

and tactical commanders, and Conventional Ballistic Missile. AVPCs detailed technical engineering analysis also provides cost versus risk trade-off analysis across missions, systems, operations, and infrastructures.

Requesting Member: Congressman HOWARD "BUCK" MCKEON.

Bill Number: H.R. 2638, the "Consolidated Security, Disaster Assistance, Appropriations Act, 2009.

Account: Research Development Test and Evaluation, Air Force.

Legal Name of Requesting Entity: Aerojet-General Corporation.

Address of Requesting Entity: P.O. Box 13222, Sacramento, CA 95813-6000, USA.

Description of Request: At my request, \$1.4 million to help return the Hydrocarbon Boost Technology Demonstrator program to its initial programmed funding level is included in the Defense Appropriations Act for Fiscal Year 2009. This critical, next-generation liquid rocket engine development effort run by the Air Force Research Laboratory at Edwards AFB will not only provide the highest performing hydrocarbon engines ever developed in the United States, but also will provide higher operability, lower costs and greater safety with higher reliability than any liquid booster engine ever made in the U.S. and perhaps the world. Since the federal government is the primary end-user, it is logical that federal funding support the initiative. While a match is not required, during the past eight years, Aerojet has invested approximately \$30 million in internal research and development funding on this technology and intends continued support in FY09.

Requesting Member: Congressman HOWARD "BUCK" MCKEON.

Bill Number: H.R. 2638, the "Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009.

Account: Research Development Test and Evaluation, Army.

Legal Name of Requesting Entity: Curtiss-Wright Controls Embedded Computing.

Address of Requesting Entity: 28965 Avenue Penn, Santa Clarita, CA 91355, USA.

Description of Request: At my request, \$2.4 million to develop a Common Ground Combat System electronic architecture prototype is included in the Defense Appropriations Act for Fiscal Year 2009. This project will include replacement of legacy military standard based data-bus components with modern commercial standards based network centric capable components, the consolidation of obsolete electronic subsystems into common electronic modules and assemblies providing greatly reduced space, weight, and power consumption and the implementation of a two-level maintenance approach using newly standardized commercial electronic module technology. Funding is intended to be spent on program management, electronics obsolescence study, electronics commonality study, design concept development, design concept demonstrators, and a heavy brigade combat team Modular Open Systems Approach (MOSA) application report. The advantage of this approach to the Department of the Army is an evolutionary capability migration allowing the Future Force to operate with the current force. This project can be completed in FY09.

Requesting Member: Congressman HOWARD "BUCK" MCKEON.

Bill Number: H.R. 2638, the "Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009.

Account: Research Development Test and Evaluation, Navy.

Legal Name of Requesting Entity: Aerojet-General Corporation.

Address of Requesting Entity: P.O. Box 13222, Sacramento, CA 95813-6000.

Description of Request: At my request, \$800,000 in project funding for risk reduction of the High Speed Anti-Radiation Demonstration (HSAD) is included in the Defense Appropriations Act for Fiscal Year 2009. Following a successful test flight of the HSAD, this funding will be spent for Navy program management, tactical missile component design development and analysis, lightweight ramjet engine component testing, ramjet engine safety engineering and analysis, guidance system conceptual design, and operational analysis. The basic HSAD program focuses on demonstrating the feasibility and viability of using variable flow ducted rocket propulsion technology for the propulsion portion of planned advanced weapon systems. This request is consistent with the intended and authorized purpose of the account and the project is under the direction of the Naval Air Warfare Center.

Requesting Member: Congressman HOWARD "BUCK" MCKEON.

Bill Number: H.R. 2638, the "Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009.

Account: Other Procurement, Army.

Legal Name of Requesting Entity: General Atomics.

Address of Requesting Entity: 3550 General Atomics, San Diego, CA 92186-5606.

Description of Request: At my request, \$1.6 million in project funding for the U.S. Army Warrior UAV program is included in the Defense Appropriations Act for Fiscal Year 2009. SAR/GMTI radar is an integral part of the U.S. Army Warrior program. A current buy of six Warrior Block 0 aircraft has no provision for radars. Included funding will be used for to procure Lynx II SAR/GMTI radars and spares for the Army's six Warrior Block 0 aircraft. Integration of Lynx II on the Warrior Block 0 aircraft will provide a fleet of aircraft with common radar and the highest level of all weather, broad area surveillance capability.

PERSONAL EXPLANATION

HON. LYNN C. WOOLSEY

OF CALIFORNIA

IN THE HOUSE OF REPRESENTATIVES

Wednesday, September 24, 2008

Ms. WOOLSEY. Madam Speaker, on September 23, 2008, I was unavoidably detained and was not able to record my vote for Rollcall No. 626.

Had I been present I would have voted: Rollcall No. 626—Yes—Elder Abuse Victims Act of 2008.

