

# Bay Area UASI

## UASI FY17 Hub Project Proposal Selections

*Approval Authority Review*

*July 13, 2017*





# FY17 Proposal Selection Process

- **Estimated FY17 funding amount using FY16 as guideline**
- **UASI grant compliance review (November 2016 – January 2017)**
- **Hub Voting members prioritize projects (January 2017)**
- **Approval Authority approval (July 2017)**





# FY17 Project Proposal Statistics

Hub	Projects Submitted	Prioritized Above the Line
North Bay	13	7
South Bay	25	10
East Bay	24	14
West Bay	25	13
<b>TOTAL</b>	<b>87</b>	<b>44</b>



# North Bay Projects

## NORTH BAY HUB - FY17 UASI

### Above the Line Projects

Agency	Project Name	Total Project Cost	Suggested Allocation
Sonoma County, Fire & Emergency Services	North Bay Hub Risk/Capability Planner	\$ 156,225	\$156,225
Solano County Office of Emergency Services	Skynet Project	\$ 100,000	\$104,590
Marin County Sheriff's Office of Emergency Services	WebEOC Enhancements	\$ 29,200	\$29,200
Marin County Sheriff's Office of Emergency Services	Regional Mass Notification System	\$ 57,575	\$57,575
Petaluma Police Department	Southern Sonoma County Interoperable Communications System	\$ 64,820	\$64,820
Rio Vista Police Department	2016 Rio Vista PD APX8000 Portable Radio Project	\$ 55,822	\$28,000
<b>TOTALS FOR ABOVE THE LINE PROJECTS:</b>		<b>\$463,642</b>	<b>\$440,410</b>



# North Bay Projects Continued

## NORTH BAY HUB - FY17 UASI

### Below the Line Projects

Agency	Project Name	Total Project Cost	Suggested Allocation
Novato Police Department	2-Fixed ALPR Systems	\$ 25,388	\$25,388
City of Fairfield Fire Department	Emergency Management Simulation Table - SimTable™	\$ 62,055	\$62,055
Benicia Police Department	FY 2017 UASI Benicia PD APX 7000 Radio Project	\$ 57,260	\$57,260
Solano County District Attorney	Radio Interoperability	\$ 274,299	\$274,299
Petaluma Police Department	Tactical Equipment Upgrade and Replacement	\$ 33,809	\$33,809
Sonoma-Marin Area Rail Transit	Emergency Response Trailer	\$ 23,943	\$23,943
Petaluma Police Department	Emergency Response Vehicle	\$ 247,000	\$247,000
<b>TOTALS FOR BELOW THE LINE PROJECTS:</b>		<b><u>\$723,754</u></b>	<b><u>\$723,754</u></b>



# North Bay Hub Planner

<b>Project Name:</b>	North Bay Hub Risk/Capability Planner
<b>Organization:</b>	County of Sonoma Fire/OES
<b>Project Lead:</b>	Brendan Kearney, <i>UASI Program Mgr NB Hub</i>
<b>Project Cost:</b>	\$156,225
<b>Amount:</b>	\$156,225

## Project Summary

Position continues to support terrorism preparedness in ongoing efforts to continually update/add CIKR assets, coordinate capability assessments; assist with developing project proposals; identify training opportunities, and provide consensus driven innovative solution to often complex challenges through outreach to North Bay and regional stakeholders.



# Skynet

<b>Project Name:</b>	Skynet Project
<b>Organization:</b>	Solano County OES
<b>Project Lead:</b>	Jackson Harris, <i>OES Sergeant</i>
<b>Project Cost:</b>	\$2,080,945 (\$100,000 Revised Ask)
<b>Amount:</b>	\$104,590

## Project Summary

Solano County has 35 predetermined locations that are considered `chokepoints` in the county. They are used to observe suspects and suspect vehicles in order to apprehend major offenders before they leave the county. Unfortunately, one person monitoring 5 lanes of freeway speed traffic, assuming they even got there in time, is difficult. This project would allow remote viewing and LPR technology to more accurately determine exactly when a suspect or vehicle has passed a beacon and give us surveillance to better apprehend or predict their behavior.



# WebEOC Enhancements

<b>Project Name:</b>	WebEOC Enhancements
<b>Organization:</b>	Marin County Sheriff's OES
<b>Project Lead:</b>	Chris Reilly
<b>Project Cost:</b>	\$64,276 (\$29,200 Revised Ask)
<b>Amount:</b>	\$29,200

## Project Summary

This project provides the WebEOC Dashboard Plug-In software to allow end users to easily build ad hoc dashboards to give greater situational awareness, the Board Scheduler Module that offers high capability calendaring for multi agency and multi user applications, the External Content Manager that allows easy and automated publishing of selected data from within WebEOC to websites and finally the Module Care Plan + WebEOC Pro support plans.





# Regional Mass Notification System

<b>Project Name:</b>	Regional Mass Notification System
<b>Organization:</b>	Marin County Sheriff's OES
<b>Project Lead:</b>	Chris Reilly
<b>Project Cost:</b>	\$57,575
<b>Amount:</b>	\$57,575

## Project Summary

Building upon efforts to date and the success of the BAUASI Public Information and Warning Working Group, this project will maintain effective regional mass notification capability through a common operating platform. The regional OAs of Marin, ALCO, SF and San Mateo have agreed to develop an OA to OA regional back-up notification capability. This project will also provide a platform for the OAs in the region to share notifications, best practices and training.



