

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.

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), Navy.

Legal Name of Requesting Entity: Curtiss-Wright Corporation, Engineered Pump Division.

Address of Requesting Entity: 222 Cameron Drive, Suite 200, Phillipsburg, NJ 08865.

Description of Request: \$1,000,000 for the Landing Craft Composite Lift Fan project which will support design, development and domestic manufacture of prototype composite material lift fans for application on current and next generation Navy landing craft vessels. This initiative addresses a persistent problem the Navy has been having with current generation metal lift fans, which are now replaced on average about every 2–4 months due to corrosion, wear and tear. Utilization of this composite material technology in current and future generation landing craft lift fans would result in maintenance savings and will increase the ship availability, critical in an ever-decreasing fleet budget.

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: Neuromonics, Inc.

Address of Requesting Entity: 2810 Emrick Boulevard, Bethlehem, PA 18020.

Description of Request: \$1,000,000 is included to support the Chronic Tinnitus Treatment Program, a breakthrough tinnitus treatment device (patented, FDA-cleared, and non-military clinically-tested) and program that is designed to interact, interrupt, and desensitize tinnitus disturbance for long-term benefit, especially in those suffering with chronic and severe tinnitus. The treatment program combines the use of acoustic stimulation with a structured program of counseling. The Army reports that tinnitus is among the top medical complaints of soldiers returning from OIF/OEF, particularly given the high incidence of Traumatic Brain Injury/mild Traumatic Brain Injury (TBI/mTBI). Until recently, no effective treatment program has existed to help individuals suffering with the effects of tinnitus. This funding will allow military researchers to implement the chronic tinnitus treatment program and develop important baseline data to determine the effectiveness, usefulness, and long-term benefit of the program for military servicemembers suffering with tinnitus.

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: International Battery, Inc.

Address of Requesting Entity: 6845 Snowdrift Road, Allentown, PA 18106.

Description of Request: \$2,400,000 is included for the Lithium Ion Battery Exchange Program to demonstrate the increased capability of the Lithium Ion 6TLi Battery as op-

posed to the current lead acid battery in the Army Theater of Operation. The 6TLi Battery Exchange Program will provide added capability of four times the energy, half the weight, a significantly longer life and enhanced combat readiness as compared to the current lead acid battery. The 6TLi battery has been engineered to the same dimensions of the current lead acid battery, allowing soldiers in the field to perform seamless exchanges. Additionally, the battery provides no hazardous material such as lead or acid, which limits major disposal charges.

HONORING THE 125TH ANNIVERSARY OF THE CHABOT SPACE AND SCIENCE CENTER

HON. BARBARA LEE

OF CALIFORNIA

IN THE HOUSE OF REPRESENTATIVES

Wednesday, September 24, 2008

Ms. LEE. Madam Speaker, I rise today to honor the extraordinary history of the Chabot Space and Science center as it celebrates 125 years of serving our community and literally expanding our understanding of the universe.

In 1883 the Oakland Observatory was founded through a gift from the prestigious Mr. Anthony Chabot to the City of Oakland. Originally located in downtown Oakland, the observatory provided a public telescope to the community and served as the official timekeeping station for the entire Bay Area for decades. Anthony Chabot, a prominent businessman throughout the Greater Bay Area, died only five years after the creation of the observatory, however in that short time the observatory had already become an integral part of the community. Due to its increased use and immense popularity, the observatory has consistently grown and improved throughout the past century.

In 1915 the observatory was moved to the Oakland Hills, and in the mid-1960s the facility was considerably expanded with the addition of a 90-seat planetarium, laboratories, classrooms, workshops, an exhibit room, and a library. By this time, it had been renamed as the Chabot Science Center. Until 1977, the science center was staffed mainly by the dedicated personnel and volunteers of the Oakland Unified School District and visited frequently by public school students. Unfortunately, this ended when seismic safety concerns terminated access to the original observatory facility.

Eager to reinstate the educational opportunities such a facility would bring the young people of the Bay Area, the Chabot Observatory and Science Center (COSC) was formed in 1989 as a Joint Powers Agency with the City of Oakland, the Oakland Unified School District, and the East Bay Regional Park District. Guided by the Eastbay Astronomical Society, this collaboration has exemplified the energy and contributions of this remarkable non-profit organization which has facilitated the renewal and revitalization of the center in the last two decades. The fruit of many years of dedicated leadership from several community groups, individuals, and local elected officials, construction of the new Science Center began in May, 1998.

The Chabot Observatory and Science Center became the Chabot Space and Science

Center in 2000—a name which better conveyed the organization's focus on astronomy and the space sciences, while communicating both the broad range and the technologically advanced nature of programs available in the new Science Center. On August 19, 2000 the new 86,000-square-foot, state-of-the-art science and technology education facility on a 13-acre site opened to the public.

On September 13, 2008 the Chabot Space and Science Center celebrated its 125 year anniversary. The legacy, promising future, and unique character of the Chabot Space and Science Center stands as an accomplishment for our entire community. On behalf of the residents of California's 9th Congressional District, I am pleased to applaud the tireless volunteers, staff, and relentless supporters of this indispensable asset to our community. Most of all, I would like to congratulate the residents of the Greater East Bay for their participation in making the 9th Congressional District one of the most diverse, active, and enlightened areas in the nation. May the Chabot Space and Science Center continue to enrich the lives of our people for many generations to come.

EARMARK DECLARATION

HON. TOM COLE

OF OKLAHOMA

IN THE HOUSE OF REPRESENTATIVES

Wednesday, September 24, 2008

Mr. COLE of Oklahoma. Madam Speaker, pursuant to the Republican Leadership standards on earmarks, I am submitting the following information for publication in the CONGRESSIONAL RECORD regarding earmarks I received as part of H.R. 2638, The Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009:

Requesting Member: Congressman TOM COLE.

Bill Number: H.R. 2638.

Account: RDT&E.

Legal Name of Requesting Entity: "Ametyst Research Inc."

Address of Requesting Entity: 2610 Sam Noble Parkway, Ardmore, OK 73401.

Description of Request: An earmark of \$2,500,000 for advanced infrared systems development. Specifically, \$1,748,250 is for research, development, testing and evaluation; \$614,250 is for research equipment lease, and \$137,500 is for building lease. This project has the support of key officials within the Department of Defense and within the U.S. suppliers of key defense-related technologies to the U.S. Government. This request is consistent with the intended and authorized purpose of the ONR, RDTE, N account. While not required to do so, the State of Oklahoma and the host community City of Ardmore have committed non-federal dollars toward this national priority. The return on investment to DoD for enhanced research funding is significant. ARI's research is projected to reduce by a factor of five the DoD cost for high performance IRFPAs. ARI's defect characterization technology alone is estimated to result in \$5,000,000 of DoD savings over five years and \$100,000,000 over 10 years. Infrared Materials Laboratories are overcoming the technical/financial barriers preventing use of less expensive silicon substrates for high performance IRFPAs. All major U.S. infrared houses