EARMARK DECLARATION

HON. BILL SHUSTER

OF PENNSYLVANIA

IN THE HOUSE OF REPRESENTATIVES

Wednesday, September 24, 2008

Mr. SHUSTER. Madam Speaker, consistent with the Republican Leadership's policy on

earmarks, I am placing this statement in the CONGRESSIONAL RECORD.

Requesting Member: Congressman BILL SHUSTER (PA-9).

Bill Number: H.R. 2638—The Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009.

Military Construction Projects were previously disclosed in a statement on H.R. 6599—The Military Construction and Veterans Affairs FY09 Appropriations bill.

Defense Appropriations Projects

Project Name: Expeditionary Persistent Power.

Account: Research, Development, Test, and Eval, Defensewide.

Legal Name of Requesting Entity: Mission Critical Solutions, LLC.

Address of Requesting Entity: 271 Industrial Lane, Alum Bank, PA 15521.

Description of Request/Justification of Federal Funding: \$1.6 million for Expeditionary Persistent Power.

It is my understanding that funding will be used for research, development, testing, and evaluation. This program builds on the recent success and advancements in ground based power and alternative propulsion systems for USSOCOM as well as advancements in the ultra thin film solar and small wind driven regeneration systems. The power/propulsion system will use latest-generation, commercially available Li-ion polymer batteries storing power from wind, solar, and regeneration techniques.

USSOCOM has a continuing requirement for Expeditionary Power and Clandestine Propulsion Systems for ground, marine, and UVs for all operations environments and tactical scenarios.

It is also my understanding that approximately 55 percent of funding would be used for labor costs, approximately 40 percent of funding would be used for materials, and approximately 5 percent of funding would be used for travel and other costs.

Project Name: Fire Support Technology Improvement Program.

Account: Research, Development, Test, & Eval, Army.

Legal Name of Requesting Entity: Szanca Solutions, Inc.

Address of Requesting Entity: 100 East Pitt Street, Suite 300, Bedford, PA 15522.

Description of Request/Justification of Federal Funding: \$800,000 for Fire Support Technology Improvement Program.

It is my understanding that funding for this project would be used for research, development, testing, and evaluation to leverage and develop advanced artillery battle management technologies and to integrate these advanced technologies into the Army fire support modernization initiatives.

This program will help in Battlefield Damage Assessment (BDA) for target re-fire, to include target of opportunity avoidance due to weighted benefits of a current intel information resource that is supplying crucial tactical intel information. This effort will also decrease the time from target identification to firing. The program will also provide Theater Commanders with the intelligence to determine if a fire mission may affect critical infrastructures or resources (water and oil pipelines, power lines or support facilities) that are critical to the civilian population.

It is also my understanding that approximately 80 percent of funding would be used

for staff, approximately 17 percent of funding would be used to design and implement a test facility, and approximately 3 percent of funding would be used for travel and other costs.

Project Name: Maritime C4ISR System.

Account: Research, Development, Test, & Eval, Army.

Legal Name of Requesting Entity: Mission Critical Solutions, LLC.

Address of Requesting Entity: 271 Industrial Lane, Alum Bank, PA 15521

Description of Request/Justification of Federal Funding: \$800,000 for Maritime C4ISR System.

It is my understanding that funding would be used for research, development, testing, and evaluation. This project would be used to support C4ISR situations awareness for maritime protection activities. The Maritime C4ISR System is a comprehensive suite of sensor devices together with IP based network communications to support C4ISR situational awareness for maritime protection activities.

The system was conceived for port and coastal security missions requiring enhanced situational awareness, integrating and fusing existing sensors via IP. The Maritime C4ISR system allows the user to manage several complex and diverse tasks simultaneously through remote access, automation, information management, and the development or enhancement of decision aids to simplify decision-making and support defensive action by joint forces.

It is also my understanding that approximately 50 percent of funding would be used for labor, approximately 42 percent of funding would be used for material, and approximately 8 percent of funding would be used for travel and other costs.

Project Name: Hospital Emergency Planning and Integration (HEPI).

Account: Research, Development, Test, & Eval, Army.

Legal Name of Requesting Entity: L. Robert Kimball & Associates.

Address of Requesting Entity: 615 W. Highland Avenue, P.O. Box 1006, Ebensburg, PA 15931. The project will be located at the Letterkenny Army Depot and the Chambersburg Hospital in Franklin County, Pennsylvania.

Description of Request/Justification of Federal Funding: \$800,000 for Hospital Emergency Planning and Integration.

It is my understanding that funding for this project would be used for research, development, testing, and evaluation to establish a network of regional communication and collaboration centers, fielded by the Department of Defense (DOD) that will provide technology to emergency responders for day-to-day use and will provide a system for execution of the DOD Homeland Defense mission. The development of enterprise architecture will link existing state and local systems with the DOD and other federal agencies.

It is also my understanding that approximately 85 percent of funding would be used for the expansion of the HEPI program throughout the South Central Counter-Terrorism Task Force Region and approximately 15 percent of funding would be used to enhance and refine HEPI program capabilities.

Project Name: Rural Health (CERMUSA).