# Interoperable Communications Upgrade

<b>Project Name:</b>	So. Sonoma County Interop Comms System Upgrade
<b>Organization:</b>	Petaluma Police Department
<b>Project Lead:</b>	Ken Savano, <i>Lieutenant</i>
<b>Project Cost:</b>	\$64,820
<b>Amount:</b>	\$64,820

## Project Summary

This is a 3 phase project. Phase 1 would connect our existing radio system to Sonoma County's main system via microwave (\$75,000). This includes the cost to upgrade 2 of our 5 dispatch consoles. The remaining 2 phases of the project include plans to build out the first 2 existing radio channels and add a 3rd repeated PPD channel. PPD will cover the \$75,000 described in phase 1. The cost per workstation upgrade is \$20,000 for a total requested amount of \$60,000 which would sufficiently cover the cost to upgrade the remaining 3 consoles. We may seek additional funds from UASI in the future, however phase 1 stands alone by connecting our agency to a regional communications system- integrating Sonoma and Marin counties.



# APX8000 Portable Radio Project

<b>Project Name:</b>	APX8000 Portable Radio Project
<b>Organization:</b>	Rio Vista Police Department
<b>Project Lead:</b>	Julie Gorwood, <i>Commander</i>
<b>Project Cost:</b>	\$55,822
<b>Amount:</b>	\$28,000

## Project Summary

The purchase of (8) Motorola APX8000 Digital portable radios that are P25 compliant will allow Rio Vista PD to have designated radios that could be deployed to officers; not only from Rio Vista PD, but to officers from outside agencies that respond to Rio Vista to assist during the initial response to a major event and would allow ability to communicate with each other immediately. A bank of chargers will need to be purchased to keep the radios charged and ready for service and come with a portable shoulder microphone. These Motorola APX8000 Digital Portable radios have the capability to be programmed so the user can communicate with other out of county jurisdictions/dispatch areas if needed.



# South Bay Projects

## SOUTH BAY HUB- FY17 UASI

### Above the Line Projects

Agency	Project Name	Total Project Cost	Suggested Allocation
Marina Police Department	Special Response Unit Vehicle	\$ 296,546	\$ 296,546
City of San Jose - Office of Emergency Services	Mass Care Departmental Operations Center (DOC)(Scalable up to 10)	\$ 56,696	\$ 56,696
City of San Jose Fire Department	Mass Spectrometer Chemical Detector	\$ 130,825	\$ 130,825
City of San Jose Police Department	Bomb Squad CBRNE Search & Detection Equipment	\$ 175,000	\$ 175,000
Santa Clara County Sheriff's Office	Helicopter Downlink	\$ 233,859	\$ 233,859
Santa Clara County Sheriff's Office	Bomb Squad K9 *	\$ 195,600	\$ 54,000
SBISS	Regional Datawarehouse	\$ 200,000	\$ 200,000
Santa Clara County Emergency Medical Services Agency	700/800 mHz Hospital Disaster Radio Project	\$ 70,000	\$ 52,500
San Benito County Office of Emergency Services	WebEOC Core Subscription 2	\$ 21,500	\$ 21,500
Sunnyvale Department of Public Safety	Preventative Radiological, Nuclear Detection Equipment Grant Scalable *	\$ 128,067	\$ 110,567
<b>TOTALS FOR ABOVE THE LINE PROJECTS:</b>		<b><u>\$1,508,094</u></b>	<b><u>\$ 1,331,494</u></b>



# South Bay Projects Continued

## SOUTH BAY HUB- FY17 UASI

### Below the Line Projects

Agency	Project Name	Total Project Cost	Suggested Allocation
Sunnyvale Department of Public Safety	Preventative Radiological, Nuclear Detection Equipment Grant Scalable*	\$ 128,067	\$ 17,500
Santa Clara County Emergency Medical Services Agency	700/800 mHz Hospital Disaster Radio Project	\$ 70,000	\$ 17,500
City of San Jose Fire Department	AreaRae Pro Wireless Transportable Area Monitors	\$ 98,112	\$ 98,112
Monterey County Sheriff	UPGRADE Remotely Piloted vehicles	\$ 97,811	\$ 97,811
City of San Jose - Office of Emergency Services	One (1) Emergency Logistics Equipment Trailer (Scalable up to 10)	\$ 30,992	\$ 30,992
Monterey County Sheriff	Churchill Navigation ARS 600	\$ 155,599	\$ 155,599
City of San Jose - Office of Emergency Services	One (1) Emergency Logistics Equipment Prime Mover (Scalable up to 10)	\$ 81,184	\$ 81,184
City of San Jose - Office of Emergency Services	Shelter Management Team Package (Scalable up to 10)	\$ 38,633	\$ 38,633
City of San Jose - Office of Emergency Services	Type I Evacuation Management Team Package - San José Office of Emergency Services UASI Grant Program (Scalable up to 10)	\$ 37,070	\$ 37,070
City of San Jose - Office of Emergency Services	One (1) Emergency Logistics Equipment Package Type I Vehicular Commodity Points of Distribution (POD) (Scalable up to 8)	\$ 23,409	\$ 23,409
Palo Alto Police Department OES	Solar Generator for Mobile Emergency Operation Center (MEOC) and other Command Posts	\$ 218,000	\$ 218,000
Santa Clara County Emergency Medical Services Agency	Multiband EMS Radio Project Scalable to 112,000	\$ 231,720	\$ 231,720
City of San Jose - Office of Emergency Services	Weather/Civil Emergency/Hazard Radios for Hospitals, Medical Clinics and Assisted Living Facilities	\$ 610	\$ 610
City of San Jose	P25 Dispatch Consoles	\$ 250,000	\$ 250,000
City of San Jose	Pole Cameras	\$ 71,000	\$ 71,000
City of San Jose	Social Media Platform	\$ 23,000	\$ 23,000
SCC District Attorney	Crime Analyst	\$ 10,677	\$ 10,677
<b>TOTALS FOR BELOW THE LINE PROJECTS:</b>		<b>\$ 1,565,885</b>	<b>\$ 1,402,818</b>

NP - not prioritized

NF - not funded

\* Projects 6022 and 6066: Remaining project costs are recommended as unfunded amounts.



