

BAY AREA UASI

UASI FY13 Project Proposal Selections

APPROVAL AUTHORITY Review

March 14th, 2013

Alameda SO
Dublin, CA



PROJECT PROPOSAL CYCLE

MEETING	OUTCOME
Kick Off Meeting	Project Submission Training
Work Group Meeting	Qualify Projects
HUB Meeting	Prioritize Projects
Advisory Group	Recommend Projects
Approval Authority	Approve Projects



EAST BAY HUB - UASI FY13

ESTIMATED FUNDING AMOUNT: \$1,385,816

Projects selected contingent on the approval by the Approval Authority

Above Below	Project Number	Agency	Project Name	Project Time (Months)	Total Project Cost	Allocation Requested	Minimum Allocation Requested	Suggested Allocation
A1	E3	Alameda County Sheriff's Office (EBRCSA)	EBRCSA Digital Dispatch Consoles	6.5	\$3,215,000	\$3,215,000	\$643,000	\$643,000.00
A2	E4	East Bay Regional Park District	Helicopter Digital Radio	5.5	\$93,000	\$93,000	\$83,000	\$83,000.00
A3	E23	Contra Costa County Sheriff's Office	East Bay Hub Planner	12	\$125,000	\$125,000	\$125,000	\$125,000
A4	E22	Alameda County Communications	P25 Subscriber Units	6	\$946,000	\$946,000	\$236,500	\$90,000
A5	E5	Livermore-Pleasanton Fire Department	HazMat Prime Mover	3.5	\$92,000	\$92,000	\$65,000	\$65,000
A6	E8	Oakland Police Department	Airborne Public Address System	12	\$35,000	\$35,000	\$17,500	\$33,144
A7	E12	Alameda County Public Health Department	Alameda County Public Health Volunteer Medical Support	9.5	\$54,346	\$54,346	\$39,346	\$20,000
A8	E2	San Francisco BART	Transbay Tube Rescue Field Carts	6	\$19,170	\$19,170	\$19,170	\$19,170
A9	E15	Contra Costa County EMSA	Contra Costa MEDARS to EBRCS Conversion	6	\$344,041	\$120,441	\$97,925	\$97,925
A10	E21	Alameda County Sheriff's Office	NIBIN System	12	\$209,577	\$209,577	\$209,577	\$209,577
ABOVE THE LINE - TOTAL SUGGESTED ALLOCATION:								\$1,385,816
BELOW THE LINE								
B1	E18	Richmond Fire Department	West Contra Costa Technical Rescue Program (USAR Vehicle)	12	\$600,000	\$300,000	\$300,000	
B2	E22	Alameda County Communications	P25 Subscriber Units	6	\$946,000	\$946,000	\$90,000	
B3	E16	Alameda County Fire Department	Rescue Air Cushion and Response Vehicle	5	\$49,000	\$49,000	\$49,000	
B4	E10	Contra Costa County Office of the Sheriff	Air Support SAR	5.5	\$71,995	\$71,995	\$21,338	
B5	E6	Oakland Police Department	Respirator Protection Equipment w/ Dual Channel Communications System	12	\$25,000	\$25,000	\$25,000	
B6	E7	Oakland Police Department	Portable Surveillance Camera	12	\$29,280	\$30,000	\$30,000	
B7	E11	Contra Costa County Office of the Sheriff	Air Support	7	\$406,661	\$406,661	\$359,872	
B8	E14	Alameda County Sheriff's Office	Night vision and binocular equipment	4	\$239,500	\$239,500	\$119,750	
B9	E9	Office of the Sheriff, Contra Costa County	Automated External Defibrillator and Trauma Kits	6	\$387,439	\$280,860	\$43,263	
B10	E1	Walnut Creek Police Department	East Contra Costa County Bomb Squad Response Equipment	5	\$97,214	\$97,214	\$33,025	
B11	E13	Fremont Police Department	FPD TEMS armored vehicle	18	\$301,210	\$306,210	\$306,210	
B12	E17	City of San Ramon Police	Residential Care Evacuation and Care	6	\$55,000	\$55,000	\$55,000	
B13	E20	Alameda County District Attorney's Office	Project Hailstorm/East Bay Electronic Surveillance Vehicle	12	\$651,000	\$651,000	\$651,000	
B14	E19	Alameda County Communications	Two County-TAC Phone System for Mission Critical Coordination&Restoration	6	\$364,854	\$364,854	\$236,000	
TOTAL BELOW THE LINE:					\$4,224,153	\$3,823,294	\$2,319,458	\$0

