Description of Request: In collaboration with the Army Research Laboratory (ARL) California State University, San Bernardino (CSUSB) supports Technology Commercialization and Management Network through the Integrated Technology Transfer Network (ITTN). The program strengthens the Army's capacity in defense by identifying and fast-tracking the transfer of technology, improving situational intelligence for commanders and soldiers in the field, and leveraging and enabling interdependent and network-centric warfare. The future commercialization of technologies will require a special combination of skills that traverse the boundaries of entrepreneurship, business, and science. The ITTN program addresses this by implementing a comprehensive program of training, to perform research and work in the Army Laboratory and technology companies. Students acquire special skills needed through an intensive applied curriculum of business and entrepreneurship courses, experiential learning through apprenticeships and mentoring with CSUSB faculty and the Army Research Laboratory.

Amount: $2,000,000.00.

Requesting Member: Congressman JERRY LEWIS.

Project Name: Facility Security using Tactical Surveys.

Account: RDTE, DW.

Legal Name of Requesting Entity: Tactical Survey Group.

Address of Requesting Entity: 2800 North Little Mountain Drive, Bldg D, San Bernardino, CA 92405.

Description of Request: The Tactical Survey System is an innovative computer-based, interactive tool that provides crisis personnel access to a vast database of reliable pre-incident information on a facility, thereby enhancing their ability to effectively respond to an emergency situation. The Tactical Survey System includes immersive imagery with embedded tactical intelligence including hazardous material types and locations, aerial photos, ingress and egress videos, key personnel, building construction information, utility shutoff locations with instructions, communications infrastructure, fire fighting assets, fire and security alarm systems, and perimeter control systems. Completion of a survey at a federal installation also then allows precise advanced planning of emergency response, conduct of realistic exercises, and detailed training of individuals.

Amount: $3,000,000.00.

Requesting Member: Congressman JERRY LEWIS.

Project Name: Tactical Video Capture System.

Account: P, Marine Corps.

Legal Name of Requesting Entity: L3 Communications.

Address of Requesting Entity: 600 Third Ave, NY, NY 10016.

Description of Request: Initiated by DARPA research funds, the Tactical Video Capture System (TVCS) was developed as the first intelligent video system that provides Real-Time Visualization, Situation Awareness, and After Action Review for the USMC Pre-Deployment Training Program and particularly for urban warfare training operations. Praetorian is an operating system that stitches live or recorded video onto a textured 3D model of the training site's terrain and infrastructure. TVCS provides intuitive, easily understood situational awareness in 3D context from large numbers of video feeds on a single screen. Praetorian also allows an on-the-ground trainer to see video on mobile PDA's, so they are equipped with actionable information. From remote TVCS stations, trainers will have the ability to effortlessly move through the width, depth, and height of the training area with full visual awareness of events as they unfold.

Amount: $4,000,000.00.

Requesting Member: Congressman JERRY LEWIS.

Project Name: Geospatial Intelligence Analysis Education.

Account: Intelligence Activities.

Legal Name of Requesting Entity: University of Redlands.

Address of Requesting Entity: 1200 East Colton Ave, PO Box 3080, Redlands, CA 92373.

Description of Request: This project supports continuing efforts to strategically enhance the human and scientific infrastructure of the Intelligence Community (IC), as well as other federal agencies which employ staff who should be using advanced Geospatial Analysis methods. The effort involves collaborating with the Intelligence and Federal Geospatial Communities in the design, development, and implementation of a professionally-oriented graduate education program, including research, short courses and basic studies in geographic information science (GIS). A key objective is to equip officers at federal agencies with advanced geospatial analysis skills.

Amount: $1,000,000.00.

Requesting Member: Congressman JERRY LEWIS.

Project Name: Micro-Satellite Serial Manufacturing.

Account: RDTE, Air Force.

Legal Name of Requesting Entity: University of Southern California.

Address of Requesting Entity: USC, Los Angeles, CA 90089.

Description of Request: USC is requesting continuation of the Microsatellite Serial Manufacturing project initiated as a demonstration project in fiscal years 2006, 2007 and continued in 2008. The project is having success in developing new serial manufacturing methodologies that produce microsatellites more quickly, thereby allowing the U.S. to be responsive to national security space needs. Serial methods build families of microsatellites where the knowledge of the prior designs is harnessed serially on the next microsatellite; short cycle times (approximately 1015 months) that give important insights into the entire satellite construction process, something impossible in today's typical 10-year cycles. The project's educational outreach component supports National Security Space (NSS) and the Intelligence Community (IC) in order to provide much-needed and security-cleared graduate and undergraduate engineers for the future national security workforce.

Amount: $1,000,000.00.

EARMARK DECLARATION

HON. CANDICE S. MILLER

OF MICHIGAN

IN THE HOUSE OF REPRESENTATIVES

Wednesday, September 24, 2008

Mrs. MILLER of Michigan. Madam Speaker, consistent with House Republican Earmark Standards, I am submitting the following earmark disclosure and certification information for two individual project authorization requests that I made and which were included within the text of H.R. 2638—The Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009 Bill Number H.R. 2638.