# Special Response Unit Vehicle

<b>Project Name:</b>	Special Response Unit Vehicle
<b>Organization:</b>	Marina Police Department
<b>Project Lead:</b>	Roberto Filice
<b>Project Cost:</b>	\$296,546
<b>Amount:</b>	\$296,546

## Project Summary

MPSRU (Monterey Special Response Unit) requests to purchase a Bearcat to provide protection for our team against CBRNE/HazMat.

This Bearcat will provide rescue capabilities for teams in a hot zone, and rescue for civilians in a San Bernardino like situation.

The Bearcat seats 8, and it is highly maneuverable.

The nearest Bearcat is about two hours away. Our current light armored vehicle does not protect against CBRNE, only seats 4, and does not easily navigate the municipalities we serve. It has outlived its usability.



# Mass Care DOCs

<b>Project Name:</b>	Mass Care Departmental Operations Centers
<b>Organization:</b>	San Jose OES
<b>Project Lead:</b>	Cay Denise MacKenzie, <i>Sr. Emergency Planner</i>
<b>Project Cost:</b>	\$56,696
<b>Amount:</b>	\$56,696

## Project Summary

Project would resource Mass Care DOC in a pre-existing facility to support mass care and critical resource logistics activities in San José. Mass Care DOC supports EOC Mass Care Branch in the EOC Ops Section in managing 60 shelters, 60 mass feeding sites, 20 animal care sites, 10 LSAs, 120 C-PODs, 20 P-PODS, 10 DRCs, 10 EVCs, and donations plus NGO/CBO/FBO coordination, AFN support, language needs, and medical needs. SCALABLE UP TO 10 (\$56,696-\$566,960) Mass Care Services (4%)



# Mass Spectrometer Chemical Detector

<b>Project Name:</b>	Mass Spectrometer Chemical Detector
<b>Organization:</b>	San Jose Fire Department
<b>Project Lead:</b>	Thomas Lass, <i>Firefighter</i>
<b>Project Cost:</b>	\$130,825
<b>Amount:</b>	\$130,825

## Project Summary

We are requesting funding for 2 handheld mass spectrometer monitor (MassSpec) used for CBRNE warfare agents. There are no city/county hazmat teams with MassSpec on the West Coast. Examples of MassSpec detection methods are (1)source point identification i.e. nerve agent,(2) vapor sampling within a large public event/venue (3)trace samples, such as hand swabbing for explosive residue (4)air sampling data which determines the extent of CBRNE release & establish safe refuge areas. Accurate analysis is critical during CBRNE events for both law enforcement and hazmat to identify the appropriate course of action to apprehend terrorists, ensure public safety, and mitigate loss of life.





# Bomb Squad CBRNE Search & Detection Equipment

<b>Project Name:</b>	Bomb Squad CBRNE Search & Rescue Equipment
<b>Organization:</b>	San Jose Police Department
<b>Project Lead:</b>	Robert Lang
<b>Project Cost:</b>	\$175,000
<b>Amount:</b>	\$175,000

## Project Summary

The equipment requested will give our bomb squad & Department the ability to search for/detect CBRNE materials and identify specific isotopes. This will allow us to determine if this item is a threat or not. Our bomb squad is a regional asset which works in our county as well as several other counties in the Bay Area (San Francisco, San Mateo, Monterey, Santa Cruz, etc). This project is a collaborative effort between SJPD and SJFD since each discipline is needed to combat the CBRNE threat.



# Helicopter Downlink

<b>Project Name:</b>	Helicopter Downlink
<b>Organization:</b>	Santa Clara County Sheriff
<b>Project Lead:</b>	Dustin Davis, <i>Sergeant</i>
<b>Project Cost:</b>	\$468,859 (\$233,859 Revised Ask)
<b>Amount:</b>	\$233,859

## Project Summary

Attaches to the helicopter and enables video down link to ground hand held devices and receiver units. Has the ability to feed an EOC and mobile command center as needed. Standardizes equipment between San Jose and Contra Costa County helicopters allowing better integration should pilots and observers have to work in different vehicles.



# Bomb Squad K9

<b>Project Name:</b>	Bomb Squad K9
<b>Organization:</b>	Santa Clara County Sheriff's Office
<b>Project Lead:</b>	Dustin Davis, <i>Sergeant</i>
<b>Project Cost:</b>	\$195,600
<b>Amount:</b>	\$54,000

## Project Summary

This project will embed single purpose explosive detection canines with the bomb squad. This will make the bomb squad more effective, versatile and robust in their detection, response and mitigation of terrorist attacks. There is a shortage of available single purpose explosive detection canines in the area. Often times while responding to suspicious package calls requests have been made for detection canines to conduct secondary sweeps for the bomb squad and response times have been greatly extended or completely unavailable thus impeding the bomb squad mission. The bomb squad is regularly tasked to conduct explosive sweeps, oftentimes without the assistance of an explosive canine.



# Regional Data Warehouse

<b>Project Name:</b>	Regional Data Warehouse
<b>Organization:</b>	Santa Clara County Sheriff's Office
<b>Project Lead:</b>	Heather Plamondon
<b>Project Cost:</b>	\$200,000
<b>Amount:</b>	\$200,000

## Project Summary

This project establishes a single platform agnostic consolidation data warehouse which can feed all of the disparate RMS data, as well as Jail Management, Mugshot and Case Management Systems for the participating Counties into a single unified source for sharing. This is done through the connectivity of Information Sharing Exchange software with a transfer of the data to a collection point which will allow for the single connection to the sharing platform.



