and are required to rotate sentry duty among the team. What is needed is advanced warning systems enabled by integration of sensors and onboard intelligence such that robotic platforms can be tasked to self-deploy and self-maneuver to provide situational awareness and recommend a plan of action without being detected.

Requesting Member: Congressman ROY BLUNT.

Bill Number: H.R. 2638.

Account: Army—RDT&E, Medical Advanced Technology.

Legal Name of Requesting Entity: Missouri State University and St. Johns Health System.

Address of Requesting Entity: 524 N. Booneville Ave, Springfield, MO 65806.

Description of Request: $5.4 million is included in this bill to fund technology to allow for the improved ability to quickly treat soldiers who sustain severe eye injuries in the field. Currently, the time from injury to treatment for eye injuries in the Iraqi conflict averages more than 18 hours due to the lack of field-ready, easy-to-use eye injury stabilization materials. Walter Reed Army Medical Center feels strongly that the project has considerable military relevance and plans to collaborate in the program. The use of taxpayer funds is justified because many of the injuries suffered by our military personnel serving in the Middle East are a result of IED (improvised explosive device) mortar and direct action injuries. Between October 2001 and June 2006, over 1,100 troops with combat eye trauma were evacuated from overseas military operations, making serious eye wounds one of the most common types of injury experienced in current U.S. conflicts.

Requesting Member: Congressman ROY BLUNT.

Bill Number: H.R. 2638.

Account: Air Force—RDT&E.

Legal Name of Requesting Entity: Missouri State University and Nantero Inc.

Address of Requesting Entity: 524 N. Booneville Ave, Springfield, MO 65806.

Description of Request: $7.2 million included in this bill for Carbon Nanotube-based Radiation Hard Nano-Electronic devices.

Requesting Member: Congressman ROY BLUNT.

Bill Number: H.R. 2638.

Account: Global Command And Control System Research, Development, Test And Evaluation, Air Force.

Legal Name of Requesting Entity: Gestalt/Accenture.

Address of Requesting Entity: 320 4th Street, Joplin, MO 64801.

Description of Request: $4 million is included in this bill for the purpose of allowing the delivery of critical information across a low-bandwidth enterprise and to manage services. C2SLM will enable our military to respond to the agility of our opponent by building agility and flexibility into our technology. C2SLM has been selected by the Pentagon to be the early pathfinder for the A-Staff, which will lead to a contract in excess of several hundred million to address non-AOC command and control for COCOMs and NAFs.

EARMARK DECLARATION

HON. STEVE CHABOT

OF OHIO

IN THE HOUSE OF REPRESENTATIVES

Wednesday, September 24, 2008

Mr. CHABOT. 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.

The Electrofluidic Chromatophores for Adaptive Camouflage project is listed under account 3 0601103A, the University Research Initiative for $1,750,000. The project is requested by the University of Cincinnati located at 836A Rhodes Hall, Cincinnati, OH 45221–0030. The University of Cincinnati is in the process of developing an electro-optical system based on electrowetting technology that can change the color of a reflective surface electronically. This project would allow the Armed Forces to change its camouflage pattern electronically at any time. Funds will be used for a two year research project with annual federal expenditures of approximately $1,750,000 million, divided among the University of Cincinnati and Motorola labs. These funds will support approximately two graduate students and one post-doctoral students at the University of Cincinnati for electrowetting module fabrication and development, 2.5 Motorola engineers and one Motorola technician for printed electronics development, module fabrication, and housing integration, and one Sun Chemical scientist for advanced pigment development. This is intended as a two year federal research project under the Army's R&D R–1 account, line 3 ''University Research Initiative,'' to initiate an Adaptive Camouflage Surfaces R&D Program at the University of Cincinnati.

The Smart Machine Platform Initiative is listed under account 179 0708045A, End Item Industrial Preparedness Activities for $4,000,000 million. The project is requested by TechSolve Inc, located at 6705 Steger Drive, Cincinnati, OH 45237. Smart Machine Platform Initiative will advance the state of the art in manufacturing and fabrication of components for weapons systems and reduce cost and cycle time. The vision for this requirement is the addition of intelligence to the machining process. The project will provide $4 million in the Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009, under PE#0708045, Line 179—End Item Industrial Preparedness Activities, only for the Smart Machine Platform Initiative. Zero (0)% matching funds are listed because the Smart Machine Platform Initiative is a Research and Development Activity.

EARMARK DECLARATION

HON. JO BONNER

OF ALABAMA

IN THE HOUSE OF REPRESENTATIVES

Wednesday, September 24, 2008

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

Project Name: Low Cost Multi-Channel Camera System.

Requesting Member: Congressman JO BONNER.

Bill Number: H.R. 2638.

Account: RDT&E, U.S. NAVY, ASW Systems Development (R/1 Line: 29, PE: 0603254N).

Legal Name of Requesting Entity: Radiance Technologies, Inc.

Address of Requesting Entity: 775 North University Blvd, Suite 250, Mobile, AL, USA.

Description of Request: $2,400,000 will be utilized to design, assemble and demonstrate a low cost multi-channel camera system to detect and track diesel submarines as well as provide the ability to detect, track and identify marine mammals. Diesel submarines, like the ones used by countries in the Middle East, Far East and South America, are quiet, air independent and are difficult to detect using current cold war era radar and acoustic system technology. Beyond the need for enhanced submarine detection, current Naval testing of active acoustic systems has been deemed to threaten certain marine mammals. As a result, the NAVY's ability to conduct certain types of testing and training has been curtailed. This restriction reduces the NAVY's ability to protect U.S. fleets from observations by foreign submarines and direct threats. This technology will provide capabilities to fly exercise areas prior to acoustic testing or training to ensure that adjacent waters are clear of marine mammals.

Of the funds provided, $396,000 [or 16.5%] is for channel selection analysis, electronic and mechanical engineering and multi-channel sensor fabrication and integration; $720,000 [or 30.0%] for multi-channel sensor fabrication and integration, and design and implementation of automatic calibration and registration algorithms; $276,000 [or 11.5%] for purchase and integration of digital data recording system, and experimental data collection tests to support algorithm development; $808,800 [or 33.7%] for design, development, and implementation of automatic recognition algorithms and automatic reporting software for data dissemination to ASW assets; $199,200 [or 8.3%] for system demonstration and acceptance testing.

Project Name: Fourteen Mile Bridge in Mobile, Alabama.

Requesting Member: Congressman JO BONNER.

Bill Number: H.R. 2638.

Account: Coast Guard/Alteration of Bridges.

Legal Name of Requesting Entity: United States Coast Guard.

Address of Requesting Entity: 470 L'Enfant Plaza East, SW, Room 7110, Washington, DC, 20024–2135.

Description of Request: Request is for funding for construction of a 14 mile railroad bridge replacement declared for alteration by the Commandant of the USCG. Fourteen Mile Bridge is a navigational hazard and bottleneck due to age and outdated design. It is an impediment to safe and efficient navigation for shippers on the Tombigbee Waterway and into the Nation's inland waterway system. Engineering and design is completed, but the construction account has only been partially funded. The Coast Guard estimates the total project cost to be $75.5 million ($69.8 million federal share); $48.4 million has been appropriated. Request is for additional funding of the construction account.