1. Requesting Member: Congresswoman CANDICE MILLER.

Bill Number: H.R. 2638.

Project Amount: $1.6 Million.

Account: Operations and Maintenance, Army PE# 423012.

Receiving Entity: Army Manufacturing Technical Assistance Production Program (MTAPP).

Address: US Army TACOM, Industrial Base Office, AMSTA–LC–IO, 6501 E Eleven Mile Rd, Warren, MI 48397.

Description of Request: MTAPP focuses on solving supply chain problems that impact the Army and Department of Defense. MTAPP solves the above-mentioned problems using small manufacturing businesses. The problems that are solved by MTAPP lead to improvement in mission capability and availability rates of Army/DoD combat and tactical vehicles. In addition, the small manufacturing businesses provide a sustainable industrial base of suppliers to support the maintenance of weapons platforms. The small businesses also provide the Defense commercial sector with a viable pool of small businesses to meet the Federal Government mandated socio-economic goals.

Matching Funds: Not applicable (Federal entity).

2. Requesting Member: Congresswoman CANDICE MILLER.

Bill Number: H.R. 2638.

Project Amount: $2.4 Million.

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

Receiving Entity: Diminishing Manufacturing Sources and Material Shortages Case Resolution Program.

Address: U.S. Army TARDEC Assoc. Director for Engineering 6501 East 11 Mile Road Warren, MI 48397.

Description of Request: The program is expected to significantly reduce the Tank-Automotive and Armaments Life Cycle Management Command's (TACOM LCMC) total ownership costs for weapons systems sustainment by using a center for directing the researching of Diminishing Manufacturing Sources and Material Shortages (DMSMS) cases affecting TACOM LCMC designing engineering solutions for cases, and testing alternatives for obsolete pars and higher-level assemblies.

Matching Funds: Not applicable. (Federal entity).

EARMARK DECLARATION

HON. LAMAR SMITH

OF TEXAS

IN THE HOUSE OF REPRESENTATIVES

Wednesday, September 24, 2008

Mr. SMITH of Texas. Madam Speaker, pursuant to the Republican Leadership standards on earmarks, I am submitting the following information regarding earmarks I received as part of H.R. 2638—The Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009.

Requesting Member: Congressman LAMAR SMITH.

Bill Number: H.R. 2638.

Account: FEMA, Predisaster Mitigation.

Legal Name of Requesting Entity: City of New Braunfels.

Address of Requesting Entity: 424 South Castell Avenue, New Braunfels, Texas 78130.

Description of Request: I have requested $360,000 for the City of New Braunfels Flood Mitigation Project. The funding would be used to complete Phase 1 of the project: the planning and engineering requirements for a flood mitigation project to alleviate persistent flooding at two road crossings of Blieders Creek on River Road in New Braunfels that affects the ability of emergency services to access areas of the City. Phase 1 will cost approximately $450,000. The city is prepared to provide $90,000, a 20% share, for Phase 1. The City has completed preliminary planning and is prepared to begin Phase 1 immediately with completion of this phase expected in 2010. The estimated cost of the full two-phase project is $3.4 million. Estimated completion timeframe for the total project is 18 to 24 months.

Requesting Member: Congressman LAMAR SMITH.

Bill Number: H.R. 2638.

Account: Department of the Army, Military Construction.

Legal Name of Requesting Entity: Fort Sam Houston.

Address of Requesting Entity: 1206 Stanley Road, Suite A, Fort Sam Houston, TX 78234–5001.

Description of Request: I have requested $96,000,000 for Fort Sam Houston. The funding would be used to construct a Trainee Barracks Complex. This project will provide a 1200 PN barracks, a Battalion Headquarters, Two Company Operation Buildings and a Central Energy Plant.

Requesting Member: Congressman LAMAR SMITH.

Bill Number: H.R. 2638.

Account: Defense Medical Program, TRICARE Management Activity, Military Construction, Defense-Wide.

Legal Name of Requesting Entity: Fort Sam Houston.

Address of Requesting Entity: 1206 Stanley Road, Suite A, Fort Sam Houston, TX 78234–5001.

Description of Request: I have requested $13,000,000 for Fort Sam Houston. The funding would be used to construct a medical instruction facility. This project provides general and applied instructional space, administrative space and automation-aided classroom space.

Requesting Member: Congressman LAMAR SMITH.

Bill Number: H.R. 2638.

Account: Navy RDT&E, PE 0604800N, Line 126, Joint Strike Fighter.

Legal Name of Requesting Entity: Albany Engineered Composites, Inc.

Address of Requesting Entity: 1281 N. Main Street, Boerne, Texas 78006.