# 700/800 MHz Hospital Disaster Radio Project

<b>Project Name:</b>	700/800 MHz Hospital Disaster Radio Project
<b>Organization:</b>	Santa Clara EMS
<b>Project Lead:</b>	Michael Cabano, <i>EMS Program Mgr</i>
<b>Project Cost:</b>	\$112,395 (\$70,00 Revised Ask)
<b>Amount:</b>	\$52,500

## Project Summary

Radios provide interoperability with mutual aid resources responding or deployed to the operational area. They allow for immediate communication with the hospital to address resources requests, sustainability of hospital services and emergent needs. The 36 radios would allow for 12 hospitals within the operational area to deploy a radio to key members of the HICS Team (ED Mgr, House Supervisor and Safety Officer). Maintaining redundant communications with key stakeholders is critical in the Medical Health System during periods of medical surge, catastrophic events or epidemics. All of the areas listed tie directly to areas of improvement that we have seen national wide when dealing with both domestic and foreign terrorist activities.



# WebEOC Core Subscription

**Project Name:** WebEOC Core Subscription

**Organization:** San Benito OES

**Project Lead:** Kevin O’Neill, *Emergency Svcs Manager*

**Project Cost:** \$21,500

**Amount:** \$21,500

## Project Summary

Acquire initial subscription to WebEOC Core.



# Preventive Rad Nuc Detection Equipment

<b>Project Name:</b>	Preventive Radiological Nuclear Detection Equipment
<b>Organization:</b>	Sunnyvale Department of Public Safety
<b>Project Lead:</b>	Elaine Ketell, <i>Management Analyst</i>
<b>Project Cost:</b>	\$128,067
<b>Amount:</b>	\$110,567

## Project Summary

This grant will equip Sunnyvale Public Safety Personnel with combination Personal Radiation Detectors (PRDs) with built in dosimetry capability to be utilized as primary screening devices. The grant also provides a means for secondary screening, utilizing a Radioisotope Identifying Device (RIID) to verify the specific isotope located during any primary screening alarm. The equipment will be deployed to mutual aid events throughout the region, for primary detection, secondary screening and technical reach-back missions; during augmented PRND detection based on threat analysis/large public gatherings; or in active intelligence driven search for radiological or nuclear material.



# East Bay Projects

## EAST BAY HUB - FY17 UASI

### Above the Line Projects

Agency	Project Name	Total Project Cost	Suggested Allocation
Alameda County Sheriff's Office of Emergency Services	AC Alert Unified Emergency Notification System	\$ 251,140	\$ 251,140
Contra Costa County Fire Protection District	USAR/Haz-Mat/Fire Support Vehicles	\$ 145,082	\$ 145,082
Oakland Police Department	Helicopter Simulator	\$ 160,001	\$ 160,001
Contra Costa County Fire Protection District	Towable Emergency Generator	\$ 96,565	\$ 96,565
Hayward Police Department	Communication/Computer equipment for Mobile Command Center	\$ 95,138	\$ 85,138
Contra Costa County Sheriff	Vision and Optics Enhancements for SWAT	\$ 223,218	\$ 172,600
Alameda County Fire Department	High Pressure Mass Spec.	\$ 78,293	\$ 62,634
Contra Costa County Sheriff	Community Warning System Outreach	\$ 24,955	\$ 24,955
Alameda County Emergency Medical Services Agency	Stop the Bleed, Save a Life - part II	\$ 60,769	\$ 50,769
Walnut Creek Police Department	Remotec Andros F6 Maintenance and Upgrade w/ CBRNE Detection Enhancements	\$ 66,620	\$ 66,620
Alameda County Fire Department	Telehandler 15K wheeled lift	\$ 183,330	\$ 140,329
Walnut Creek Police Department	Radiation Detection Monitors	\$ 11,547	\$ 11,547
Oakland Police Department	Electronic Services Unit Equipment Vehicle (33.3%)	\$ 50,000	\$ 33,666
Walnut Creek Police Department	Grid Aim Detection System	\$ 5,080	\$ 5,081
<b>TOTALS FOR ABOVE THE LINE PROJECTS:</b>		<b>\$ 1,451,738</b>	<b>\$ 1,306,127</b>





# East Bay Projects Continued

## EAST BAY HUB - FY17 UASI

### Below the Line Projects

Agency	Project Name	Total Project Cost	Suggested Allocation
Alameda County Fire Department	High Pressure Mass Spectrometer	\$ 78,293	\$ 15,659
Contra Costa County Sheriff	Vision and Optics Enhancements for SWAT	\$ 223,218	\$ 50,618
Alameda County Fire Department	Telehandler 15K wheeled lift	\$ 183,330	\$ 43,001
San Ramon Police Department	Central County SWAT Rescue and Response Vehicle	\$ 227,850	\$ 227,850
Alameda County Emergency Medical Services Agency	Stop the Bleed, Save a Life - part II	\$ 60,769	\$ 10,000
Contra Costa County Sheriff	Automated License Plate Recognition Systems	\$ 225,253	\$ 225,253
Hayward Police Department	Communication/Computer equipment for Mobile Command Center	\$ 95,138	\$ 10,000
Walnut Creek Police Department	Fixed ALPR's Main Thoroughfares	\$ 109,897	\$ 109,897
Oakland Police Department	Electronic Services Unit Equipment Vehicle (33.3%)	\$ 50,000	\$ 16,334
East Bay Regional Communications System Authority	Redundant Centralized Logging Solution <i>(further internal review expected)</i>	\$ 476,957	\$ -
Alameda County Fire Department	Rescue Support Vehicle	\$ 76,650	\$ 76,650
Alameda County Fire Department	UTV with Trailer	\$ 25,295	\$ 25,295
Oakland Fire-Emerg. Mgmt. Svcs. Div.	Jaws of life and cutting tools	\$ 49,275	\$ 49,275
Berkeley Police Department	OpenVision™ CF C-arm Live Video X-ray System, Model OVCF-SEC-70B	\$ 75,530	\$ 75,530
East Bay Regional Park District Police Department	P25 Radio Purchase	\$ 96,644	\$ 96,644
<b>TOTALS FOR BELOW THE LINE PROJECTS:</b>		<b>\$ 2,054,098</b>	<b>\$ 1,032,006</b>



# AC Alert Notification System

<b>Project Name:</b>	AC Alert Unified Emergency Notification System
<b>Organization:</b>	Alameda County Sheriff's OES
<b>Project Lead:</b>	Paul Hess, <i>Emergency Services Supervisor</i>
<b>Project Cost:</b>	\$251,140
<b>Amount:</b>	\$251,140

## Project Summary

This AC Alert Unified Emergency Notification System Project for 2017 will provide for the annual subscription cost for the Everbridge software product, the cost of adding commercially available cell phone and cable phone subscriber numbers to our contact database, funding for annual training, support, and annual program administration costs. Everbridge provides mass notification in the Public Information and Warning category for communities.



