

FY 2011 Department of Defense Authorization Act & Appropriation
Requests
Senator Barbara Boxer

Projects are Listed in Alphabetical Order

California Enhanced Defense Small Manufacturing Suppliers (CEDSS) Pilot

Recipient: California Manufacturing Technology Consulting (CMTCC)

Location: Torrance, CA

Amount: \$3,800,000

This project will advance and accelerate the development of a California Enhanced Defense Small Manufacturers Suppliers (CEDSS) pilot program, which is helping California's small and medium-sized manufacturers expand their capabilities and secure contracts to perform work for the Department of Defense.

CALSTART Defense Advanced Transportation Technology Program, Hybrid Truck Users Forum (HTUF)

Recipient: National Automotive Center (NAC)

Location: Pasadena, CA

Amount: \$10,000,000

This program will be used to facilitate the continued development of dual-use, high-efficiency technologies that will give the U.S. military more advanced, clean fuel vehicles for the future. Apart from the environmental benefits of using less fuel and producing fewer emissions, hybrid technology offers safety benefits, such as fewer refueling stops, to military operations.

Cleanup of Former Almaden Air Force Station (AFS), Mt. Umunhum

Recipient: Midpeninsula Regional Open Space District

Location: Los Altos, CA

Amount: \$4,280,000

Funds will be used to continue environmental assessment and remediation work at the former Almaden Air Force Base, a critical component of the larger 17,000-acre Sierra Azul Open Space Preserve. This former AFS site has extensive contamination from asbestos-laden buildings, among other sources, and these toxic materials are threatening the potable water supply. This cleanup will help to prepare the site for public access.

Cyber Test Center

Recipient: Naval Base Ventura County

Location: Ventura, CA

Amount: \$5,000,000

This funding will help enhance a Cyber Test capability at the Naval Base Ventura County to help our military test systems to counter cyber and net-centric attacks.

Fleet Industrial Supply Center Infrastructure Improvements (Alameda Landing)

Recipient: City of Alameda

Location: Alameda, CA

Amount: \$4,700,000

The Alameda Reuse and Redevelopment Authority will demolish buildings on the former Fleet Industrial Supply Center, now called Alameda Landing, that have been empty for more than a decade so that the property can be redeveloped, creating new jobs and affordable housing.

Full Scale Impact and Blast Loading Laboratory Testing Program

Recipient: University of California, San Diego

Location: San Diego, CA

Amount: \$3,000,000

This funding provides for continued tests which simulate full-scale explosions using a hydraulic-based blast simulator. These tests help develop strategies to better protect Americans, particularly our men and women serving in the military, and infrastructure such as bridges and embassy buildings from explosive attacks.

Inland Empire Groundwater Perchlorate Remediation

Recipient: Cities of Rialto and Colton, Fontana Water Company and West Valley Water District

Location: Fontana, CA

Amount: \$15,000,000

There is significant groundwater contamination in the Inland Empire around a site where the Army and defense contractors used perchlorate, an ingredient in rocket fuel. These funds will provide wellhead treatment and cover other expenses associated with reducing the flow of groundwater contaminated with perchlorate and will ensure an adequate supply of safe drinking water for the surrounding communities.

March Air Reserve Base Reuse Infrastructure Improvements

Recipient: March Joint Powers Authority

Location: Riverside, CA

Amount: \$3,000,000

This funding will be used to demolish several structures and upgrade public utilities on property formerly owned by the U.S. Air Force that was transferred to the March Joint Powers Authority.

McClellan Air Force Base Infrastructure Improvements

Recipient: County of Sacramento

Location: Sacramento, CA

Amount: \$4,900,000

This project will fund infrastructure improvements at the former McClellan Air Force Base, which has been closed since 1995, to continue converting the area from military to civilian use. This will allow for mixed-use development and further growth of the McClellan Business Park, which brings economic benefits to the entire Sacramento area.

Military Burn Trauma Research Program

Recipient: Burns Outcomes Research Institute (BORI) at University of California, Davis

Location: California and nationwide

Amount: \$ 8,000,000

This project will fund the completion of the Burn Outcomes Research Institute (BORI) at the University of California, Davis, as well as three actual clinical burn trials to advance the treatment of service members who suffer burns during military service. These clinical trials will work to solve issues related to scarring and limitations in physical function and movement, and focus on helping service members return to society as independent and confident burn survivors.

Mine Resistant Ambush Protected Vehicle Virtual Trainer

Recipient: California National Guard

Location: Camp Roberts, CA

Amount: \$6,000,000

The Mine Resistant Ambush Protected Vehicle (MRAP) is part of a new family of combat vehicles that help protect service members from Improvised Explosive Devices (IEDs). This MRAP virtual trainer will help California National Guard soldiers carry out necessary training, particularly involving disarming and destroying IEDs, prior to their deployment to a combat zone.

Neuroscience Center of Excellence-Neuropsychiatric and Neurotrauma in U.S. War Fighters

Recipient: Northern California Institute for Research and Education (NCIRE)

Location: San Francisco, CA

Amount: \$6,250,000

The Northern California Institute for Research and Education's Neuroscience Center of Excellence, which is the only research center of its kind associated with the Veterans Administration health care system, conducts research to improve prevention, diagnosis and treatment of Post-Traumatic Stress Disorder (PTSD), traumatic brain injuries and spinal cord injuries.

The Operating Room of the Future

Recipient: Cedars-Sinai Medical Center

Location: Los Angeles, CA

Amount: \$2,900,000

The U.S. Army continues to partner with Cedars-Sinai to improve combat medicine and surgery. This third-year funding will be used to complete the design and development of a neurosurgery-orthopedic operating room with new flexible and mobile technology, which will be used to demonstrate and put into practice improved configurations for combat zone operating rooms, where military surgeons are confronting and treating new types of injuries.

Post-Traumatic Stress Disorder Attention Modification Program

Recipient: San Diego State University

Location: San Diego, CA

Amount: \$1,500,000

This funding will be used to conduct additional studies on a software-based system that has shown promise to treat Post-Traumatic Stress Disorder (PTSD) among members of the military, particularly those returning from Iraq and Afghanistan. The system is efficient, easy to administer and cost effective, and can easily be expanded a broader population of veterans.

Strategic Language Initiative

Recipient: California State University, Long Beach

Location: California State University System

Amount: \$3,496,500

This funding will further the development of critical foreign language programs which will help meet America's national security needs. The initiative will help graduate more professionals with language skills and cultural knowledge in Arabic, Mandarin, Korean, Persian, Russian and Urdu, languages that are critical to intelligence gathering, diplomacy, and military operations.

U.S. Naval Sea Cadet Corps (NSCC)

Recipient: U.S. Naval Sea Cadet Corps

Location: California and nationwide

Amount: \$635,000 above President's Budget

The Naval Sea Cadet Corps provides nearly 9,000 young men and women each year with the opportunity to learn about seamanship and aviation. The program also helps Cadets develop self-confidence, self-discipline, and a sense of duty to their communities.

Web-Based Teaching Programs for Military Social Work

Recipient: University of Southern California

Location: Los Angeles, CA

Amount: \$7,000,000

This project will continue the development of a virtual reality and web-based teaching program to help speed the training and improve the quality of military social workers. The ultimate objective of the program is the creation of a highly interactive online course for degree and non-degree certification in military social work. The coursework will emphasize assisting the whole family, including spouses and children, who suffer the consequences of repeated deployments and tensions from separation and war.