NORTH BAY HUB - UASI FY13

ESTIMATED FUNDING AMOUNT: \$431,531

Projects selected contingent on the approval by the Approval Authority

Above Below	Project Number	Agency	Project Name	Project Time (Months)	Total Project Cost	Allocation Requested	Minimum Allocation Requested	Suggested Allocation
A1	N2	Sonoma County Fire & Emergency Services	North Bay Hub Risk/Capability Planner	12	\$96,000	\$96,000	\$96,000	\$96,000
A2	N8	County of Sonoma - REDCOM (Redwood Empire Dispatch Communication Authority)	County of Sonoma, County of Napa and CAL FIRE Dispatch CAD Interface	6	\$141,100	\$141,100	\$96,750	\$107,804
A3	N16	Marin County Sheriff's Office of Emergency Services	WebEOC Servers and Software	9	\$50,561	\$50,561	\$50,561	\$50,561
A4	N1	Marin County	North Bay - Interoperable Communications-Goal 3-Phase 5 P25 700MHz	6	\$690,000	\$690,000	\$207,000	69,000
A5	N7	Marin County Hazardous Materials Response Team	Marin County Haz Mat Type 1 Upgrade	7	\$95,215	\$95,215	\$67,674	27,541
A6	N15	Marin County Fire Department	North Bay Incident Management Team	4	\$26,766	\$26,766	\$10,000	\$10,000
A7	N13	Solano County Office of Emergency Services	Animal Rescue Trailer	6	\$70,625	\$70,625	\$70,625	\$70,625
ABOVE THE LINE - TOTAL SUGGESTED ALLOCATION:								\$431,531
BELOW THE LINE								
B1	N18	Marin County Sheriff's Office	North Bay Regional Remote Operated Underwater Vehicle (ROV)	6	\$85,000	\$85,000	\$85,000	
B2	N15	Marin County Fire Department	North Bay Incident Management Team	4	\$26,766	\$26,766	\$16,766	
B3	N10	Fairfield Fire Department	Hazardous Materials Air Monitoring Equipment	2.5	\$5,500	\$5,500	\$5,500	
B4	N1	Marin County	North Bay - Interoperable Communications-Goal 3-Phase 5 P25 700MHz	6	\$690,000	\$690,000	\$138,000	
B5	N4	Sonoma County Department of Health Services	Bioterrorism environmental sample enhancement	3.5	\$6,017	\$6,017	\$6,017	
B6	N6	City of Santa Rosa Fire Department	HazMatID Elite/RespondeRCI	4	\$130,000	\$130,000	\$80,000	
B7	N5	Sonoma County Fire and Emergency Services Department	SCBA upgrade	6	\$117,367	\$117,367	\$14,000	
B8	N11	Fairfield Fire Department	800 MHz Portable Radio Project	3	\$9,500	\$9,500	\$9,500	
B9	N12	Fairfield Fire Department	Thermal Imaging Camera	3	\$43,000	\$43,000	\$10,750	
B10	N23	Marin Medical Reserve Corps	Best Practices to Build Community Disaster Resilience in Marin County	12	\$100,000	\$50,000	\$50,000	
B11	N9	Fairfield Fire Department	DuoDote Antidote Injectors	4	\$6,500	\$6,500	\$6,500	
B12	N17	Mill Valley Police Department	Mill Valley ALPR	5	\$56,088	\$56,088	\$28,044	
B13	N19	Fairfield Police Department	License Plate Recognition System	7.5	\$120,892	\$111,550	\$111,550	
B14	N3	Novato Police Department	Law Enforcement Emergency Response Light and Barricade System	4.5	\$13,000	\$13,000	\$13,000	
B15	N20	Fairfield Police Department	Body Cameras	2.5	\$36,740	\$36,740	\$1,670	
B16	N14	Solano County Sheriff's Office	Search and Rescue Foul Weather Multi-Use Jackets	4	\$10,350	\$10,350	\$10,350	
B17	N21	Sebastopol Fire Dept	Sebastopol Busines Disaster Recovery Project	11.5	\$35,000	\$35,000	\$35,000	
B18	N22	Mill Valley Fire Department	Mill Valley Business Resiliency Program	8	\$3,990	\$4,000	\$4,000	
TOTAL BELOW THE LINE:					\$1,495,710	\$1,436,378	\$625,647	\$0

SOUTH BAY HUB - UASI FY13				ESTIMATED FUNDING AMOUNT: \$1,642,197				
Projects selected contingent on the approval by the Approval Authority								
Above Below	Project Number	Agency	Project Name	Project Time (Months)	Total Project Cost	Allocation Requested	Minimum Allocation Requested	Suggested Allocation
A1	S10	Santa Clara County - SVRIA	SVRCS - 3 Radio Sites	8	\$100,000,000	\$1,625,000	\$542,000	\$1,000,000
A2	S09	Monterey County Emergency Communications	Monterey County Computer Aided Dispatch System	12	\$2,000,000	\$750,000	\$750,000	\$642,197
ABOVE THE LINE - TOTAL SUGGESTED ALLOCATION: \$1,642,197								
BELOW THE LINE								
B1	S09	Monterey County Emergency Communications	Monterey County Computer Aided Dispatch System	12	\$2,000,000	\$107,803	\$107,803	
B2	S10	Santa Clara County - SVRIA	SVRCS - 3 Radio Sites	8	\$100,000,000	\$625,000	\$625,000	
B3	S11	Monterey County Sheriff's Office	SWAT Ballistic vest	6	\$64,803	\$64,803	\$32,400	
B4	S03	Monterey County Sheriff's Office Bomb Squad	Remote Robot	6	\$198,844	\$198,844	\$151,844	
B5	S07	City of Soledad Police Department	South Monterey County Multi-Agency Rapid Deployment Team	12	\$25,000	\$25,000	\$17,000	
B6	S12	Santa Cruz Office of Emergency Services	Functional and Access Needs Sheltering Equipment	3.5	\$78,000	\$58,000	\$39,000	
B7	S14	Santa Clara County Sheriff's Office	Containment Vessel to Strengthen CBRN Response	10	\$465,000	\$465,000	\$465,000	
B8	S08	San Jose Fire Department	San Jose Fire HazMat Apparatus	12	\$800,000	\$500,000	\$500,000	
B9	S15	Monterey County Sheriff's Office	Law Enforcement SWAT Delivery Vehicle	6	\$116,816	\$116,816	\$116,816	
B10	S05	Monterey County Sheriff's Office Bomb Squad	Handheld Chemical I.D. Kit	5.5	\$112,780	\$112,780	\$60,000	
B11	S04	Monterey County Sheriff's Office Bomb Squad	Portable X-Ray Equipment	5	\$32,644	\$32,654	\$26,000	
B12	S02	Monterey County Sheriff's Office Bomb Squad	HAL Hook&Line Kit with hand tools	5.5	\$14,384	\$14,384	\$14,384	
B13	S06	Monterey County Sheriff's Office Bomb Squad	Adros Robot F6A upgrade	5.5	\$67,072	\$67,072	\$67,072	
B14	S16	Stanford University Medical Center	Mobile Medical Disaster Device	11.5	\$121,000	\$121,000	\$100,000	
B15	S01	City of Palo Alto	Solar Generator Trailer for Mobile Emergency Operations Center	4.5	\$120,500	\$120,500	\$120,500	
TOTAL BELOW THE LINE:					*****	\$2,629,656	\$2,442,819	\$0
FY11 REALLOCATION								
2011	S13	Santa Cruz Office of Emergency Services	Santa Cruz County First Responder Radio System Enhancement	6	\$425,000	\$425,000	\$209,383	\$200,000