# USAR/Haz-Mat/Fire Support Vehicles

<b>Project Name:</b>	USAR/Haz-Mat/Fire Support Vehicles
<b>Organization:</b>	Contra Costa County Fire Protection District
<b>Project Lead:</b>	Shane Kelly, <i>Fire Captain</i>
<b>Project Cost:</b>	\$145,082
<b>Amount:</b>	\$145,082

## Project Summary

The proposed vehicles are F-450 long bed stake side trucks capable of towing and carrying supplies such as lumber/plywood/equipment to a deployment site. These vehicles will be capable of towing the already two existing MCI/Decontamination trailers owned by the District. These heavier vehicles with a long bed and stake side allow personnel to deploy with extra materials and equipment.

The total cost per vehicle includes ancillary equipment needed such as lighting and code three packages.

The vehicles purchased will be 4-door cabs allowing for additional personnel to be transported. This type of vehicle will also allow for supply and equipment runs while on each site of a rescue, fire, or hazardous materials operation.



# Helicopter Simulator

<b>Project Name:</b>	Helicopter Simulator
<b>Organization:</b>	Oakland Police Department
<b>Project Lead:</b>	Cathey Eide
<b>Project Cost:</b>	\$160,001
<b>Amount:</b>	\$160,001

## Project Summary

This simulator will allow OPD to train pilots for a variety of situations including response to all four of the Bay Area UASI hubs during all stages of handling an attack (prevention, protection, mitigation, response, and recovery). The simulator would be available to other agencies within the HUB and region that operate helicopter units including: EBRPPD, San Jose PD, COCO SO, and CHP.



# Towable Emergency Generator

<b>Project Name:</b>	Towable Emergency Generator
<b>Organization:</b>	Contra Costa County Fire Protection District
<b>Project Lead:</b>	Shane Kelly, <i>Fire Captain</i>
<b>Project Cost:</b>	\$96,565
<b>Amount Funded:</b>	\$96,565

## Project Summary

This project will ensure a large capacity, towable emergency generator is available to support a variety of potential needs in the event of a terrorist attack or large scale disaster. In the event of catastrophe, private sector resources will be stretched thin and may not be easily or readily accessible, even if contracts are in place to secure those assets. A staffed fire department can easily deploy this resource where needed without delay. Critical communications infrastructure necessary for effective fire management and suppression, incident bases where responders are staged, housed and deployed from, as well as evacuation centers can be supported by this project.



# Communication/Computer equipment for Mobile Command Center

<b>Project Name:</b>	Communication/Computer equipment for Mobile Command Center
<b>Organization:</b>	Hayward Police Department
<b>Project Lead:</b>	Mark Ormsby, <i>Sergeant</i>
<b>Project Cost:</b>	\$95,138
<b>Amount:</b>	\$85,138

## Project Summary

We would like to purchase communications equipment for a new mobile command center we are purchasing. The equipment's intended use is for communications for a Mobile Command Center which would serve both the Hayward Police and Fire Departments. The communications equipment will function as the hub for several facets of technology that is not available on any of our existing vehicles and are crucial to any incident management. The MCC will also be used as a Regional asset. Hayward has several high value terrorist targets. This equipment will enable us to communicate within our county and with adjacent counties in the event of a terrorist attack that would require mutual aid.



# Vision and Optics Enhancements for SWAT

<b>Project Name:</b>	Vision and Optics Enhancements for SWAT
<b>Organization:</b>	Contra Costa County Sheriff
<b>Project Lead:</b>	Jose Beltran, <i>Lieutenant</i>
<b>Project Cost:</b>	\$223,218
<b>Amount:</b>	\$172,600

## Project Summary

The Contra Costa County Sheriff's Office SWAT team identified a need for enhanced vision and video optic capabilities, including night vision goggles for tactical operators, pole cameras, video fiber optics, and `through wall` sensors.

A gap analysis of the team's capabilities concluded the SWAT team is ill equipped to effectively respond to threats during nighttime hours or low light conditions. The analysis also concluded the SWAT team does not have proper video optic equipment to wirelessly inspect areas and containers from a safe distance.

The acquisition of night vision equipment and enhanced camera systems for the SWAT team will greatly enhance the team's capabilities and response in the region during terrorism incidents.



# High Pressure Mass Spectrometer

<b>Project Name:</b>	High Pressure Mass Spectrometer
<b>Organization:</b>	Alameda County Fire Department
<b>Project Lead:</b>	Matthew Portteus , <i>Captain</i>
<b>Project Cost:</b>	\$78,293
<b>Amount:</b>	\$62,634

## Project Summary

This project is for the purchase and deployment of a high pressure mass spectrometer. Currently all HM teams are unable to do chemical identification of gases and vapors. This project will provide the capability of identifying chemical weapon gases/vapors, liquids and solids. Screening can be conducted in a stand off posture. The final deliverable is a handheld high pressure mass spectrometer.





# Community Warning System Outreach

<b>Project Name:</b>	Community Warning System Outreach
<b>Organization:</b>	Contra Costa County Sheriff
<b>Project Lead:</b>	Heather Tiernan, <i>Community Warning System Manager</i>
<b>Project Cost:</b>	\$24,955
<b>Amount:</b>	\$24,955

## Project Summary

The goal of this project is to increase public awareness and understanding of the Community Warning System in Contra Costa County and to increase registrations, both through the CWS website and social media. This will be achieved by using multiple public outreach and education methods including, but not limited to, bus advertisements and billboards at BART stations and trains in Contra Costa and Alameda County.