Account: Research, Development, Test, & Eval, Army.

Legal Name of Requesting Entity: St. Francis University.

Address of Requesting Entity: 117 Evergreen Drive, P.O. Box 600, Loretto, PA 15940.

Description of Request/Justification of Federal Funding: \$2.4 million for Rural Health (CERMUSA).

It is my understanding that funding for this project would be used for research, development, testing, and evaluation to continue the St. Francis University Center of Excellence for Remote & Medically Under-Served Areas (CERMUSA) national test bed for research in telehealth, distance learning, telerehabilitation, and associated technologies.

It is also my understanding that approximately 60 percent of funding would be used for a test bed for informational technologies, approximately 25 percent for a test bed for telehealth, telerehabilitation, and healthcare education research, and approximately 15 percent for a distance learning test bed for rural and under-served areas.

EARMARK DECLARATION

HON. CHARLES W. DENT

OF PENNSYLVANIA

IN THE HOUSE OF REPRESENTATIVES

Wednesday, September 24, 2008

Mr. DENT. Madam Speaker, I submit the following for the RECORD:

Requesting Member: Congressman CHARLES W. DENT.

Bill Number: H.R. 2638, Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009.

Account: Operation and Maintenance, Army. Legal Name of Requesting Entity: ProModel Corporation.

Address of Requesting Entity: 7540 Windsor Drive, Suite 300, Allentown, PA 18195.

Description of Request: \$2,000,000 is included to accelerate the deployment and enhance the current capabilities of the ProModel Army Force Generation Synchronization Tool (AST). This technology enables the Army to capture the Army Force Generation Model (ARFORGEN) process in software, providing decision makers the ability to rapidly create Courses of Action and predict the impact of their decisions on key metrics such as Dwell and Boots on Ground. The ability through automation to run "what ifs" to assess risk on readiness is recognized as a key priority for the Army and Joint Forces.

Requesting Member: Congressman CHARLES W. DENT.

Bill Number: H.R. 2638, Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009.

Account: Research, Development, Test and Evaluation (RDTE), Army.

Legal Name of Requesting Entity: Air Products and Chemicals, Inc.

Address of Requesting Entity: 7201 Hamilton Boulevard, Allentown, PA 18195.

Description of Request: \$3,200,000 for Ballistic Armor Research to evaluate the emerging role of polymers as an active and/or passive component of armor systems will enable the next generation of protection for military personnel. While the federal government has supported the installation of new armor systems, materials selection remains limited, and the fundamental understanding of how to improve system performance and quickly deploy new armor systems in the field is not well de-

veloped. This project partners industry with a strategic university to conduct research under the leadership of the U.S. Army Research Lab to develop polymers and materials that will provide functional armor solutions to DOD. Army programs will directly benefit from the research through its ability to rapidly screen materials and determine their protection value, and understand how materials undergo physical and chemical changes during blast and impact.

Requesting Member: Congressman CHARLES W. DENT.

Bill Number: H.R. 2638, Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009.

Account: Research, Development, Test and Evaluation (RDTE), Army.

Legal Name of Requesting Entity: Edmund Optics, Inc.

Address of Requesting Entity: 601 Montgomery Avenue, Pennsburg, PA 18073.

Description of Request: \$2,320,000 is included to advance Precision Molding Manufacturing Technology for Infrared Aspheric Optics. Infrared imaging technology is integrated in missile guidance, airborne reconnaissance, and situation awareness for soldiers, police, and fire fighters. It presents the only viable solution for sight in total darkness, dense fog and smoke. This technology enables the armed forces to detect and identify threats, then engage and defeat the enemy at a safe distance. Production techniques for aspheric optics have limitations, as current solutions are either low-cost or high-performance but not both. Similarly, aspheres in thermal applications are produced using expensive machining techniques and costly raw materials. Molding, an alternative production technique, is the only feasible means to generate cost-effective precision infrared aspheric lenses. It is critical to shift infrared optics production from expensive machining to cost-effective precision molding.

Requesting Member: Congressman CHARLES W. DENT.

Bill Number: H.R. 2638, Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009.

Account: Research, Development, Test and Evaluation (RDTE), Defense Wide.

Legal Name of Requesting Entity: Lehigh University.

Address of Requesting Entity: 27 Memorial Drive West, Bethlehem, PA 18015.

Description of Request: \$1,600,000 for Document Analysis and Exploitation to develop and disseminate efficient technologies to extract information of importance from scanned document images regardless of the condition of the document and across a variety of key languages. As part of DARPA's newly-initiated MADCAT program (Multilingual Automatic Document Classification Analysis and Translation), new document analysis techniques and systems focused on processing Arabic handwriting are being developed. Currently, resources are underutilized because many documents exist only in hardcopy form and are often written in a foreign language using a non-Roman-script such as Arabic, Chinese (Kanji) or Korean (Hangul). This project will reduce errors in translation, help identify which documents need to be reviewed, and clear the massive backlog of captured documents from Iraq and Afghanistan that may have intelligence value.