Project Title: Columbia Emergency Operations Center
Amount: $400,000
Intended Recipient: City of Columbia, SC
Purpose: Refit and fully equip the Emergency Operations Center to ensure that City first responders have the coordination and the tools they need to respond to disasters and emergencies, both natural and man-made.
Description:

The City of Columbia and the University of South Carolina have close working agreements especially during sporting events at Williams Brice Stadium, which seats in excess of 83,000. Emergency plans call for the City to be the backup Emergency Operations Center (EOC) if and when needed. In addition, the City of Columbia is an active Metropolitan Medical Response System (MMRS) coordinator and as such, monitors the seven (7) counties in Department of Health and Environmental Control Region III in order to mount a rapid response to any medical emergency. The Center allows them to monitor Web-EOC in order to anticipate needed supplies, which greatly reduces reaction time.

The requested funding will be used to refit and fully equip the Emergency Operations Center to ensure that City first responders have the coordination and the tools they need to respond to disasters and emergencies, both natural and man-made. The Center will serve the incorporated areas of Columbia, which include portions of both Richland and Lexington counties.

Project Title: Fairfield County Emergency Operations Center
Amount: $500,000
Intended Recipient: Fairfield County, SC
Purpose: Improve emergency communication capabilities near the Summer Nuclear Power Facility.
Description:

The federal government has the primary responsibility for homeland security and with that comes keeping us safe against terrorists attacks. Each year, the federal government assists state and local governments in addressing extraordinary homeland security concerns. Fairfield County is a rural county with a small population that has an out-sized terrorist threat because of the presence of V.C. Summer Nuclear Power Facility in its western reaches. Federal funding will be used to build out emergency communications capabilities near V.C. Summer. The project will also modify and equip an existing county-owned building so that it can serve as an emergency operations center in the event of a terrorist attack or other emergency associated with the nuclear facility.

Project Title: Georgetown Emergency Operations and Training Center
Amount: $1,000,000
Intended Recipient: Georgetown County, SC
Purpose: Enhance the Emergency Operations Center/Emergency Services Training Center.
Description:

Federal funding would enable Georgetown County to replace an outdated 700 square foot Emergency Operations Center with a new state-of-the-art facility containing enough room to

accommodate those required in cases of emergency activations. The current facility lacks sufficient space to accommodate all required partners, provides no space for updated technology required to manage emergencies and disasters, and is located in an area prone to flooding which requires the county to identify and maintain back-up facilities in cases when the existing EOC would be unsafe due to flooding and/or storm surge. Construction of a combined EOC / Emergency Services Training Center will mean Georgetown County can improve response to disasters and emergencies, be prepared to manage long-term disaster response and house staff during protracted incidents and emergencies.

Project Title: RealWorld Simulation Implementation in Project Seahawk
Amount: $1,000,000
Intended Recipient: Total Immersion Software, Hampton, VA
Purpose: Project to enhance the protection, security, and infrastructure of seaports nationally.
Description:

It is widely recognized that the nation's seaports are subject to a variety of threats and constitute a major target for terrorist activity. The Port of Charleston's Project SeaHawk was created as a unique, benchmark project to enhance the protection, security, and infrastructure of seaports nationally. This funding will allow Space and Naval Warfare Systems Command-Atlantic (SPARWAR-Atlantic) to collaborate with the Department of Homeland Security (DHS) on implementing the use of the RealWorld technology within Project SeaHawk for enhanced port security.

This program will make substantial progress towards the creation of a national 3-D Modeling and Simulation platform for port security and provide access to the RealWorld technology to the Port of Charleston in its initial year. This program would provide the funding for the DHS, in collaboration with SPAWAR, Project Seahawk Task Force, and the National Law Enforcement and Corrections Technology Center, to leverage $40 million dollars already invested by Department of Defense.

Project Title: Unmanned, Rapid Response, Interconnected Underwater ROV System
Amount: $1,000,000
Intended Recipient: Charleston County Sheriff's Office, Charleston, SC
Purpose: To support research to provide integration between ROV navigation information, video, and position data.
Description:

The current limitations in Remotely Operated Underwater Vehicle (ROV) technology present several challenges to homeland security/law enforcement agencies as they work to complete their varied missions. Current technology requires significant time and resources to deploy, limiting its use during rapid response operations. Research is needed to provide for integration between ROV navigation information, video, and position data. This information needs to be merged with navigation and other information from divers and other assets in a format that is not only usable by the operating team, but can also be broadcast to incident commanders and partner agencies. Additionally, research is needed to integrate an unmanned surface craft with ROV, Smart Tether navigation system, and communications system to allow for unmanned operation.

As a user of ROV technology in support of one of the most important commercial/military seaports on the East Coast, Charleston County Sheriff's Office is uniquely able to work with KCF Technologies, developer of the Smart Tether ROV navigation system and VideoRay, developer of

several popular ROV systems. Given Charleston County Sheriff's involvement with Project SEAHAWK, the team plans to involve additional partners such as the Coast Guard, South Carolina Law Enforcement Division, US Military, State Ports Authority, and other local law enforcement.