I took extreme care to ensure that these projects are well vetted and strongly supported. The High-Shock 100 Amp Current Limiting Circuit Breaker appropriation is of particular interest to my district and importance.

Requesting Member: Congressman TIM MURPHY

Bill Number: H.R. 3326, the Department of Defense Appropriations Act, 2010 D

Account: 50 0603734A Military Engineering Advanced Technology

Legal Name of Requesting Entity: PPG

Address of Requesting Entity: 4325 Rosanna Drive; Allison Park, PA 15101

Amount: $2,000,000

Description of Request: The objective of this program is to leverage nanotechnology to develop low cost multifunctional materials to be used to effectively treat and purify water for potable supply or return of wastewater. Water conservation and the demand for clean drinking water have and will continue to increase globally and many parts of the world are under stress in the ability to supply potable water to the masses. Water transportation is a significant logistical burden in the deployment of forces in the global war on terror.

I certify that this project does not have a direct and foreseeable effect on the pecuniary interests of me or my spouse.

I took extreme care to ensure that these projects are well vetted and strongly supported. Nanotechnology for Potable Water and Waste Treatment appropriation is of particular interest to my district and importance.

Requesting Member: Congressman TIM MURPHY

Bill Number: H.R. 3326, the Department of Defense Appropriations Act, 2010

Account: 16 0603123N Force Protection Advanced Technology

Legal Name of Requesting Entity: Curtiss-Wright

Address of Requesting Entity: 291 Westec Drive; Mt. Pleasant, PA 15666

Amount: $3,600,000

Description of Request: The Navy has unique requirements for high power density, low weight, low distortion and noise, high efficiency, high reliability, and reduced maintenance on its next generation electric drive ships. The service has been funding development of various propulsion motors for years, and has recognized the value of concurrently supporting development of the required motor drive to maximize system effectiveness. This project would support development of an advanced motor drive technology that is projected to improve system power density by a factor of 3 to 5 and reduce weight by a factor of 3 over commercially available drive systems; and reduce system losses approximately 2–3%. High Power Density Motor Drive technology is based on proven power conversion techniques that have been used for several decades in icebreaker and cruise ship propulsion systems. Integration with complimentary Navy motor development efforts will open up considerable advantage on the design of a complete Navy ''system'', optimized for high demands of propulsion. This combination of motor drive with ongoing motor technology development will support all Navy requirements and enable usage of solid-state power electronic motor drives throughout the Navy combatant fleet. Requested FY10 funding would support design completion, manufacture and subscale proof of concept demonstrations of a ship-worthy propulsion motor drive system.

I certify that this project does not have a direct and foreseeable effect on the pecuniary interests of me or my spouse.

I took extreme care to ensure that these projects are well vetted and strongly supported within the community. The High Power Density Motor Drive appropriation is of particular interest to my district and importance.

Requesting Member: Congressman TIM MURPHY

Bill Number: H.R. 3326, the Department of Defense Appropriations Act, 2010

Account: 35 0603513N Shipboard System Component Development

Legal Name of Requesting Entity: Converteam Inc.

Address of Requesting Entity: 610 Epsilon Drive; Pittsburgh, PA 15238

Amount: $2,000,000

Description of Request: The Integrated Power System Converter (IPSC) forms the heart of the Navy initiated Integrated Power System (IPS) concept, and this development will provide significant advantages in size, weight and cost reduction across all IPS equipment. In addition, this system will significantly simplify the insertion of advanced weapons. The IPSC consists of power electronics configured to control the performance of ship propulsion motors, ship service distribution and high power weapons or sensors. Additional funding is required in 2010 to construct and test a relevant scale prototype, thereby increasing the Technology Readiness Level that is required for insertion into a Navy Acquisition program.

I certify that this project does not have a direct and foreseeable effect on the pecuniary interests of me or my spouse.

I took extreme care to ensure that these projects are well vetted and strongly supported within the community. The Integrated Power System Converter (IPSC) appropriation is of particular interest to my district and importance.

Requesting Member: Congressman TIM MURPHY

Bill Number: H.R. 3326, the Department of Defense Appropriations Act, 2010

Account: 172 0708045A End Item Industrial Preparedness Activities

Legal Name of Requesting Entity: National Center for Defense Manufacturing and Machining (NCDMM)

Address of Requesting Entity: 1600 Technology Way; LaTrobe, PA 15650

Amount: $2,000,000

Description of Request: NCDMM was established in 2003 to address the DoD need for manufacturing expertise to reduce overall defense program costs (initial development and sustainability costs). NCDMM identifies specific defense manufacturing operations for improvement and implements more modern technology, resulting in reduced costs, shorter lead times and/or enhanced quality of manufactured components. While working with government facilities and large defense companies, outsourcing opportunities arise which are directed to the NCDMM Manufacturing Consortium, consisting primarily of local shops in Western Pennsylvania. Funding will cover four primary core activities including: 1) support of the Manufacturing Consortium and the VOICe program, which receives no other funding; 2) supplement training programs, which benefit local shops and the U.S. industrial base in general; 3) provide for overhead and management of the organization; and 4) remaining funding will be directed to the NCDMM annual Project Call that enables NCDMM to find new opportunities and engage with new DoD customers.

