

rays. In turn, the gamma rays emitted from the explosives will be detected by a gamma ray telescope that is incorporated into the detector system. The SEDS will also include advanced safety technologies such as smart video to protect bystanders and U.S. military personnel from effects of the neutron beam.

Requesting Member: Representative JOE KNOLLENBERG (R-MI).

Bill Number: H.R. 2638 (Division C).

Account Information: Navy RDTE Line 16.

Name of Earmark and Amount Listed in the Report: Mobile Manufacturing and Repair Cell/Engineering Education Outreach Program—\$2.4 million.

Legal Name and Address of Receiving Entity: Focus: HOPE, 1355 Oakman Blvd., Detroit, MI 48238.

Earmark Description: The purpose of this program is to attract, train and educate technicians and engineers capable of deploying new critical technologies in support of Navy forces. The funding will be used for research, recruitment, curriculum development, demonstrations, outreach, and administrative costs.

Requesting Member: Representative JOE KNOLLENBERG (R-MI).

Bill Number: H.R. 2638 (Division C).

Account Information: Army RDTE Line 28.

Name of Earmark and Amount Listed in the Report: Nanofabricated Bioartificial Kidney, Pancreas and Liver—\$3.2 million.

Legal Name and Address of Receiving Entity: Innovative BioTherapies, 401 W. Morgan Road, Ann Arbor, Michigan 48108.

Earmark Description: There is a need within the combat theater to provide kidney replacement treatment to casualties that are unstable for transit out of the combat area. Recent technology developed at the University of Michigan and Innovative BioTherapies, Inc. (IBT, Ann Arbor, MI) is miniaturizing renal cell therapy devices which have been demonstrated in Phase II clinical studies to reduce mortality of intensive care unit patients with acute renal failure by 50 percent. This program will lead to a completely portable bioartificial kidney for complete kidney replacement therapy in military field hospitals and fixed-wing aircraft for the treatment of severe combat casualties. This program will also develop miniaturized liver cell devices for the acute and chronic treatment of liver failure with bioartificial liver devices. The funding will be used for research operations and medical equipment.

Requesting Member: Representative JOE KNOLLENBERG (R-MI).

Bill Number: H.R. 2638 (Division C).

Account Information: Army RDTE Line 33.

Name of Earmark and Amount Listed in the Report: Plug-In Hybrid Vehicle Electrification Program—\$3.2 million.

Legal Name and Address of Receiving Entity: NextEnergy Center, 461 Burroughs, Detroit, Michigan 48202.

Earmark Description: The NextEnergy Center will work with the U.S. Army National Automotive Center to develop and deploy Smart Plug-In Hybrid Vehicle (PHEV) technology that provides new capability to manage power distribution and reduce Department of Defense ("DoD") fuel consumption using both conventional generation, renewable generation, and vehicles with exportable electric power. A smart PHEV will supplement electrical power generation and reduce emissions by the vehicle fleet. Funding will support initial develop-

ment and testing of two systems, components and infrastructure, as well as demonstrate PHEV capability for vehicle to building/grid communication. The funding will be used for laboratory expenses, testing and reports, prototype (Vehicles and systems), labor and overhead, and equipment and material.

Requesting Member: Representative JOE KNOLLENBERG (R-MI).

Bill Number: H.R. 2638 (Division C).

Account Information: Army RDTE Line 14.

Name of Earmark and Amount Listed in the Report: Globally Accessible Manufacturing and Maintenance Activity—\$1.6 million.

Legal Name and Address of Receiving Entity: POM Group, Inc., 2350 Pontiac Road, Auburn Hills, Michigan 48326.

Earmark Description: The program entitled "Globally Accessible Manufacturing and Maintenance Activity (GAMMA)" will develop rapid, precision Direct Metal Deposition (DMD) technology, combined with current materials removal technology, using the same (single) laser platform which will provide a quantum leap in force readiness and significantly impact the U.S. economy by greatly reducing the time of making complex, 3-D shaped components for dual-use applications. In addition, GAMMA will greatly enhance the currently fielded U.S. Army effort called the Mobile Parts Hospital (MPH) where modules are deployed to remote locations to fabricate metal parts on site from bar stock. Incorporation of the DMD technology would eliminate the need for the bar stock \$60 billion inventory. The funding will be used for design, factory testing, and validation practices.

