

setting cybersecurity standards for nonclassified Federal networks. Among its many important provisions is a requirement for NIST to develop a coordinated plan for U.S. involvement in the development of international cybersecurity technical standards that ensures adequate U.S. Government representation; the bill requires NIST to develop a cybersecurity awareness and education program that would disseminate best practices and technical standards for individuals, small businesses, state and local governments, and educational institutions; NIST is required to engage in research and development programs to improve identity management systems, which include health information technology systems; and, NIST is required to establish technical standards to improve interoperability, authentication methods, privacy protection, and usability of identity management systems.

The bill authorizes \$30 million in FY 2010 through FY 2014 for these programs.

According to the Office of Management and Budget and The Government Accountability Office, despite spending an estimated \$6 billion a year protecting nearly \$72 billion in information technology infrastructure and more than \$350 million in cybersecurity research and development each year, U.S. information technology infrastructure remains vulnerable to attacks, and agencies tasked with its protection are not fulfilling their responsibilities.

Dennis Blair, the director of national intelligence, told members of the Senate Select Intelligence Committee yesterday, that "in the dynamic of cyberspace, the technology balance right now favors malicious actors rather than legal actors, and is likely to continue that way for quite some time."

Madam Chair, this bill and the important amendments we will also consider today are part of Congress's ongoing efforts to meet this growing challenge to the cyber and national security infrastructure of the country. I encourage my colleagues to join me in supporting the bill.

PERSONAL EXPLANATION

HON. DANNY K. DAVIS

OF ILLINOIS

IN THE HOUSE OF REPRESENTATIVES

Thursday, February 4, 2010

Mr. DAVIS of Illinois. Madam Speaker, I was unable to cast votes on the following legislative measures on February 2, 2009. If I were present for rollcall votes, I would have voted "yea" on each of the following:

Roll 26, February 2, 2010: On Motion to Suspend the Rules and Pass: H.R. 4495, To designate the facility of the United States Postal Service located at 100 North Taylor Lane in Patagonia, Arizona, as the Jim Kolbe Post Office.

Roll 27, February 2, 2010: On Motion to Suspend the Rules and Agree: H. Res. 957, Honoring Jimmie Johnson, 2009 NASCAR Sprint Cup Champion.

Roll 28, February 2, 2010: On Motion to Suspend the Rules and Agree: H. Res. 1014, Recognizing and supporting the goals and ideals of North American Inclusion Month.

EARMARK DECLARATION

HON. W. TODD AKIN

OF MISSOURI

IN THE HOUSE OF REPRESENTATIVES

Thursday, February 4, 2010

Mr. AKIN. Madam Speaker, in accordance with House Republican Conference standards, and Clause 9 of Rule XXI, I submit the following member requests for the RECORD regarding the conference report on H.R. 3326, Department of Defense Appropriations Act, 2010.

Project: Adaptive-Defense HIPPIE (High-speed Internet Protocol Packet Inspection Engine) on a Chip.

Account: Department of Defense, Army, RDT&E

Legal Name of Requesting Entity: TechGuard Security, LLC

Address of Requesting Entity: 743 Spirit 40 Park Drive, Chesterfield, MO 63005

Description of Request: Provide \$1,004,000 to enhance the Army's Cyber Security. This project puts the rapid and power-conserving High-speed Internet Protocol Packet Inspection Engine's (HIPPIE) security capability on a silicon chip. This funding will allow for development of a Nano-power supply and a nano-memory capability. It will enhance the coalition warrior and the U.S. Warfighter's communication security and access control through discreet deployment with secure remote-controlled chip-level destruction in the event a device is compromised. This enhanced capability at the chip-level allows for deployment directly into the hands of the warfighter engaged in traditional and irregular warfare.

Project: Aircrew Body Armor and Load Carriage Vest System

Account: Other Procurement—U.S. Air Force

Legal Name of Requesting Entity: Eagle Industries.