Description of Request: I have requested $1,600,000 for JSF F–35B LiftFan Component Manufacturing at Albany Engineered Composites. The project will help ensure that the F–35B JSF Lift Fan meets critical weight and cost targets, and as such, ensure success of the F–35B Short Take-off and Vertical Landing (STOVL) when it enters into production. It would incorporate cost saving component and assembly designs, alternate materials and manufacturing process improvements targeted to save 24% in production; weight saving design improvements that will result in up to 10% component weight savings; and implement lean manufacturing methods to ensure consistent quality and efficient process flow when the F–35B version of the JSF begins to transition to higher volume production in 2010–11. The funding will be as follows: 54% of the funding will be used for engineering labor, 13% for program management, 10% for direct labor, 9% for materials and material testing, and 14% for qualifications testing and customer technical support.

Requesting Member: Congressman LAMAR SMITH.

Bill Number: H.R. 2638.

Account: Air Force RDT&E, PE 0602102F, Line 8, F–1, Material.

Legal Name of Requesting Entity: The University of Texas at Austin.

Address of Requesting Entity: FAC 400, 1 University Station G2700, P.O. Box 7397, Austin, Texas 78713–7397.

Description of Request: I have requested $1,200,000 for the Next Generation Manufacturing Processes project at the University of Texas at Austin. The proposed initiative will establish a research and education program for enhancing U.S. competitiveness in Intelligent Manufacturing. Intelligent Manufacturing requires the integration of physics-based models, state-of-the-art analysis and control, and advanced materials to develop the next generation of manufacturing processes and systems. The initial thrust will be on small lot and rapid response intelligent manufacturing that is critical to national defense, infrastructure, energy, medical products and other key areas of the U.S. manufacturing base. There are no other alternative sources of funding for this project. The university has, however, sought and received funding in support programs in specific related areas of research and development that provide significant leveraging for the requested funds.

EARMARK DECLARATION

HON. ROBIN HAYES

OF NORTH CAROLINA

IN THE HOUSE OF REPRESENTATIVES

Wednesday, September 24, 2008

Mr. HAYES. Madam Speaker, pursuant to the Republican Leadership standards on earmarks, I am submitting the following information regarding an earmark I received as part of the Homeland Security Appropriations bill, which is included in H.R. 2638, the Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009.

Requesting Member: Congressman ROBIN HAYES

Bill Number: H.R. 2638.

Account: Homeland Security Appropriations bill, FEMA Pre Disaster Mitigation Account.

Requesting Entity: City of Kannapolis, North Carolina. The City's office is located at 246 Oak Avenue, Kannapolis, NC 28081.

Earmark Description: I received an earmark of $468,000 for the Kingston Drive Culvert Replacement project, which was requested by the City of Kannapolis. The existing structures do not provide adequate carrying capacity for the area resulting in increased flooding of upstream properties. The older neighborhood adjacent to this culvert has experienced repeated problems with flooding when multi-day rain storms occur. The neighborhood being older was not built with an adequate drainage system and, because of its age, part of the neighborhood is in a flood zone. The city has invested in a second access road to the neighborhood for residents to use when flooding occurs, but to complete the project, which will reduce the incidents of flooding dramatically, this additional funding is needed.

EARMARK DECLARATION

HON. RANDY NEUGEBAUER

OF TEXAS

IN THE HOUSE OF REPRESENTATIVES

Wednesday, September 24, 2008

Mr. NEUGEBAUER. Madam Speaker, I submit the following:

Congressman RANDY NEUGEBAUER (TX–19).

S. 3001, National Defense Authorization Act for FY 2009.

Account: Research, Development, Testing and Evaluation, Army (R–1 Line 55).

Project: Compact Pulsed Power for Defense Applications, $3 million.

Requesting Entity: Texas Tech University, 2500 Broadway, Lubbock, TX 79409.

Percent and source of required matching funds:

The Center for Pulsed Power and Power Electronics (P3E) at TTU has an operating budget approximately of $3 million supported almost exclusively by competitive grants from DOD and DOE laboratories and relevant US contractors.

As a state-sponsored university, Texas Tech will provide the required matching funds for the research to be conducted by this project.

Justification for use of federal taxpayer dollars:

This initiative will continue the work of the P3E Center to develop compact electromagnetic radiation technology that will disrupt remote detonation electronics used in improvised roadside bombs and inner-city car-bombs. The Department of Defense's Joint MD Defeat Organization (JIEDDO) is aware of the P3E Center's technology and has invited the Center to submit an unsolicited proposal for funding from JIEDDO, which is currently pending. The P3E Center also receives support from the Office of Naval Research.

In the past 10 years, the P3E Center has focused its research in the areas of high power microwave systems, explosively driven pulsed power, compact pulsed power and ultra high-power electronics. Much of this research has been sponsored by DOD and its agencies. These technologies have matured in the last few years to a point where system integration now is possible. A great push needs to be made in this area to allow these electric weapons to reach the military now, where they are clearly needed today. Funding from this initiative will accelerate the P3E Center's research to allow the compact pulsed power technology to be fielded by the military in a shorter period of time.