Requesting Member: Representative JOE KNOLLENBERG (R-MI).

Bill Number: H.R. 2638 (Division C).

Account Information: Army RDTE Line 33.

Name of Earmark and Amount Listed in the Report: Light Weight Medical Evacuation Vehicle—\$1.6 million.

Legal Name and Address of Receiving Entity: Rae-Beck Automotive, 1200 W. Hamlin Road, Rochester Hills, Michigan 48309.

Earmark Description: The project will design and develop an internally transportable vehicle which provides a fully integrated medical support system designed to accommodate three-four litters to assist our troops. The vehicle will provide force protection capability, via armor, and/or supply add-on armor, which is currently a critical need. The vehicle will be engineered, built ready for testing within 12 months and answers the requirement document of Family of Internally Transportable Vehicles ORD. The medical variant vehicle will be suited for missions requiring speed, cover, concealment, and agility. The funding will be used for the construction and build of a full working demonstrator, engineering cost, and program management and administrative cost.

Requesting Member: Representative JOE KNOLLENBERG (R-MI).

Bill Number: H.R. 2638 (Division C).

Account Information: Army RDTE Line 13.

Name of Earmark and Amount Listed in the Report: Condition Based Maintenance for Mission Assuredness for Ground Vehicles—\$2.4 million.

Legal Name and Address of Receiving Entity: Ricardo, Inc., 40000 Ricardo Drive, Van Buren Township, Michigan 48111.

Earmark Description: The program will develop computer co-simulation tools for computer testable "virtual" vehicle designs for opti-

mized ground vehicles. It will also provide military tools to optimize performance, using outputs for true computer based development of prognostics to predict mission success. This research will provide a wider range of "virtual tests" and optimize systems' interaction. Using developments from the co-simulation agenda, the development of a computer based on-board prognostics system will save the military billions of dollars by enabling condition based maintenance and being able to know if a vehicle can complete a definable mission successfully and safely. The funding will be used for simulation tools and computer based prognostics.

Requesting Member: Representative JOE KNOLLENBERG (R-MI).

Bill Number: H.R. 2638 (Division E).

Account Information: Army, National Guard.

Name of Earmark and Amount Listed in the Report: Barracks Replacement Phase I, Camp Grayling—\$16.943 million.

Legal Name and Address of Receiving Entity: Michigan National Guard, Camp Grayling.

Earmark Description: The funding will replace outdated and substandard barracks. The soldier billeting areas of Camp Grayling were built in increments beginning in the 1950s. These facilities are substandard in terms of construction, function, efficiency, and space. The current facilities do not meet existing fire protection standards, have numerous safety violations and provide inadequate sleeping accommodations for deploying personnel.

Requesting Member: Representative JOE KNOLLENBERG (R-MI).

Bill Number: H.R. 2638 (Division E).

Account Information: Army, National Guard.

Name of Earmark and Amount Listed in the Report: Infantry Squad Battle Course, Camp Grayling—\$2 million.

Legal Name and Address of Receiving Entity: Michigan National Guard, Camp Grayling.

Earmark Description: Funding will be used for combat leaders to train and evaluate their unit in an outdoor squad tactical movement engagement scenario.

EARMARK DECLARATION

HON. KAY GRANGER

OF TEXAS

IN THE HOUSE OF REPRESENTATIVES

Wednesday, September 24, 2008

Ms. GRANGER. Madam Speaker, consistent with the Republican Leadership's policy on earmarks, I submit the following justification for the project I received in the FY2009 Homeland Security Appropriations bill.