Address of Requesting Entity: 1000 Biltmore Drive, Fenton, MO 63026

Description of Request: To provide \$2,400,000 to issue the Aircrew Body Armor Load Carriage Vest System, an integrated body armor vest system, to aircrew personnel. The system provides fire retardancy and ballistics protection from a wide array of threats including small arms fire, fragmenting shrapnel and spall, while decreasing the heat stress and weight burdens faced by airmen. Currently issued aircrew flight equipment survival vests are not body armor-compatible due to weight, heat, and survivability concerns. Current issue is not fire retardant and fails to meet the present needs of the U.S. Air Force. Of the \$3 million, approximately 25 percent is for materials; 25 percent is for labor; and 50 percent is for armor and armor integration.

This request is consistent with the intended and authorized purpose of the U.S. Air Force—Other Procurement account. If funded in full, this is a one-time funding request with the goal of the Air Force using internally budgeted funding to continue fielding the system to aircrew personnel.

Project: Air Filtrations Systems for Helicopters

Account: Department of Defense, Army, Aircraft Modifications

Legal Name of Requesting Entity: Aerospace Filtration Systems, Inc.

Address of Requesting Entity: 4 Research Park Dr, Suite 200, St. Charles, MO, USA

Description of Request: To provide \$800,000 to install barrier filtration systems on National Guard aircraft. This request would allow the National Guard to obtain dramatic savings by reducing engine replacements and thus maintenance, keeping overall engine performance from being reduced due to erosion and Foreign Object damage (FOD), and increasing readiness rates of the ARNG fleet. The earmark will address a portion of the ARNG fleet to include: AH-64A APU Barrier Filter—32 Aircraft, AH-64D APU Barrier Filter—48 Aircraft, CH-47 APU Barrier Filter—80 Aircraft, and OH-58A/C Engine Barrier Filter—50 Aircraft.

AFS Barrier Filtration Systems capture 99 percent of the dirt and debris that would otherwise enter the engine or APU and cause a significant loss of performance. This prevents engines/APU's from being removed from the aircraft for costly maintenance or overhaul. Engine overhaul costs could cost as much as \$300,000 on one engine. By extending the life of the engine/APU up to 11 times, the savings from one installation kit could be as high as \$6.6M on one AH-64 helicopter alone. AFS barrier Filters in use by the U.S. Army in the deserts of Iraq and Afghanistan have been proven extremely effective. These kits have allowed engines to reach TBO and have been a major part of unprecedented readiness rates for the aircraft fleets.

Project: Backpack Medical Oxygen System (BMOS)

Account: Department of Defense, Air Force, RDT&E

Legal Name of Requesting Entity: Essex Cryogenics of Missouri Inc.

Address of Requesting Entity: 8007 Chivvis Drive St. Louis, MO 63123-2395

Description of Request: To provide \$800,000 for improving Air Force oxygen generation technology for emergency field medical rescues. With modification, the Backpack Medical Oxygen System (BMOS) is the system that satisfies the USAF Requirement for a small deployable oxygen generator system. This spiral development program for the BMOS system will significantly decrease the time and funds required to field critical capabilities needed today by our warfighters. The U.S. Air Force requirement for oxygen is a minimum of 93 percent pure oxygen at 6 liters per minute for critically injured personnel and the BMOS satisfies that requirement.

Project: Hyperspectral Imaging for Improved Force Protection (HYPER-IFP)

Account: Department of Defense, Army, RDT&E, (CERDEC, NVESD, Special Projects)

Legal Name of Requesting Entity: Clean Earth Technologies, LLC.

Address of Requesting Entity: 13378 Lakefront Drive, Earth City, MO, USA

Description of Request: To provide \$1,600,000 for the Hyper-IFP (Hyper spectral Sensor for Improved Force Protection) Program. The introduction of a Hyper-IFP in FY08 is allowing the detection and recognition of humans (with a near zero false alarm rate) and providing indication of other certain physiological triggers that can indicate that a person is under extreme stress such as contemplating "bad" behavior. To date successful development, test and evaluation has been done in the lab, though these systems have not been fully optimized for theatre operation or for costs. The continued funding of Hyper-IFP will operationalize and integrate the knowledge