WEST BAY HUB - UASI FY13
ESTIMATED FUNDING AMOUNT: \$2,723,826

Projects selected contingent on the approval by the Approval Authority

Above Below	Project Number	Agency	Project Name	Project Time (Months)	Total Project Cost	Annual Sustainment Costs	Allocation Requested	Suggested Allocation
A1	W43	San Francisco Police Department	Homeland Security Unit Planner	12	\$254,000	\$254,000	\$170,543	\$170,543
A2	W2	San Mateo County Sheriffs Office	Homeland Security Captain	10	\$340,000	\$340,000	\$340,000	\$340,000
A3	W53	San Francisco Police Department	Captain-Project Manager-Management Team-Bay Area UASI	12	\$254,000	\$254,000	\$170,543	\$170,543
A4	W40	San Mateo County	Information Sharing Systems - Notification System	12	\$250,000	\$250,000	\$140,000	\$140,000
A5	W40	San Francisco DEM	Information Sharing Systems - Notification System	12	\$250,000	\$250,000	\$300,000	\$300,000
A6	W4	San Mateo County Sheriffs Office	San Mateo County/West Bay Planner	10	\$121,000	\$121,000	\$121,000	\$121,000
A7	W01	San Francisco BART	Transbay Tube Rescue Field Carts	6	\$19,170	\$0	\$19,170	\$19,170
A8	W36	San Francisco Fire Department	Portable Water Supply System Enhancements	9	\$500,000	\$0	\$500,000	\$500,000
A9	W8	San Mateo County Sheriffs Office	Mobile Command Vehicle Video Down Link	7	\$125,000	\$0	\$125,000	\$125,000
A10	W54	SFFD	Community Preparedness	10	\$82,506	\$0	\$65,000	\$65,000
A11	W52	San Francisco Fire Department	CBRNE Haz-Mat Enhancements	4	\$100,000	\$0	\$100,000	\$100,000
A12	W11	San Mateo County Sheriff's Office Bomb Squad	Bomb Squad LVBIED Remote Controlled System	7	\$142,653	\$0	\$142,653	\$142,653
A13	W30	Department of Emergency Management	BART Inter Sub-System Interface (ISSI)	12	\$365,000	\$35,000	\$245,180	\$245,180
A14	W58	San Francisco Fire Department	ADC Homeland Security / Disaster Preparedness Coordinator & Planner	12	\$298,000	\$298,000	\$190,065	\$190,065
A15	W6	San Mateo County Office of Emergency Services	SMCO ALPR Project	8.5	\$200,000	\$0	\$84,672	\$84,672
A16	W35	San Francisco Police Department	Data Cards and Service	12	\$50,000	\$50,000	10,000	10,000
TOTAL ALLOCATION:							\$2,723,826	
BELOW THE LINE								
B1	W29	Department of Emergency Management	Interoperable Communications Portable Radios for Police, Fire and Sheriff	12	\$1,500,000	\$0	\$1,500,000	
B2	W7	San Mateo County Sheriffs Office	Micro Robotic System	5	\$87,219	\$0	\$87,219	
B3	W5	San Mateo County Office of Emergency Services	AirCover QuadRotor Unmanned Air System	5	\$70,000	\$0	\$70,000	
B4	W3	Foster City Police Department	Thermal Imaging Cameras	5.5	\$36,850	\$0	\$36,850	
B5	W9	San Mateo County Sheriff's Office	Portable Repeaters	4	\$30,000	\$0	\$30,000	
B6	W64	County of San Mateo	SMIRC P25 Subscriber Equipment	7	\$6,000,000	\$0	\$600,000	
B7	W10	County of San Mateo	SMIRC Dispatch Consoles (Phase 1)	7	\$2,200,000	\$0	\$575,000	
TOTAL BELOW THE LINE:					\$9,924,069	\$0	\$2,899,069	\$0

East Bay Hub Projects

ABOVE THE LINE

- A1 E3 - East Bay Regional Communications System Authority c/o ACSO – EBRCSA Digital Dispatch Consoles
- A2 E4 - East Bay Regional Park District – Helicopter Digital Radio
- A3 E23 - Contra Costa County Sheriff's Office – East Bay Hub Planner
- A4 E22 - Alameda County Sheriff's Office – P25 Subscribers
- A5 E5 - Livermore-Pleasanton Fire Department – HazMat Prime Mover
- A6 E8 - Oakland Police Department – Airborne Public Address System
- A7 E12 - Alameda County Public Health Department – Alameda County Public Health Volunteer Medical Support
- A8 E2 - San Francisco Bay Area Rapid Transit District (BART) – Transbay Tube Rescue Field Carts
- A9 E15 - Contra Costa County Emergency Medical Services Agency – Contra Costa MEDARS to EBRCS Conversion
- A10 E21 - Alameda County Sheriff's Office – NIBIN System

BELOW THE LINE

- B1 E18 - Richmond Fire Department – West Contra Costa Technical Rescue Program (USAR Vehicle)
- B2 E22 - Alameda County Sheriff's Office – P25 Subscribers
- B3 E16 - Alameda County Fire Department – Rescue Air Cushion and Response Vehicle
- B4 E10 - Contra Costa County Office of the Sheriff – Air Support SAR
- B5 E6 - Oakland Police Department – Respirator Protection Equipment w/Dual Channel Communications System
- B6 E7 - Oakland Police Department – Portable Surveillance Camera
- B7 E11 - Contra Costa County Office of the Sheriff – Air Support
- B8 E14 - Alameda County Sheriff's Office – Night Vision and Binocular Equipment
- B9 E9 - Office of the Sheriff, Contra Costa County – Automated External Defibrillator and Trauma Kits
- B10 E1 - Walnut Creek Police Department – East Contra Costa County Bomb Squad Response Equipment
- B11 E13 - Fremont Police Department – FPD TEMS Armored Vehicle
- B12 E17 - City of San Ramon Police – Residential Care Evacuation and Care
- B13 E20 - Alameda County District Attorney's Office – Project Hailstorm/East Bay Electronic Surveillance Vehicle
- B14 E19 - Alameda County Communications – Two County – TAC Phone System for Mission Critical Coordination & Restoration