Project name (as it appears in the bill): Tarrant County, TX Pre-Disaster Mitigation

Amount received: \$1 million

Bill number: FY2009 Homeland Security Appropriations bill

Account: Pre-Disaster Mitigation

Legal name and address of entity receiving Earmark: Tarrant County, 100 E. Weatherford, Fort Worth, TX 76196

Description of how the money will be spent and why the use of federal taxpayer funding is justified: Tarrant County, TX, will use this funding to plan localized flood control and storm water management projects and will bring municipalities under its jurisdiction up to national standards. This flood control and storm water management work is very important for Tarrant County because the west fork

of the Trinity River flows through the county. Enhanced flood control and storm management would positively impact the lives of county residents as well as other Texans that reside downstream on the Trinity River. The funding plan will be adjusted accordingly for whatever final funding level is provided in the agreement.

Description of matching funds: It is my understanding that Tarrant County will provide at of the least 25 percent of the matching funds, as prescribed in FEMA PDM Program Guidance.

EARMARK DECLARATION

HON. TOM FEENEY

OF FLORIDA

IN THE HOUSE OF REPRESENTATIVES

Wednesday, September 24, 2008

Mr. FEENEY. 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:

I received two projects as follows:

Project 1—Joint Medical Simulation Technology Research and Development Center (JMSTRDC) at 12423 Research Parkway, Orlando, FL 32826, received \$1,600,000 from the Research, Development, Test and Evaluation, Army, Line 38 PE 0603015A Next Generation Training and Simulation Systems account. The funds will be used to provide this facility with a new modeling and simulation center to coordinate Army efforts in medical care simulation training. The center will improve medical care for wounded servicemen and women.

Project 2—The Joint Training Integration and Evaluation Center at 12000 Research Parkway, Suite 300, Orlando, FL 32826 received from the Research, Development, Test and Evaluation, Army, Line 104 PE 0604760A Distribution Interactive Simulations account. The funds will be used to provide the facility with a unique asset to leverage with Joint Forces. This center links Joint Forces Command in Virginia with Orlando's modeling and simulation capabilities. This helps to foster development of Department of Defense high fidelity training for war fighters.

EARMARK DECLARATION

HON. RODNEY ALEXANDER

OF LOUISIANA

IN THE HOUSE OF REPRESENTATIVES

Wednesday, September 24, 2008

Mr. ALEXANDER. 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:

Congressman RODNEY ALEXANDER.
H.R. 2638.

FEMA State and Local Programs.

Tensas Parish Safety Building. The entity to receive funding for this project is Tensas Parish Police Jury, located at 205 Hancock Street, St. Joseph, LA 71366. The \$750,000 would be used for constructing a Safety Building across from the Court House.

Congressman RODNEY ALEXANDER.

H.R. 2638.

DHP.

Department of Defense Brain Injury Rescue and Rehabilitation Project (BIRR). \$1,200,000 will go to Louisiana State University Health Sciences Center, located at 433 Bolivar, New Orleans, LA 70112. The funding would be applied to the BIRR program allowing it to demonstrate the ability of Hyperbaric Oxygen to repair brains.

Congressman RODNEY ALEXANDER.

H.R. 2638.

AP, N.

Advanced Helicopter Emergency Egress Lighting System. The entity to receive \$1,600,000 for this project is Stratus Systems Inc., located at 7976 Highway 23, Belle Chasse, LA 70037. The funding would be used to equip a fleet of H-53 helicopters with safety lights on hatches, handles and overhead. The Helicopter Escape Path Lighting program uses the Advanced Helicopter Emergency Egress Lighting System (ADHEELS) to illuminate the hatches, actuation handles, and now the overhead as well, to an intensity that is visible in underwater conditions, which allows trapped crew to find their way out of the rapidly sinking aircraft. The same escape path lighting is actuated in land crash, assisting the crew in rapid escape from a stricken aircraft. This system is superior in performance, reliability, and logistics support to the 1970's system it replaces. ADHEELS represents a significant improvement in installation, operation, maintenance, performance and reliability at a lower cost. The outstanding advantages derive from the use of an advanced electroluminescent technology which requires no aircraft power and is automatically activated by immersion, crash pulse, or excessive tilt. The Navy has recently equipped all SH-60 series helicopters ADHEELS and the results are a resounding success. The program for the H-53 is underway but needs the addition of overhead lighting also applicable to the H-60. The Naval Air Systems Command will procure and install the ADHEELS in the H-53 series aircraft and in the entire fleet of aircraft as this funding becomes available. Installation kits will be bought for each aircraft and installation accomplished through existing support contracts.

