U.S. misses opportunities to shape regional stability and influence the development and entrenchment of democratic institutions and market reforms so vital to this area. Similarly, the use of NSIP funding to support enlargement-related projects is a practical expression of our military and political commitment to an expanded alliance and the successful integration of former

adversaries into the family of western democracies. Now that the Alliance has agreed to enlargement, the NSIP will play a central role in consolidating NATO's collective defense capability and actualizing NATO's revised Strategic Concept. The anticipated U.S. contribution to cover the cost of enlargement is approximately $12.0 million in FY 2001.

Program Priorities

The May 1993 changes to the program's funding criteria for facilities construction and restoration all but eliminates NATO facility funding for the European allies but continues full support for U.S. requirements at European bases. Additionally, new NATO program policy continues to support U.S. facility requirements in Europe for NATO-assigned U.S. reinforcement forces, as well as embarkation and outload facilities in the United States on a pro-rata share based on use by NATO.

Eligibility Criteria

In procedures adopted in May 1993, NATO nations reduced funding eligibility for NATO requirements that are "over and above" those which could reasonably be expected to be available from national resources. In large measure, this applies to facilities, both military and civil. With few exceptions, funding is no longer programmed in any NATO country for the construction, restoration, or upgrade of facilities which are used specifically for that nation's NATO-assigned forces (this applies principally to most European allies and has the practical effect of disqualifying their facility requirements for NATO funding). However; projects will still be funded to support operational facility requirements for those NATO-assigned forces deployed outside of their national borders. As a result, U.S. European facility requirements will continue to be eligible for NATO funding. Also, Stateside facilities for the support of U.S. NATO-assigned reinforcement forces remain eligible for NATO funding.

Program and Project Approval Procedures

Under the current programming procedures, U.S. construction requirements are an integral part of the NATO Military Commanders' "Capability Packages." All NATO Security Investment Program project requirements are stated in terms of "Capability Packages," assembled, reviewed and approved by the NATO Military Authorities. The overall NATO priority of specific operational capability packages determines the priority of the individual projects included - both procurement and construction. In the absence of adequate funding levels, lower priority requirements are deferred - both procurement and construction. In some instances, projects for the restoration and upgrade of existing facilities are funded as "stand alone" projects but are still subject to a NATO priority analysis.

A unique feature of the NATO Security Investment Program Capability Package procedure is that all funded requirements are operational, unlike the U.S. MilCon program, which include estimates for training, administrative, and personnel support facilities that will be needed to sustain a capability over a long term basis. The NATO program can thus be responsive to changing operational requirements within the criteria guidelines established. Unanticipated funding requirements can also be accommodated for facility damage caused by the environment. While the capability package process does provide a great deal of insight into specific projects, the Department is unable to guarantee to the Congress that all projects will be executed within a given the budget. The budget is prepared 10 months prior to the start of the fiscal year and, additionally, forecast in detail for an additional 12 months. NATO planners must propose projects which meet anticipated operational requirements needed to sustain alliance military capabilities.

NATO authorities have approved 40 capability packages with an additional 35 formally under review at NATO headquarters. Approved capability packages can be addressed in the following four categories:

- Command and Control. Upgrades to equipment and software for NATO headquarters; replacement/upgrade of maritime communications for both surface and subsurface units; procurement of transportable command and control communications equipment for NATO contingency operations; upgrade and enhancements to hardware and software systems supporting the NATO Nuclear Planning System.
- Replenishment and Supply. Logistics support for NATO deployments and long-term operations, including ammunition and fuel depots; embarkation facilities in the U.S.; and facilities for the reception and staging of reinforcement forces.
- Training and Exercises. Improvements at existing NATO joint training areas, firing ranges, and facilities for computer-assisted training.
- Maritime Surveillance and Amphibious Warfare. Restoration and upgrade of facilities at maritime bases, sea and air embarkation facilities, depot storage, and battle damage repair facilities.

U.S. Requirements

U.S. forces in Europe have been reduced to approximately 100,000 permanently stationed military personnel and the U.S.-European base structure reduced by 63% from the pre-1990 inventory. These reductions were achieved with full Congressional support. The NATO Security Investment Program remains the primary source of funding for several U.S. construction priorities: restoration and upgrade of existing NATO operational facilities at U.S. European Command bases; construction required for new missions and the consolidation of U.S. forces; embarkation facilities under the U.S. Atlantic Command in the United States to support the mobilization and movement of U.S. NATO-assigned reinforcement forces and equipment; and storage in Italy for Army prepositioned war reserve materiel.

The construction of new facilities and the modification of existing infrastructure at Aviano Air Base, Italy, is the highest U.S. priority facility requirement in Europe. Because of the U.S.

commitment of two permanently-based F-16 squadrons in NATO's Southern Region, the allies agreed to fund a wide range of support-facility construction at Aviano Air Base (worth $120 million) that would not normally be eligible for NATO funding. The projects include: dormitories, a child care center, dining facilities, dependent schools, post office, youth center, medical facility, logistics facility, and a library. These facilities are in addition to the $90 million worth of NATO-eligible air base operational requirements which include maintenance facilities, restoration of the approach lighting, various airfield pavements, standby electrical power, and extension of the existing runway.