Project #E3 – EBRCSA Digital Dispatch Consoles

A1 HQ

East Bay Regional Communications System Authority
c/o ACSO

Project Lead - Bill McCammon

Estimated Project Time
6.5 Months

Requested Allocation - \$3,215,000

Minimum Requested Allocation - \$643,000

Suggested Allocation - \$643,000

Project Description

This project represents the Console Phase of the on-going two county (Alameda/Contra Costa) EBRCSA P25 Interoperability Initiative. We are in the final stage of infrastructure build out and the existing dispatch consoles need to be upgraded to accommodate the many interfaces and the migration to P25 Phase 2.

Round One: \$643,000 (Alameda County EOC: 4 Consoles & Alameda PD : 6 Consoles)

Round Two: \$643,000 (San Leandro PD: 4 & Newark PD: 3 Consoles & Union City PD 3 Consoles)

Round Three: \$1,929,000 (City of Oakland (Should they choose to join the EBRCSA) 30 Consoles)



Project #E4 – Helicopter Digital Radio

A2 HQ

East Bay Regional Park District

Project Lead – Bill Probeta

Estimated Project Time

5.5 Months

Requested Allocation - \$93,000

Minimum Requested Allocation - \$83,000

Suggested Allocation - \$83,000

Project Description

Replace existing, obsolete radios in the East Bay Regional Park District police helicopter with EBRCSA compatible digital radio. Specifically, this proposal funds the removal of an existing 800mhz radio along with the Analog C5000 Control Head. Wire existing RT30 to the digital C5000 head and relocate head to the left side of the instrument panel. Install a new Technisonics TDFM6158 radio. Remove all three NAT audio panels and replace with 3 new Technisonics A711L audio panels. Old wiring will be removed and replaced with new Laser marked wire. A new Technisonics A740 audio panel patch bay will be installed to accommodate the three new audio panels. REB Tech NVG data package will be updated as required.



Project #E23 –East Bay Hub Planner A3

Contra Costa County Sheriff's Office

Project Lead – Rick Kovar

Estimated Project Time

Requested Allocation - \$125,000

12 Months

Minimum Requested Allocation - \$125,000

Suggested Allocation - \$125,000

Project Description

This project is to continue funding the East Bay Hub Planner position past November 2013. The intent of continuing this funding is to continue this position through 2014. The Hub Planner has developed into a key resource for coordinating UASI activities with the two East Bay Hub Op Areas.

Some of the Tasks of the East Bay Hub Planner would include:

- Coordinate vulnerability risk assessments
- Manage and develop grant projects
- Liaison with the BAUASI Management Team
- Assist in determining and developing regional funding priorities based on risk and capability assessments of each Op Area in the region
- Participate in regional Training and Exercise/CBRNE and RCPT work group meetings
- Participate in the Advisory Group meetings
- Participate in BAUASI risk assessment and capability workshops



Project #E22 – P25 Subscriber Units

A4 HQ

Alameda County Communications

Project Lead – Captain Tom Madigan

Estimated Project Time
7 Months

Requested Allocation - \$946,000

Minimum Requested Allocation - \$236,500

Suggested Allocation - \$90,000

Project Description

Alameda County desires to begin procurement of user equipment. The County will require approximately 200 radios. The scope for this 2013 proposal is to procure 50 radios that would be deployed to law enforcement users at various agencies within the system. This equipment will provide greater interoperability between EBRCSA law enforcement users and our regional partners. The cost of this phase of the project is \$236,500 (this amount is scalable by increments of approx \$5,000). The intention is to purchase the radios in four (4) groups of 50, but this can be adjusted as funding becomes available.



Project #E5 – HazMat Prime Mover

A5 HQ

Livermore-Pleasanton Fire Department

Project Lead – Jeff Peters

Estimated Project Time

3.5 Months

Requested Allocation - \$92,000

Minimum Requested Allocation - \$65,000

Suggested Allocation - \$65,000

Project Description

This would be to purchase a Prime Mover, for pulling a recently awarded HazMat Trailer that will be used to house and transport equipment for our Hazardous Materials Team. The LPFD HazMat Team is the only team in Alameda County to serve this geographically isolated area. Being able to safely respond and transport equipment is vital to our ability to fulfill our mission and serve the community. Additionally, our borders are contiguous with two other Operational Areas; San Joaquin and Contra Costa Counties. As a typed resource, we are expected to participate in the mutual aid plan that serves the State of California. The ability to efficiently transport our HazMat team and equipment contributes greatly to our ability to meet the needs of the State Mutual Aid Plan.



Project #E8 – Airborne Public Address System

A6 HQ

Oakland Police Department

Project Lead – Blair Alexander

Estimated Project Time

Requested Allocation - \$35,000

12 Months

Minimum Requested Allocation - \$17,500

Suggested Allocation - \$33,144

Project Description

The Oakland Police Department is requesting to purchase a loudspeaker systems to install on Oakland Police Department's (OPD) two helicopters. Funding this project would enhance OPD's ability to support regional law enforcement operations, especially those operations relating to critical incident/terrorist intervention and crowd control. The proposed project allows for OPD's current helicopters to become Loudspeaker-equipped to allow for clear and concise communications with those on the ground before, during, and after terrorist incidents. A police officer giving instructions over a helicopter loudspeaker may be the only way to provide timely mass notifications to large groups of community members in danger.