Congressman RODNEY ALEXANDER.

H.R. 2638.

RDTE, A.

Mary Bird Perkins Cancer Center (Note: A Treatment Planning Research Laboratory for High Performance Computing and Radiation Dose Effects). The entity to receive \$2,400,000 for this project the Mary Bird Perkins Cancer Center, located at 4950 Essen Lane, Baton Rouge, La 70809. The funding would be used for the development of a Medical Imaging, Treatment, and Treatment Planning Research Laboratory. MBPCC-LSU is supporting the development of a Medical Imaging, Treatment, and Treatment Planning Research Laboratory specifically for monochromatic X-ray beams for use in radiation therapy (e.g. X-ray activated Auger electron therapy) and medical diagnostic imaging. The Department of Defense utilizes this specialty both in the diagnosis and treatment of disease, as well in the research and development of high performance computing, radiation dose, and imaging applications.

Working with DOD, LSU-MBPCC will establish a multi-disciplinary Treatment and Treat-

ment Planning Research Laboratory to study a new technology that offers unique promises for monochromatic X-rays in radiation therapy and diagnostic imaging. Monochromatic X-ray activated Auger electron therapy has been shown in some preliminary studies to increase the effective dose to tumors three to five times, by specifically targeting tissue and its DNA, offering potential for sparing normal tissues to a significant degree. It is also believed to offer the potential of providing full radiation dose to the cancer while achieving a significant reduction in dose to normal patient tissues, thereby reducing the side effects of radiotherapy.

Congressman RODNEY ALEXANDER.

H.R. 2638.

RDTE, A.

Military Nutrition Research: Personnel Readiness and Warfighter Performance. The entity to receive \$1,600,000 for this project is the Pennington Biomedical Research Center, located at 6400 Perkins Road, Baton Rouge, LA 70808. The funding would be for ongoing research for military nutrition across all branches of service. This funding is requested for the Pennington Biomedical Research Center for ongoing research to continue the Army's responsibility for military nutrition research across all branches of military service. The work focuses on the improvement of health and performance of the American Armed Forces. PBRC provides laboratory support for the military nutrition division at USARIEM with: (1) analyses of human samples for studies conducted at U.S. Army sites, (2) assessments of energy expenditure and water requirements of soldiers in prolonged field exercise using stable isotopes, (3) nutrition analysis services provided by the nutrient database laboratory, and (4) an imaging center located at PBRC which provides research support for USARIEM and PBRC research studies in nutrient metabolism to sustain readiness and enhance performance.

Congressman RODNEY ALEXANDER.

H.R. 2638.

RDTE, AF.

Cyber Security Laboratory at Louisiana Tech University. The entity to receive \$3,000,000 for this project is Louisiana Tech University, located at P.O. Box 10348, Ruston, LA 71272. Cyber Security Laboratory—This \$3 million appropriation provides funding for equipping a new Cyber Security Laboratory to support research and educational efforts in cyber security at Louisiana Tech University. This laboratory is a key component of the recently established Center for Secure Cyberspace (CSC), a collaboration between Louisiana Tech University and Louisiana State University. Funding for the CSC, totaling \$8 million, has been provided half-and-half from the Louisiana Board of Regents and the two universities. Researchers are developing core research foundations in evolvable sensor hardware/software and corresponding transformational technologies for the early prediction, detection, and control of anomalous behavior in cyberspace. The CSC has built strategic collaborative relationships between national and international academic and industrial partners, and with the Air Force's Cyberspace Command at Barksdale Air Force Base. Funding for the Cyber Security Laboratory will be appropriately allocated to specialized laboratory equipment, lab modifications, and staff support.