

Since 1998, the Democratic Republic of the Congo has had 5.4 million conflict-related deaths, making it the deadliest humanitarian crisis in the world since World War II. Over the past decade, hundreds of thousands of women and girls have been violently raped as a result of this ethnic conflict. These rapes have been exceptionally violent, often involving forced incest and mutilation of the female's genital organs. Victims' mouths were cut off following the raping to prevent them from reporting the crime, while many women and girls were simply killed after being subjected to sexual abuse.

With sexual violence in the Democratic Republic of the Congo at such tragically high rates, I strongly urge Congress to condemn the actions of the perpetrators of these rapes and to support measures to prevent the further escalation of this crisis. The Administration must act, in concert with the United Nations, to assure that the Congolese people have the resources needed to combat the situation. We need to work with other African leaders to assist the Congolese in preventing these violent sexual crimes from occurring.

The plight of women in Africa has for too long been ignored. I call upon my colleagues to join me in support of this resolution so that we can put an end to this deplorable situation that has been allowed to persist for over a decade. We cannot stand by any longer as such unspeakable acts continue to occur with impunity.

#### EARMARK DECLARATION

**HON. W. TODD AKIN**

OF MISSOURI

IN THE HOUSE OF REPRESENTATIVES

*Thursday, September 25, 2008*

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 H.R. 2638, The Consolidated Security, Disaster Assistance, and Continuing Appropriations Act.

Project: Heuristic Internet Protocol Packet Inspection Engine.

Account: 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 \$2,000,000 for Army, RDT&E, PE# 0305208A, Line # 177, Distributed Common Ground/Surface System solely for the research, development and test of Heuristic Internet Protocol Packet Inspection Engine (HIPPIE). The advanced concept HIPPIE technology can be rapidly prototyped and deployed in a filtering appliance that sits in front of an existing firewall or router and uses unique filtering algorithms to quickly classify large numbers of packets—i.e., the country of origin for an IP address—without using slow and CPU intensive rule sets. The objective of the program is to miniaturize the HIPPIE through the use of nanotechnology to the point where it can be placed on a chip and placed directly on a computer for offensive or defensive cyber warfare use.

Project: High Power, Ultra-Lightweight Zinc-Air Battery.

Account: RDT&E, Navy-Marine Corps Landing Force Technology.

Legal Name of Requesting Entity: Energizer Battery Manufacturing, Inc.

Address of Requesting Entity: 25225 Detroit Road, Westlake, OH 44145.

Description of Request: Provide \$2,500,000 for the continued development (Phase II) of a high-rate capability air electrode for a zinc air battery system. The objective is to increase the rate capability by an additional 65 percent so as to support the high power requirements for equipment used in military and commercial applications. The subject zinc-air battery will provide the same energy and power of the incumbent battery (lithium-sulfur dioxide) for about half the weight and in a 60 percent smaller package. Approximately 63 percent is for labor; and 37 percent is for materials and other allowable indirect costs.

On average, a U.S. soldier consumes the equivalent of 1 AA battery per hour in combat, and an infantry platoon, for a 3-day mission, will require approximately 2,500 batteries, weighing a total of almost 400 lbs. Carrying this added weight induces fatigue and ultimately limits their effectiveness and ability to carry out their missions. Thus, with our heavily armed and battery laden troops increasingly confronting light and irregular forces, issues of battery weight and equipment reliability are more important than ever. The total project cost is expected to be approximately \$14,000,000. Energizer will provide the balance of this funding and will continue to devote tens of millions of private R&D dollars to support the continued development of this technology for high power military and commercial applications.

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

Account: 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.

Description of Request: Provide \$1,600,000 to complete the design, assembly, integration, test and evaluation of the Hyperspectral Integrated Force Protection sensor system (Hyper-IFP). Approximately 40 percent will be used for engineering development modeling and simulation; 20 percent will be used for subsystems assembly and testing; 15 percent will be used for system integration and ground testing; 15 percent will be used for a deployed full system field test and evaluation. The request is consistent with the Army NVESD Special Projects office mission to develop advanced sensor systems that provide an operational advantage or that increase survivability of the warfighter. Taxpayer value is substantially enhanced by dual/multi-use capacity to serve a number of Homeland Security (DHS) missions in addition to military force protection.

Project: Mission Execution Technology Implementation.

Account: Army, RDT&E.

Legal Name of Requesting Entity: Westar Aerospace & Defense Group, Inc.

Address of Requesting Entity: 36 Research Park Court, St. Charles MO 63304.

Description of Request: Provide \$3,200,000 for technology improvements urgently needed by combat units in Operation Enduring Freedom and Operation Iraqi Freedom. This program will result in significant increases in mission effectiveness and safety for our warfight-

ers. Funding is required to continue development of enterprise-enabled, integrated Aviation tools and provide this ability to all Army Aviation systems to include UH-60 series, OH-58D, AH-64D, Fixed Wing, and UAS systems. The complete integrated aviation solution includes implementing the automated maintenance test flight tool, automated weight and balance software, and integration with current logistics and Aviation Mission Planning systems. The Aviation community has consistently requested an enhanced, fully Automated Maintenance Test Flight Tool for in-cockpit use, eliminating manual and repetitive Maintenance Test Pilot tasks and significantly reducing the labor required to return aircraft to full service. This solution would also fulfill the Army directive for a paperless system, storing the maintenance test flight check sheets into the Common Logistics Operating Environment, eliminating the paper form. Improved integration of automated weight and balance tools with the CLOE and the Aviation System of System infrastructure is critical, eliminating error-prone manual entries and expanding aircraft flight envelopes by eliminating manual lookup and interpolation of paper performance charts. The amount of time in calculating and recalculating loads during OPTEMPO will be greatly reduced from hours to mere minutes. This effort will include the application of commercial Aviation best practices to data and data processes in support of airworthiness, and the development of processes to support airworthiness assessments of unmanned aircraft systems (UAS). Airworthiness of UAS will improve safety in training and combat operations as well as permit the routine use of these critical capabilities within national airspace during natural disasters and homeland defense operations.

Project: Out of Autoclave Composite Processing.

Account: U.S. Navy ONR Industrial Preparedness 0708011N.

Legal Name of Requesting Entity: GKN Aerospace North America.

Address of Requesting Entity: 142 J.S. McDonnell Boulevard, St. Louis, MO 63042.

Description of Request: Provide \$1,600,000 to develop out of autoclave composite processing. Most composite lamination processes require the use of large, expensive autoclaves to cure lightweight composite structures for today's high technology military aircraft. The size of the parts fabricated is often limited by the size of the autoclave. This project will help develop composite curing processes that do not require an expensive or size limited autoclave for the manufacture of composite aircraft structures. This will result in lower cost aircraft structures and open additional opportunities outside of aerospace for high strength lightweight composites.

#### ADDRESSING THE HEALTH CARE CRISIS

**HON. LINDA T. SÁNCHEZ**

OF CALIFORNIA

IN THE HOUSE OF REPRESENTATIVES

*Thursday, September 25, 2008*

Ms. LINDA T. SÁNCHEZ of California. Madam Speaker, I rise today to join my colleagues in addressing our health care crisis. The facts are clear: too many Americans lack access to quality, affordable health care.