Project #E12 – Alameda County Public Health A7 HQ Volunteer Medical Support

Alameda County Public Health Department

Project Lead – Zerlyn Ladua

Estimated Project Time
9.5 Months

Requested Allocation - \$54,346

Minimum Requested Allocation – \$39,346

Suggested Allocation - \$20,000

Project Description

The proposed regional allocation request is to develop a collaborative and resilient infrastructure PLAN to support volunteers with medical skills and other special skills to respond to disasters and other emergencies. The plan will support the development of regional planning and decision making with existing volunteer organizations. The plan will support existing volunteer organizations such as Medical Reserve Corps (MRCs), Search and Rescue Teams, Red Cross, RACES and Citizens Emergency Response Teams to coordinate recruitment, engagement and retention of volunteers. The ultimate goal is to develop a plan to support regional multi disciplinary trainings, workshops and other activities based on regional vulnerabilities.



Project #E2 – Transbay Tube Rescue Field Carts

A8 HQ



SF BART

Project Lead – Marla Blagg
Requested Allocation - \$19,170
Minimum Request - \$19,170
Suggested Allocation - \$19,170

Estimated Project Time
6 Months

Project Description

The four (4) field carts that are currently located in the Transbay Tube need replacing as they are unreliable, difficult to maintain and obtain replacement parts, thereby are inadequate for current and/or future activities. This project will provide the 2 field carts located in Oakland. The carts are used exclusively for the fire departments. BART will not be seeking any additional funding for training, as the vendor would be responsible for providing training. BART staff will then provide training to local fire departments and other agencies. The optimal training time for fire departments will be included during the existing communication equipment drills conducted monthly.



Project #E15 – Contra Costa MEDARS to EBRCS

A9 HQ

Conversion

Contra Costa County Emrg Med Serv Agency

Project Lead – Rafael Vargas

Estimated Project Time
6 Months

Requested Allocation - \$120,441

Minimum Requested Allocation - \$97,925

Suggested Allocation - \$97,925

Project Description

The Contra Costa County EMS Agency is planning for this communication change to assure uninterrupted medical health operations. This project (Phase I) installs EBRCS infrastructure in nine county hospitals and the Contra Costa County EMS Agency, preserving current core communication capabilities. Phase I is the purchase of 10 base station and 4 portable EBRCS-compatible radios.



Project #E21 – NIBIN System

A10 HQ

Alameda County Sheriff's Office

Project Lead – Joseph Gomez

Estimated Project Time
12 Months

Requested Allocation - \$209,577

Minimum Requested Allocation - \$209,577

Suggested Allocation - \$209,577

Project Description

The County of Alameda has been slated to have its NIBIN system removed by the Bureau of Alcohol, Tobacco, and Firearms as a cost cutting strategy. NIBIN is a nationwide network of forensic laboratories which shares a database of digitized images of expended cartridge cases found at crime scenes. This searchable database allows fired evidence recovered at different crime scenes to be linked giving investigators the valuable information they need to track criminal or terrorist activities across a county, state, the nation, or the world. When these associations are made it allows local, state and federal authorities to pool their resources in the ongoing fight against crime and terrorism. The purchase of the most current NIBIN system, known as BrassTrax, will allow the County to continue this vital service to the law enforcement community.



Project #E18 – West Contra Costa Technical B1 HQ Rescue Program (USAR Vehicle)

Richmond Fire Department

Project Lead – Byron Berhel

Estimated Project Time
12 Months

Requested Allocation - \$300,000

Minimum Requested Allocation – \$300,000

Project Description

This request is for an Urban Search and Rescue (USAR) Heavy Rescue Vehicle to be located at the Richmond Fire Department and available to West Contra Costa County, the Operational Area of Contra Costa County, and the entire San Francisco Bay Area region when needed. The request includes a vehicle capable of transporting six firefighters and all of the required USAR equipment needed to meet the requirement for a Heavy Rescue vehicle as stated by the California Emergency Management Agency (Cal-EMA). Currently, the Bay Area has a limited number of available Heavy Rescue resources. A response to an incident in many parts of the region would be delayed and in some instances not available at all. The training component and equipment purchase account for half the total cost of standing up this resource. We feel that the region as a whole will benefit greatly from this project, with the benefit of a much reduced cost.



Project #E22 – P25 Subscriber Units

B2 HQ

Alameda County Communications

Project Lead – Captain Tom Madigan

Estimated Project Time
7 Months

Requested Allocation - \$946,000

Minimum Requested Allocation - \$90,000

Project Description

Alameda County desires to begin procurement of user equipment. The County will require approximately 200 radios. The scope for this 2013 proposal is to procure 50 radios that would be deployed to law enforcement users at various agencies within the system. This equipment will provide greater interoperability between EBRCSA law enforcement users and our regional partners. The cost of this phase of the project is \$236,500 (this amount is scalable by increments of approx \$5,000). The intention is to purchase the radios in four (4) groups of 50, but this can be adjusted as funding becomes available.



Project #E16 – Rescue Air Cushion and B3 SQ Response Vehicle

Alameda County Fire Department

Project Lead – Paige Bowie

Estimated Project Time
5 Months

Requested Allocation - \$49,000

Minimum Requested Allocation – \$49,000

Project Description

The Alameda County Fire Department would like to purchase a Rescue Air Cushion (RAC) and Response Vehicle. The RAC is a portable device that is used to break the fall of a person jumping from an elevated height. The RAC and Response Vehicle that carries it will be the first of its kind in the region, and a resource that can be deployed to any department in the Bay Area UASI region. The purchase of the RAC and Response Vehicle aligns with the Bay Area Homeland Security Strategies of protecting the people of the Bay Area. The air cushion is placed underneath a person in peril whose only option is to jump. The key to success is rapid access to the victim's location and speed in deployment of the cushion. The rapid deployment of the RAC will be accomplished by utilizing a quick Response Vehicle capable of carrying the cushion and negotiating through traffic. The ACFD currently does not have a response vehicle capable of carrying the RAC. This specialized piece of equipment would also be available for higher risk terrorist scenarios to all agencies in the Bay Area Region.