Allied agreement to fund the unique U.S. requirements noted above is particularly significant given that the cost share percentage of the European nations has not changed. However, under the new criteria, the allies must now shoulder the bulk of the costs of NATO-required construction and facility restoration within their own borders, while NATO support for U.S. facility requirements in Europe remains unchanged. The shift in the principal focus of the program to NATO-wide requirements such as command and control, communications, management information equipment and associated software, and other advanced technology also continues to favor U.S. companies who have been highly successful in winning competitive NATO bids.

The Aviano beddown is progressing steadily, with close to $40 million of construction complete and over $60 million under construction. A new capability package providing for defensive air assets in NATO's central region (roughly $80 million in restoration projects at Ramstein, Spangdahlem and Soesterberg Air Bases) is expected to be endorsed during this period.

In addition to U.S. specific requirements, there are a number of theater-wide and common-use systems and facilities in which the U.S. has a vested interest and must be maintained and upgraded. These facilities are essential for the conduct of military operations and political consultations. U.S. forces, as well as other allied units and the NATO command structure, are dependent on the availability of properly functioning systems and facilities with:

- Secure and reliable communications networks linking NATO static and mobile command centers with the national headquarters of NATO member nations.
- Other specialized strategic and tactical communications systems for the control of military operations.
- NATO command headquarters, equipped with modern management information systems, updated hardware and software.
- Interconnecting system of early warning, coastal, and air defense radars.
- Cross-border pipeline systems supporting military POL requirements that connect refineries, fuel depots, airfields, and other major NATO bases.
- Fuel and ammunition depots, storage for prepositioned equipment and materiel, and air/sea embarkation and reception facilities for use by U.S. and allied reinforcement forces.
- Joint training facilities and ranges.

Funding Issues

U.S. credibility, as well as the ability for NATO to make payments to U.S. contractors for NATO-awarded projects and urgently needed U.S. operational support facilities, is still affected by the diminished funding of the U.S. commitment to the Alliance. Heavy and continuous air operations in support of PROVIDE COMFORT and DENY FLIGHT have placed a severe strain on NATO airfield facilities at Incirlik Air Base, Turkey; Aviano Air Base, Italy and RAF Mildenhall, United Kingdom. The inability of the NATO Security Investment Program to authorize urgent remedial repairs has resulted in the use of inefficient operational work-arounds and a marked impact on aircraft readiness and availability. In the event of a Major or Lesser Regional Conflict, NATO airfields and access through the Alliance will play a pivotal role in deployment, sustainment and redeployment of U.S. based forces. Readiness and availability of the facilities at these and other locations has been severely affected due to the inability of U.S. to fulfill its commitment to the NATO Security Investment Program.

Based on the existing cost sharing agreement and the costs of enlargement the U.S. cost share for FY 2001, is $201.0 million. Therefore, for FY 2001 the authorization reflects the amounts indicated above. The Department is cautiously optimistic that additional funds from recoupment, deobligations, and the unobligated balance brought forward will be approximately $11.0 million. Given these anticipated receipts and the current budget environment, the FY 2001 request for new appropriation is $190.0. Any significant funding reduction in either fiscal year will force the U.S. to restrict obligations for urgently needed, high-priority projects, such as construction required at Aviano Air Base.

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
		February 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR COST INDEX
NATO Security Investment Program NATO Countries		

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF										
b. END FY 19										

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE	
b.	INVENTORY TOTAL AS OF	
c.	AUTHORIZATION NOT YET IN INVENTORY	
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM	$201,000
e.	AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
f.	PLANNED IN NEXT THREE PROGRAM YEARS	
g.	REMAINING DEFICIENCY	
h.	GRAND TOTAL	

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
AAA	NATO Security Investment Program		$201,000		

9. MISSION OR MAJOR FUNCTIONS: The NATO Security Investment Program funds the acquisition of common use systems and equipment; the construction, upgrade, and restoration of operational facilities; and other related programs and projects the Alliance requires in support of the agreed NATO Strategic Concept and Military Strategy. Each NATO nation contributes to the total program cost based on a commonly-agreed "cost-sharing" formula.

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
DoD		October 1999

3. INSTALLATION AND LOCATION:	4. PROJECT TITLE
NATO Security Investment Program NATO Countries	NATO Security Investment Program

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
01005A	AAA	N/A	$201,000

9. COST ESTIMATE

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
NATO Security Investment Program				
Appropriation Request/NSIP				178,000
/NSIP Enlargement				12,000
Total Appropriation Request				190,000
Expected Recoupments/Deobligations				11,000
Total FY 2001 Program Requirement				201,000

10. DESCRIPTION OF PROPOSED CONSTRUCTION:
Provide projects and common-use systems required by the North Atlantic Treaty Organization

11. REQUIREMENT:
This project is required to meet the estimated U.S. payment to the commonly-funded NATO Security Investment Program. The FY 2001 U.S. requirement totals $201,000,000. This includes $12,000,000 for NATO Enlargement. Additionally, $11,000,000 is expected to become available from NATO reimbursements for projects the U.S. financed with national funds in previous years, deobligations, and from unobligated balances brought forward from prior year appropriated resources. The funds will be used to meet the U.S. share of obligations NATO expects to incur in FY 2001 for a wide range of requirements including the procurement of common-use equipment and systems for command and control, intelligence collection, and crisis management; logistics support; joint training; and the restoration and upgrade of existing facilities. Projects at Aviano will require continued funding support to ensure timely execution and completion.

No funds provided will be obligated for NATO Expansion or Partnership for Peace without Congressional notification.

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