I certify that this project does not have a direct and foreseeable effect on the pecuniary interests of me or my spouse.

I took extreme care to ensure that these projects are well vetted and strongly supported within the community. The National Center for Defense Manufacturing and Machining appropriation is of particular interest to my district and importance to my constituents.

EARMARK DECLARATION

HON. KEVIN McCARTHY

OF CALIFORNIA

IN THE HOUSE OF REPRESENTATIVES

Tuesday, July 28, 2009

Mr. McCARTHY of California. Madam Speaker, pursuant to the Republican Leadership guidelines on earmarks, I am submitting the following information regarding earmarks I requested that were included as part of H.R. 3326, the Department of Defense Appropriations Act, 2010.

Requesting Member: Congressman KEVIN MCCARTHY

Bill Number: H.R. 3326

Account: Research, Development, Test and Evaluation, Navy (Marine Corps)

Legal Name of Requesting Entity: California Polytechnic State University

Address of Requesting Entity: 1 Grand Avenue, San Luis Obispo, CA 93407

Description of Request: $3.5 million was included for the California Central Coast Research Partnership to continue existing projects and undertake new projects in specific research focus areas in conjunction with Office of Naval Research priorities, including power & energy; operational environments; maritime domain awareness; information analysis and communication; Naval warrior performance and protection; survivability and self-defense; and platform mobility. This project is expected to support research for the Department of Defense, while supporting Cal Poly's science and engineering faculty and students.

Requesting Member: Congressman KEVIN MCCARTHY

Bill Number: H.R. 3326

Account: Research, Development, Test and Evaluation, Navy

Legal Name of Requesting Entity: Electronic Warfare Associates, Inc

Address of Requesting Entity: 400 West Reeves Street; Ridgecrest, California 93555

Description of Request: $2 million is included for the Navy Advanced Threat Simulator (NATS) to develop an advanced threat simulator to support development and testing of new electronic warfare systems that will operate against the latest threat surface-to-air missile systems currently being deployed in potentially hostile areas of the world. This project is expected to result in a more robust self-defense capability for our Naval aviators, upgrade China Lake's testing and training ranges, and continue to support local jobs in Ridgecrest.

Requesting Member: Congressman KEVIN MCCARTHY

Bill Number: H.R. 3326

Account: Research, Development, Test and Evaluation, Navy

Legal Name of Requesting Entity: Advatech Pacific, Incorporated

Address of Requesting Entity: 2015 Park Avenue, Suite 8, Redlands, California 92373

Description of Request: $2 million is included for the Flow Path Analysis Tool (FPAT), to continue development of a state-of-the-art ramjet/scramjet analysis tool for military (Army, Navy, and Air Force) and NASA applications. FPAT is expected to save millions of dollars by evaluating feasibility, predicting performance, and eliminating non-viable or too costly design concepts without having to actually build them (or scale models of them) for testing.

Requesting Member: Congressman KEVIN MCCARTHY

Bill Number: H.R. 3326

Account: Research, Development, Test and Evaluation, Navy

Legal Name of Requesting Entity: AAI Corporation

Address of Requesting Entity: 124 Industry Lane, Hunt Valley, Maryland 21030.

Description of Request: $2 million is included for the Next Generation Electronic Warfare Simulator (NGEWS), to provide simulation support for the EA–18G's advanced Electronics Surveillance Measure capability. The F/A–18 Advanced Weapons Lab at China Lake, California is expected to use this capability to more efficiently complete their mission of testing the EA–18G and save money by optimizing lab testing rather than flight testing.

Requesting Member: Congressman KEVIN MCCARTHY

Bill Number: H.R. 3326

Account: Research, Development, Test and Evaluation, Air Force

Legal Name of Requesting Entity: Aerojet-General Corporation

Address of Requesting Entity: PO Box 13222, Sacramento, CA 95813–6000

Description of Request: $1.5 million is included for Test Stand 2–A technical improvements to be used for technical improvements to test stand connections or interfaces at the Air Force Research Laboratory's Propulsion Directorate at Edwards Air Force Base, allowing testing of next generation launch technologies while lowering the cost of putting payloads into orbit. This test stand is a national asset, and these modifications will help to ensure thorough testing of the next generation of re-usable launch vehicles that leverage advanced domestic propulsion technology.