Project #E10 – Air Support SAR

B4 HQ

Contra Costa County Office of the Sheriff

Project Lead – Rick Kovar

Estimated Project Time
5.5 Months

Requested Allocation - \$71,995

Minimum Requested Allocation - \$21,338

Project Description

The Contra Costa County Office of the Sheriff is requesting funds for the purchase of a helicopter long line short haul rescue system. This system will enable the Air Support Unit to complete fast search and rescue missions including evacuations during emergency situations both on land and in the water anywhere in the region. This system provides the region with a life saving asset able to respond to catastrophic events and incidents of terror. Currently, there are no law enforcement aircrews in Contra Costa County that can complete a short haul mission. The addition of a long line rescue system to the Bell 407 helicopter can fill this void. In the greater Bay Area, only Sonoma County and CHP (Napa location) possess this capability. If there is a terrorist event or natural disaster, the addition of a rescue aircrew with the capability to locate and short haul persons in distress can be a valuable regional asset.



Project #E6 – Respirator Protection B5 HQ Equipment w/Dual Channel

Oakland Police Department

Project Lead – Michael Poirier

Estimated Project Time
12 Months

Requested Allocation - \$25,000

Minimum Requested Allocation - \$25,000

Project Description

The Oakland Police Department is requesting the purchase of Respirator Protection Equipment w/ Integrated Dual Channel Communication System. The dual channel communications system provides personnel the ability to monitor and broadcast on two different radio channels. This is critical for Team Leaders and Commanders so as to maintain proper situational awareness of both incident command and tactical command. The specified masks have a module so as to integrate the communications system onto the mask. The requested equipment will allow Tactical Team personnel to operate within a CBRNE environment while maintaining the ability to have radio communications with other team personnel, command post or EOC. The Oakland Police Department Tactical Team is available to deploy any where in the region.



Project #E7 – Portable Surveillance Camera

B6 HQ

Oakland Police Department

Project Lead – Blair Alexander

Estimated Project Time

Requested Allocation - \$30,000

12 Months

Minimum Requested Allocation – \$30,000

Project Description

This project entails procuring and fielding a portable/remotely accessible surveillance camera for use not only by the Oakland Police Department (OPD) SWAT team, but by other SWAT teams throughout the Bay Area region. Video captured on the camera is stored on the unit's DVR system and can be viewed real-time from the user's remote location via an internet connection. Funding this project would specifically enhance the OPD's SWAT team's ability to support regional law enforcement operations - especially those operations relating to critical incident/terrorist intervention and crowd control by providing the capability to deploy and conduct remote/covert surveillance in order to obtain information and intelligence on potential terrorists and their activities.



Project #E11 – Air Support

B7 HQ

Contra Costa County Office of the Sheriff

Project Lead – Rick Kovar

Estimated Project Time
7 Months

Requested Allocation - \$406,661

Minimum Requested Allocation – \$359,872

Project Description

The Contra Costa County Office of the Sheriff is requesting funds for the purchase of a helicopter mounted forward looking infrared thermal imaging system for use on the Bell 407 helicopter. When connected to a GPS antenna, the onboard Inertial Measurement Unit (IMU) enables the turret to point to any geographic location supplied by the moving map system. Coupled with cooperation from the intelligence community, aircrews can conduct surveillance or intercept high value targets anywhere in the operational area. The addition of the L3 Wescam MX-10 sensor system will provide the region with improved capability for search and rescue and air interdiction prior to and during a terrorist event or natural disaster.



Project #E14 – Night Vision and Binocular B8 HQ Equipment

Alameda County Sheriffs Office

Project Lead – David R. Brady

Estimated Project Time
4 Months

Requested Allocation - \$239,500

Minimum Requested Allocation – \$119,750

Project Description

The requested 30 night vision equipment kits (PVS-14 Monocular night vision kit), and the 10 Fraser Optics binoculars (Stedi-eye stabilized day/night binoculars) would be available to tactical teams within the region. These supplies would be a great improvement to the exiting capabilities for tactical teams to work in low light conditions to support terrorism preparedness and response to hazards, natural disasters, and other major accidents. The teams' response to situations would be enhanced and provide them and the communities we serve with more safety to mitigate the given situation.



Project #E9 – Automated External Defibrillator B9 SQ and Trauma Kits

Office of the Sheriff, Contra Costa County

Project Lead – David Villalobos

Estimated Project Time
6 Months

Requested Allocation - \$387,439

Minimum Requested Allocation - \$43,263

Project Description

The purpose for this project is to increase the Contra Costa County Office of the Sheriff patrol trauma capabilities by training personnel assigned to the Field Operation Bureau Patrol Division with using Automated External Defibrillators (AED) and trauma kits and to equip patrol vehicles and marine patrol fleet with this equipment. The plan is to furnish each patrol vehicle (Approximately 125) and Marine Patrol vessel (Approximately 10) in the fleet with an AED and to issue every deputy assigned to patrol and the MAMFF a trauma kit. This equipment will increase patrol trauma capabilities and provide the tools needed to respond to a mass casualty incident.



Project #E1 – East Contra Costa County Bomb B10 HQ Squad Response Equipment

Walnut Creek Police Dept.

Project Lead – Jay Hill

Estimated Project Time
5 Months

Requested Allocation - \$97,214

Minimum Requested Allocation - \$33,025

Project Description

The Walnut Creek Police Department would like to purchase an X-ray system and a small man-portable. This would add to the bomb squad's current capabilities to respond to multiple incidents at the same time in and around Eastern Contra Costa County. Robotic platforms and X-ray systems provide EOD units with the ability to assist tactical units during counter-terrorism operations. They also provide for faster response capabilities, a higher likelihood of evidence collection, and can provide Incident Commanders with real time data during rapidly evolving terrorist related events.



