Subcommittee:	Defense			
Proposed Recipient	**Full Address of Proposed Recipient**	**Name of Project (submissions are listed alphabetically by project name)**	**Amount Requested**	**Explanation of Request including purpose and why it is a valuable use of taxpayer funds.**
OTO Melara North America, Inc	1625 I Street NW Suite 1200 Washington, DC 20006	76mm Swarmbuster Capability	$ 2,000,000	This is a valuable use of taxpayer funds because it would be used to integrate the highly accurate fire control information from the MK 15 Close-In Weapons Systems with the high rate of fire, medium caliber, 76mm gun on FFG-7 Class ships to provide FFG-7 Class and possibly other Navy ships with a protection against high-speed maneuvering surface threat.
Goodrich Engineered Polymer Products	6061 Goodrich Boulevard Jacksonville, FL 32226	Advanced Manufacturing for Submarine Bow Domes and Rubber Boots	$ 2,000,000	This is a valuable use of taxpayer funds because developing advanced manufacturing techniques for submarine bow domes and boots provides a new opportunity to further drive down the cost of submarine construction. An approved out of autoclave material system will provide greater manufacturing flexibility while maintaining stringent reliability and quality requirements. Additionally, removal of the autoclave from the manufacturing process allows the fabrication of domes and rubber boots for larger submarines like the replacement SSBN.

Nanotherapeutics	13859 Progress Boulevard Alachua, FL 32615	Anti-Microbial Bone Graft Product	$ 2,000,000	This is a valuable use of taxpayer funds because it would be used to evaluate the ability to expedite the healing of open tibial and femoral fractures among injured U.S. soldiers thus preventing death or further injury from infections. According to the U.S. Army Institute of Surgical Research, open fractures account for approximately 20 percent of all combat-related injuries in soldiers. Infection presents an enormous surgical challenge and leads to considerable loss of life. And, despite meticulous treatment, these fractures cause complications that can threaten the viability of the limb and even the life of the patient.
Accenture National Security Services	9432 Bay Meadows Road Jacksonville, FL 32256	Enterprise Services for Reach Back Capabilities (ESRBC)	$ 1,000,000	This is a valuable use of taxpayer funds because without ESRBC, in time of need, DoD's massive infrastructure and independent nature makes any deployment costly and difficult logistically. ESRBC will enable quick, flexible, interoperable, reliable, and consistent services for the warfighter at a reduced cost via centralized software support. ESRBC technology is currently being used in the Air Force training community to remotely setup and execute training events including training in theaters at war. Scaling of this technology for the DoD can save hundreds of million of dollars a year in just these areas.

Lockheed Martin Simulation, Training & Support	12506 Lake Underhill Road Orlando, FL 32825	Joint Military Operation in Urban Terrain (MOUT) and Cultural Training, Center of Excellence (Urban Training Development)	$ 3,000,000	This is a valuable use of taxpayer funds because it will develop key requirements and begin technology integration and assessment of technologies to support the rapid verification and fielding of MOUT/UE training enablers.
L-3 Communications	13000 Route 73 Suite 400 Marlton, NJ 08053	Low Cost Stabilized Turret	$ 1,500,000	This is a valuable use of taxpayer funds because the Force Protection Task Force has a requirement for a low cost autonomous surveillance of designated areas. Low Cost Stabilized Turret will provide a light weight, low cost solution for a flexible, efficient payload that is consistent with this requirement and the warfighter's needs, yet in a cost range consistent with the concept of expendable systems.
Orion Solutions, LLC	7545 Centurion Parkway, Suite 403 Jacksonville, FL 32256	Low Frequency Active Towed Sonar System (LFATS) Organic ASW Capability	$ 2,000,000	This is a valuable use of taxpayer funds because the Chief of Naval Operations (CNO) has stated that Anti-Submarine Warfare (ASW) is his number one priority. ASW is critical to defend the sea base and assure access to and within the littorals in the face of the proliferation of quiet, technologically advanced submarines in the hands of nations that might choose to deny us freedom of the seas. This program provides the potential for key advancements in the area of ASW and works towards the CNO's highest priority.

Florida State University	109 Westcott Building Tallahassee, FL 32306	Nanotubes Optimized for Lightweight Exceptional Strength (NOLES) Composite Materials	$ 4,300,000	This is a valuable use of taxpayer funds because producing lightweight multifunctional composites (resins impregnated with nanotubes) hold the promise of creating structures, which, pound for pound, will be the strongest ever known, and hence offer maximum personnel and vehicle protection.
Naval Cadet Corps	2300 Wilson Blvd Arlington, VA 22201	Naval Cadet Corps	$ 650,600	The funding would be used to enable more high school children to take part in the Naval Sea Cadet program by reducing out-of pocket expenses. The program is a valuable use of taxpayer funds because it promotes the Navy and Coast Guard, particularly in those areas of the U.S where these Services have little presence. Over 2,000 ex-Sea Cadets enlist annually and an average of over 10% of USNA Midshipmen are ex-Cadets. The Navy estimates that 2,000 out of an eligibility pool of 20,000 enlist in the Services annually.
University of North Florida	1 UNF Drive Jacksonville, FL 32224	Ruggedized Military Laptop Fuel Cell Power Supply	$ 2,000,000	This project is a benefit to DOD because it addresses urgent military requirements for extended-run power and offers spin-off potential for other products such as unattended ground sensors, handheld devises, GPS, and micro air vehicles. It will reduce reliance on batteries and greatly simplify supply chain for military field electronics.
Concurrent Technologies Corporation	9570 Regency Square Boulevard Jacksonville, FL 32225	Sustainable Maintenance and Repair Technologies for Aircraft Composites	$ 1,500,000	The program is a valuable use of taxpayer funds because it reduces costs associated with the maintenance and repair of aircraft composites while improving maintainability and reliability.