# Stop the Bleed, Save a Life - part II

<b>Project Name:</b>	Stop the Bleed, Save a Life - part II
<b>Organization:</b>	Alameda EMS
<b>Project Lead:</b>	Elsie Kusel , <i>EMS Coordinator</i>
<b>Project Cost:</b>	\$60,769
<b>Amount:</b>	\$50,769

## Project Summary

From recent terrorist attacks at the Boston Marathon, the airport and metro station in Brussels, and most recently, the Pulse nightclub in Orlando are reports and images of willing bystanders helping injured and bleeding persons by applying tourniquets and direct pressure on wounds. Learning from these recent events, Alameda County EMS will disseminate simple instructions to help save lives from severe bleeding directed toward places where many convene or travel in Alameda County (i.e. airport, bus stations, shopping malls, and other public interest locations) with visual and audio messages. We will also broadcast PSAs via local radio and television stations and use social media.



# Remotec Andros F6 Maintenance and Upgrade w/ CBRNE Detection Enhancements

<b>Project Name:</b>	Remotec Andros F6 Maintenance and Upgrade w/ CBRNE Detection Enhancements
<b>Organization:</b>	Walnut Creek Police Department
<b>Project Lead:</b>	Anthony Mangini, <i>Sergeant</i>
<b>Project Cost:</b>	\$66,620
<b>Amount:</b>	\$66,620

## Project Summary

This project requires shipping our Andros F6 robot to Northrop Grumman in Tennessee to allow their service department to install upgrades, and provide general maintenance to the robot. Currently, our F6 platform is 10 years old and starting to show its age. We have had to replace many parts on our own to keep it in serviceable condition. This upgrade not only includes a refurbishing of the arms, motors, wiring and chassis, but it also upgrades the CBRNE detection capabilities of our squad. The sensor upgrade also allows the operator to have a clearer and quicker assessment of the robot's position, allowing for quicker response time during an operation.



# Telehandler 15K wheeled lift

<b>Project Name:</b>	Telehandler 15K wheeled lift
<b>Organization:</b>	Alameda County Fire Department
<b>Project Lead:</b>	Matthew Portteus , <i>Captain</i>
<b>Project Cost:</b>	\$183,330
<b>Amount:</b>	\$140,329

## Project Summary

The project is to fill a gap in response capability identified during Urban Shield. That being the ability to move heavy objects and large quantities of debris to allow for access to an area. The proposal is for a 15k pound rated, 4x4 telescoping boom lift with various boom attachments. The different boom attachments allow for lifting debris, digging all necessary to clear roads to allow for rescue operations. The lift will also be able to use as for logistical needs during an emergency, to load and unload large quantities of palletized emergency supplies for long term rescue and support of the population.



# Radiation Detection Monitors

<b>Project Name:</b>	Radiation Detection Monitors
<b>Organization:</b>	Walnut Creek Police Department
<b>Project Lead:</b>	Anthony Mangini, <i>Sergeant</i>
<b>Project Cost:</b>	\$11,547
<b>Amount:</b>	\$11,547

## Project Summary

This project is merely purchasing equipment and subsequent training. Our squad is currently behind ideal standards on this particular detection capability. My intention is to outfit each of our squad's robot / remote platforms (3) and each bomb suit(5) with dedicated PRDs, and have 3 remaining for individual deployment as needed (clearing staging areas, major events, etc.) Currently, our squad only has one PRD. This, along with the additional upgrades requested on a parallel application, would greatly increase our squad's efficiency, personnel safety and capabilities for CBRNE detection.



# Electronic Services Unit Vehicle (33.3%)

<b>Project Name:</b>	Electronic Services Unit Vehicle (33.3%)
<b>Organization:</b>	Oakland Police Department
<b>Project Lead:</b>	Cathey Eide
<b>Project Cost:</b>	\$50,000
<b>Amount:</b>	\$33,666

## Project Summary

This project will allow OPD to acquire a vehicle capable of storing, transporting, and maintaining the readiness of electronic equipment for use by the Electronic Service Unit portion of the department's Tactical Operations Team (SWAT). Oakland Core City allocation will fund 66.6% of this project.



# Grid Aim Detection System

<b>Project Name:</b>	Grid Aim Detection System
<b>Organization:</b>	Walnut Creek Police Department
<b>Project Lead:</b>	Anthony Mangini, <i>Sergeant</i>
<b>Project Cost:</b>	\$5,080
<b>Amount:</b>	\$5,081

## Project Summary

This project is merely purchasing equipment and subsequent training. Our squad is currently behind ideal standards on this particular detection capability. The grid aim system, when working in conjunction with an x-ray system, allows the tech / operator to detect the precise location within a device or suspect device of CBRNE material. The safety benefits of a detection system of this nature is obvious. With this vital knowledge, a tech can more reliably render a device safe without dispersal of the CBRNE material.