Project #E13 – FPD TEMS Armored Vehicle B11 HQ

Fremont Police Department

Project Lead – Michelle Griese

Estimated Project Time
18 Months

Requested Allocation - \$306,210

Minimum Requested Allocation – \$306,210

Project Description

The “FPD TEMS armored vehicle” project entails the purchase of one Lenco BearCat MedEvac LE armored vehicle. The FPD TEMS team’s current response and transport vehicle is a 1998 Chevy Tahoe that is unarmored and lacks the ability to store and compartmentalize medical equipment for deployments. The ability to transport patients is limited by space and the vehicle is too small to transport the entire TEMS team during deployments. The addition of a Lenco BearCat MedEvac LE vehicle would provide the ability for police, fire, and EMS personnel to respond together to an incident. This increases the timeliness of services provided to the first-responders and the public and provides the ability to transport all three facets of first responders directly to an incident to work together to quickly assess and mitigate an incident. The addition of this vehicle would allow FPD TEMS to respond to assist police, fire and/or EMS with large scale incidents within the UASI region.



Project #E17– Residential Care Evacuation B12 HQ and Care

San Ramon Police Department

Project Lead – Raymond Riordan

Estimated Project Time
6 Months

Requested Allocation - \$55,000

Minimum Requested Allocation – \$55,000

Project Description

The purpose of this project is to script, produce, edit and proof a 30 min high definition master video ready for mass duplication and distribution. Topic of the video will include how to appropriately and safely evacuate residents of residential care facilities and transport them to safe locations during an emergency using available expedient resources. Draft, produce, edit and finalize documents and other support literature to enhance the topic of the video, including checklist plans for the residential care center and appropriate actions by responding agents to a residential care site that requires evacuation.



Project #E20 – Project Hailstorm/East Bay B13 HQ Electronic Surveillance Vehicle

Alameda County District Attorney's Office

Project Lead – Craig Chew

Estimated Project Time

Requested Allocation - \$651,000

12 Months

Minimum Requested Allocation - \$651,000

Project Description

The Alameda County District Attorney's Office in partnership with the Fremont Police Department requests FY2013-UASI funding for a Law Enforcement Electronic Surveillance Vehicle and intercept System. The Electronic Surveillance Vehicle would be a full size van equipped with a portable 4-G Cellular Telephone Tracking Technology and a corresponding hand held unit. The van will have multi-purpose roles in the prevention of and response to a terrorist event, tracking and apprehending serious violent offenders, and potentially locating or recovering at risk missing persons or kidnapped victims. The full intercept system manufactured by Pen-Link is capable of capturing incoming and outgoing phone numbers, along with the duration of calls, without listening to the actual conversations and provides real-time information from the cellular telephone companies and works with the Hailstorm equipment to track the phones.



Project #E19 – Two County-TAC Phone System for B14 HQ Mission Critical Coordination & Restoration

Alameda County Communications

Project Lead - Don Jayamanne, BSEE Estimated Project Time
6 Months

Requested Allocation - \$364,854

Minimum Requested Allocation - \$236,000

Project Description

This request is for a Bay Area UASI/2013 Homeland Security grant to build a tactical phone system for Regional Public Safety Operational and mutual aid use during any telephone system outages to integrate and communicate between all mission critical public safety agencies and communications facilities in the Bay Area.

Phase 1 Alameda County \$236,000

Phase 2 Contra-Costa County \$139,000



North Bay Hub Projects

ABOVE THE LINE

- A1 N2 - Sonoma County Fire & Emergency Services – North Bay Hub Risk / Capability Planner
- A2 N8 - County of Sonoma – REDCOM – County of Sonoma, County of Napa and CAL FIRE Dispatch CAD Interface
- A3 N16 - Marin County Sheriff's Office of Emergency Services – WebEOC Servers and Software
- A4 N1 - Marin County – North Bay – Interoperable Communications – Goal 3 – Phase 5 P25 700 MHz
- A5 N7 - Marin County Hazardous Materials Response Team – Marin County Haz Mat Type 1 Upgrade
- A6 N15 - Marin County Fire Department – North Bay Incident Management Team
- A7 N13 - Solano County Office of Emergency Services – Animal Rescue Trailer

BELOW THE LINE

- B1 N18 - Marin County Sheriff's Office – North Bay Regional Remote Operated Underwater Vehicle (ROV)
- B2 N15 - Marin County Fire Department – North Bay Incident Management Team
- B3 N10 - Fairfield Fire Department – Hazardous Materials Air Monitoring Equipment
- B4 N1 - Marin County – North Bay – Interoperable Communications – Goal 3 – Phase 5 P25 700 MHz
- B5 N4 - Sonoma County Department of Health Services – Bioterrorism Environmental Sample Enhancement
- B6 N6 - City of Santa Rosa Fire Department – HazMatID Elite/ResponderCI
- B7 N5 - Sonoma County Fire and Emergency Services Department – SCBA Upgrade
- B8 N11 - Fairfield Fire Department – 800 MHz Portable Radio Project
- B9 N12 - Fairfield Fire Department – Thermal Imaging Camera
- B10 N23 - Marin Medical Reserve Corps – Best Practices to Build Community Disaster Resilience in Marin County
- B11 N9 - Fairfield Fire Department – DuoDote Antidote Injectors
- B12 N17 - Mill Valley Police Department – Mill Valley ALPR
- B13 N19 - Fairfield Police Department – License Plate Recognition System
- B14 N3 - Novato Police Department – Law Enforcement Emergency Response Light and Barricade System
- B15 N20 - Fairfield Police Department – Body Cameras
- B16 N14 - Solano County Sheriff's Office – Search and Rescue Foul Weather Multi-Use Jackets
- B17 N21 - Sebastopol Fire Department – Sebastopol Business Disaster Recovery Project
- B18 N22 - Mill Valley Fire Department – Mill Valley Business Resiliency Program



Project #N2 – North Bay Hub A1 HQ Risk/Capability Planner

Sonoma County Fire & Emergency Services

Project Lead – Christopher Helgren

Estimated Project Time
12 Months

Requested Allocation - \$96,000

Minimum Requested Allocation - \$96,000

Suggested Allocation - \$ 96,000

Project Description

The North Bay Hub Risk Capability Planner coordinates vulnerability and risk assessments of critical infrastructure and key resources, and capabilities assessments to conduct gap analysis used to develop grant projects that increase regional response capabilities. This position acts as a liaison with the four North Bay Hub Operational Areas and serves as a conduit of information between North Bay counties and the Bay Area UASI Management Team. The planner also engages a variety of stakeholders in the region to move projects and initiatives forward and Provide essential input for decision makers of the Bay Area's homeland security effort.