# West Bay Projects

## WEST BAY HUB - FY17 UASI

### Above the Line Projects

Above	Hub Id	Project ID	Agency	Project Name	Total Project Cost	Suggested Allocation
	WB02	6029	San Francisco Department of Emergency Management	Exercise Planners	\$ 360,418	\$ 66,600
	WB22	5908	San Mateo County Sheriff's Office	Homeland Security Captain Position	\$ 369,000	\$ 369,000
	WB03	5954	San Francisco Department of Emergency Management	Cyber Security Upgrades	\$ 196,838	\$ 42,401
	WB23	5911	San Mateo County Sheriff's Office	Tactical Intervention Vehicle	\$ 327,750	\$ 321,582
	WB05	6062	San Francisco Department of Emergency Management	DEM-Information Sharing	\$ 87,800	\$ 87,800
	WB24	5909	San Mateo County Sheriff's Office	Alerting and TENS notification system	\$ 120,175	\$ 116,773
	WB06	5958	San Francisco Fire Dept	SFFD DHS Planner - Assistant Deputy Chief of Homeland Security	\$ 299,000	\$ 266,110
	WB07	6007	San Francisco Fire Dept	SFFD Mobile Command Vehicle Upgrades	\$ 184,875	\$ 179,875
	WB08	6003	San Francisco Fire Dept	High Pressure Mass Spectroscopy chemical identification system	\$ 77,756	\$ 17,712
	WB10	5887	San Francisco Police Department	Bay Area UASI Project Manager (Captain)	\$ 300,000	\$ 267,000
	WB11	5923	San Francisco Police Department	Homeland Security Unit Captain	\$ 300,000	\$ 267,000
	WB12	5884	San Francisco Police Department	Tactical Unmarked Armored Suburban	\$ 184,876	\$ 184,876
	WB21	5896	San Francisco Sheriff's Department	New Canine Unit transport vehicles	\$ 179,644	\$ 120,000
<b>TOTALS FOR ABOVE THE LINE PROJECTS:</b>					<b>\$2,988,132</b>	<b>\$2,306,729</b>





# West Bay Projects Continued

## WEST BAY HUB - FY17 UASI

### Below the Line Projects

Below	Hub ID	Project ID	Agency	Project Name	Total Project Cost	Suggested Allocation
	WB01	5917	City & County of San Francisco	Mobile Communications and Maintenance Vehicle	\$ 424,280	\$ 424,280
	WB25	6662	San Mateo County Sheriff's Office	Interoperable Communications Equipment	\$ 30,000	\$ 30,000
	WB04	6072	San Francisco Department of Emergency Management	Operational Communications Enhancements	\$ 96,783	\$ 96,783
	WB09	5898	San Francisco Police Department	Armored Ambulance	\$ 333,721	\$ 333,721
	WB13	5901	San Francisco Police Department	SCBA APX6000 Push-To-Talk Update	\$ 32,773	\$ 32,773
	WB14	5902	San Francisco Police Department	High-Intensity Lights	\$ 29,108	\$ 29,108
	WB15	5895	San Francisco Police Department	Smiths Detection ACE-ID	\$ 28,504	\$ 28,504
	WB16	5894	San Francisco Police Department	Night Vision Monoculars	\$ 28,092	\$ 28,092
	WB17	5891	San Francisco Police Department	SWAT K-9	\$ 23,970	\$ 23,970
	WB18	5932	San Francisco Police Department	APX7500 Radios	\$ 15,285	\$ 15,285
	WB19	5903	San Francisco Police Department	Trace Explosive Detector	\$ 11,783	\$ 11,783
	WB20	5905	San Francisco Police Department	Underwater Search Post Blast Equipment	\$ 4,955	\$ 4,955
<b>TOTALS FOR BELOW THE LINE PROJECTS:</b>					<b><u>\$1,059,253</u></b>	<b><u>\$1,059,253</u></b>



# Exercise Planners

<b>Project Name:</b>	Exercise Planners
<b>Organization:</b>	SF Department of Emergency Management
<b>Project Lead:</b>	Emily Wang, <i>Grants Manager</i>
<b>Project Cost:</b>	\$360,418
<b>Amount:</b>	\$66,600

## Project Summary

Develop and conduct local emergency exercises (discussion and operations based) that serve to test local, regional, State and Federal emergency response plans and procedures and their impact to San Francisco and Bay Area regions. In FY17-18, the exercises will include Yellow Command, Fleet Week, Winter Storm, and Epicenter Earthquake. Deliverables of the exercises will include exercise after action reports, presentation, or exercise player guides.



# San Mateo Homeland Security Captain

<b>Project Name:</b>	Homeland Security Captain Position for San Mateo County Sheriff's Office
<b>Organization:</b>	San Mateo County Sheriff's Office
<b>Project Lead:</b>	Alma Zamora, <i>Captain</i>
<b>Project Cost:</b>	\$369,000
<b>Amount:</b>	\$369,000

## Project Summary

Work with regional partners (Government and NGOs) to identify/address gaps in terrorism response. Oversee UASI projects, attend UASI planning meetings, and lead/coordinate regional efforts to prepare, mitigate, and respond to terrorist attacks.



# Cyber Security Upgrades

<b>Project Name:</b>	Cyber Security Upgrades
<b>Organization:</b>	SF Department of Emergency Management
<b>Project Lead:</b>	Michelle Geddes, <i>Project Manager</i>
<b>Project Cost:</b>	\$196,838
<b>Amount:</b>	\$42,401

## Project Summary

1) Firewall system for access management to internal and external resources while being able to monitor and mitigate threats & unauthorized access. 2) Web security appliance that would improve and harden DEM, SFFD and SFPD's web access and provide better content filtering to mitigate possible infection from malware, ransomware or virus. 3) 2-level authentication solution using a token system to secure remote access to DEM networks. 4) Enterprise software solution to provide encryption for all departmental laptops to secure sensitive information within the hard disk drive. 5) Solution to recover or remote wipe lost or stolen laptops ensuring sensitive information is not accessed from mobile computing devices.



# Tactical Intervention Vehicle

- Project Name:** Tactical Intervention Vehicle
- Organization:** San Mateo County Sheriff's Department
- Project Lead:** Alma Zamora, *Captain*
- Project Cost:** \$327,750
- Amount:** \$321,582

## Project Summary

The project is designed to be a Tactical Intervention Vehicle for the North County Regional SWAT Team and will be further utilized by the San Mateo County TCAT team. The vehicle will also have self-contained CBRNE detection and radiation detection equipment. The vehicle will have the capability to evacuate people and animals as well as deliver response personnel, equipment and services in order to save lives and assist survivors.



# DEM-Information Sharing

<b>Project Name:</b>	DEM-Information Sharing
<b>Organization:</b>	SF Department of Emergency Management
<b>Project Lead:</b>	Emily Wang, <i>Grants Manager</i>
<b>Project Cost:</b>	\$87,800
<b>Amount:</b>	\$87,800

## Project Summary

This proposal funds the continued maintenance of WebEOC system, a web-based incident management system. The system improves the ability to assign and track missions/tasks, provide situation reports, manage resources, and prepare Incident Command System (ICS) and Incident Action Plan (IAP) reports. This includes regionally sharing information, for both San Mateo and SF.



# Alerting and TENS notification system

<b>Project Name:</b>	Alerting and TENS notification system
<b>Organization:</b>	San Mateo County Sheriff's Department
<b>Project Lead:</b>	Alma Zamora, <i>Captain</i>
<b>Project Cost:</b>	\$120,175
<b>Amount:</b>	\$116,773

## Project Summary

Updates contract for Everbridge Mass Notification (SMC Alert) and the TENS system to allow for quick, accurate dissemination of vital information, evacuation routes or other instructions during a terrorist attack.



# SFFD DHS Planner - Assistant Deputy Chief

<b>Project Name:</b>	SFFD DHS Planner- Asst Deputy Chief
<b>Organization:</b>	SF Fire Department
<b>Project Lead:</b>	Shane Francisco, <i>Assistant Deputy Chief</i>
<b>Project Cost:</b>	\$299,000
<b>Amount:</b>	\$266,110

## Project Summary

This position will assess and analyze terror threats, share threat information to increase awareness, detection, prevention, protection and mitigation against terror attacks. The position will plan and develop countermeasures for response during special events and terrorist incidents. The position will deliver Incident Action Plans for special events and a training program to increase situational awareness and to report suspicious activity.





# SFFD Mobile Command Vehicle Upgrades

<b>Project Name:</b>	SFFD Mobile Command Vehicle Upgrades
<b>Organization:</b>	SF Fire Department
<b>Project Lead:</b>	Shane Francisco, <i>Assistant Deputy Chief</i>
<b>Project Cost:</b>	\$184,875
<b>Amount:</b>	\$179,875

## Project Summary

This project will provide much needed technology upgrades and new capabilities to a 10 year old platform. Systems to be upgraded include: touch screen computers & monitors, radio interoperability/patching, satellite communications, cellular, video receiving/transmission, WiFi networking, generator, efficient lighting, and work station reconfiguration and new external cameras.



# High Pressure Mass Spectroscopy Chem ID System

<b>Project Name:</b>	High Pressure Mass Spectroscopy Chem ID System
<b>Organization:</b>	SF Fire Department
<b>Project Lead:</b>	Shane Francisco, <i>Assistant Deputy Chief</i>
<b>Project Cost:</b>	\$77,756
<b>Amount:</b>	\$17,712

## Project Summary

This project will purchase a hand held High Pressure Mass Spectroscopy chemical identification instrument used to identify chemical warfare agents & precursors, explosive materials & precursors, and toxic industrial chemicals & materials that could be used in a WMD/Terror attack. This instrument will be placed on the Haz Mat Unit for deployment and use in the field.



# Bay Area UASI Project Manager (Captain)

<b>Project Name:</b>	Bay Area UASI Project Manager (Captain)
<b>Organization:</b>	San Francisco Police Department
<b>Project Lead:</b>	My Do-Kruse, <i>HSU Analyst</i>
<b>Project Cost:</b>	\$300,000
<b>Amount:</b>	\$267,000

## Project Summary

The UASI Captain serves as the public safety liaison on the Bay Area UASI Management Team, working with public safety partners to ensure policies and procedures are in place, to collect and analyze information, and share it with regional agencies to respond to natural or manmade disasters such as terrorist attacks.



# Homeland Security Unit Captain

<b>Project Name:</b>	Homeland Security Unit Captain
<b>Organization:</b>	San Francisco Police Department
<b>Project Lead:</b>	My Do-Kruse, <i>HSU Analyst</i>
<b>Project Cost:</b>	\$300,000
<b>Amount:</b>	\$267,000

## Project Summary

The HSU Captain supervises the planning, execution, and monitoring of ongoing efforts to protect Protected Critical Infrastructure Information locations within the City and County of San Francisco based on assessed terrorist risk and threat. The Captain develops plans to address risks, critical infrastructure, and emergency response. The Captain also coordinates with the UASI region, identifies and plans for major events and training exercises.



# Tactical Unmarked Armored Suburban

<b>Project Name:</b>	Tactical Unmarked Armored Suburban
<b>Organization:</b>	San Francisco Police Department
<b>Project Lead:</b>	My Do-Kruse, <i>HSU Analyst</i>
<b>Project Cost:</b>	\$184,876
<b>Amount:</b>	\$184,876

## Project Summary

The requested tactical unmarked suburban is essential in providing protection to the Tactical Unit during terrorist attacks which can involve hostage rescues, active shooter situations, search warrants, multiple attacks on separate locations, and critical incidents. The vehicle can be used for covert operations to conceal the Tactical Team. It can transport and protect an IED/explosive-detecting tactical canine, and it can be used for officer down/victim rescue situations.



# New Canine Unit Transport vehicles

<b>Project Name:</b>	New Canine Unit transport vehicles
<b>Organization:</b>	San Francisco Sheriff's Department
<b>Project Lead:</b>	Kevin McConnell, <i>HSU Lieutenant</i>
<b>Project Cost:</b>	\$179,644
<b>Amount:</b>	\$120,000

## Project Summary

Purchase three (3) new Canine Unit transport vehicles to replace the two existing high mileage vehicles which have exceeded their useful life (they are more than 8 years old). Since there are now 3 handlers, a third vehicle would increase regional capabilities and allow the department to schedule a third shift.

# Thank you!



**Bay Area UASI**