Project #N8 – County of Sonoma, County of Napa A2 HQ and CAL FIRE Dispatch CAD

County of Sonoma REDCOM

Project Lead – Ed Buonaccorsi

Estimated Project Time
6 Months

Requested Allocation - \$141,100

Minimum Requested Allocation - \$96,750

Suggested Allocation - \$107,804

Project Description

The County/City of Napa and CAL FIRE are developing a software solution allowing the County/City of Napa's Intergraph CAD to work with CAL FIRE Northrop Grumman – Altaris CAD. This proposal is to install the software interface developed by Intergraph Corporation with the County/City of Napa for the County of Napa and with CAL FIRE, allowing the County of Napa, CAL FIRE and the County of Sonoma to communicate with each other and act as backups to each other. REDCOM is a fully integrated Fire and EMS Dispatch for the County of Sonoma with a Geographic Information Systems (GIS) and links all but a few police and fire departments within the County, as well as all fire and medical first responders. This system ensures that the closest appropriate resource will respond in the minimal amount of time.



Project #N16– WebEOC Servers and Software

A3 HQ

Marin County Sheriff's Office of Emergency Services

Project Lead – Chris Reilly

Estimated Project Time

Requested Allocation - \$50,561

9 Months

Minimum Requested Allocation - \$50,561

Suggested Allocation - \$50,561

Project Description

This project provides redundant server Computer hardware and software that will ensure a backup system for our WebEOC solution. In the event the primary servers are disabled or unavailable this equipment will ensure our capability to continue incident management and situational awareness throughout the region, state and nation. WebEOC® Professional Crisis Information Management Software (CIMS) is the first web-enabled technology specifically designed for emergency management that is both easy to use and customer configurable. The software is designed to facilitate inter-operable incident management, coordination, and situational awareness for all hazards and day-to day operations. Many key emergency management partners throughout the region, state and federal government use WebEOC and this project ensures our ability to facilitate incident management, coordination, situational awareness and resource ordering throughout the region and state.



Project #N1 – North Bay - Interoperable Communications

A4

HQ

Phase 5 P25 700MHz

Marin County

Project Lead – Shelly Nelson

Estimated Project Time
6 Months

Requested Allocation - \$690,000

Minimum Requested Allocation - \$207,000

Suggested Allocation - \$69,000

Project Description

UASI 2013 grant funding would be to complement the already general funded Dispatch Consoles with an additional 10 Consoles. The phased project provides enhanced interoperability capabilities for Marin County and possible future enhancements to the North Bay HUB, the BayRICS region, State and Federal agencies. It supports terrorism preparedness by building/enhancing all mission area capabilities. The continued support of this project supports preparedness for other hazards to include but not limited to natural disasters and major accidents.



Project #N7 – Marin County Haz Mat Type I A5 HQ Upgrade

City of Santa Rosa Fire Department

Project Lead – Peter Davis

Estimated Project Time

Requested Allocation - \$95,215

7 Months

Minimum Requested Allocation - \$67,674

Suggested Allocation - \$27,541

Project Description

The Marin County Hazardous Materials Response Team is requesting UASI grant funding to become a State Certified Type 1 Team. This will allow for them to provide the highest level of response to the North Bay Area. The Marin County Hazardous Materials Response Team is a Joint Powers Agreement (JPA), of 12 Jurisdictions within the County. The Equipment will provide advanced detection of chemical / biological substances including aerosol vapors and Gases. Capabilities include decontamination for known and unknown contaminants. The Bay Area Region II will increase its level of WMD response capabilities. This will allow for a deployment of multiple teams immediately in the area should a terrorist or WMD event take place.



Project #N15 – North Bay Incident A6 HQ Incident Management Team

Marin County Fire Department

Project Lead – Mark Brown

Estimated Project Time

Requested Allocation - \$26,766

4 Months

Minimum Requested Allocation - \$10,000

Suggested Allocation - \$10,000

Project Description

The North Bay Incident Management Team (Type III - All-Hazards) is a new multi-agency, multi-discipline asset that grew out of the previous Marin County Incident Support Team. The team now includes staff from Marin, Sonoma, Napa, and Solano Counties, as well as staff from Fire, Law Enforcement, Public Works, Emergency Managers and other disciplines. The team is designed to assist in planning, for planned events, as well as to aid jurisdictions in larger events that their internal staff may not be equipped to handle, especially over multi-operational periods. The rapid access to a trained and experienced team will aid in safety, efficiency, and cost-containment. The funding requested will help fill several initial start-up costs for this team.



Project #N13 – Animal Rescue Trailer

A7 HQ

Solano County OES

Project Lead – Alexandra L. Benetti

Estimated Project Time
6 Months

Requested Allocation - \$70,625

Minimum Requested Allocation - \$70,625

Suggested Allocation - \$70,625

Project Description

The purpose of this project is to purchase an 8' x 24' animal rescue trailer capable of responding to local, regional, State or Federal disasters where animal rescue/sheltering is needed. This trailer, with its 48 cage capacity, is not only able to provide temporary shelter to animals awaiting their owners, but can be used to transport and if necessary assist in evacuations of pets from a disaster area to another shelter and/or even assist in evacuating animal shelters affected by a local disaster. The trailer is pulled by a 3/4 tone pick-up truck, which the Solano County Office of Emergency Services can/will provide as needed.



Project #N18 – North Bay Regional Remote B1 HQ Operated Underwater Vehicle

Marin County Sheriff's Office

Project Lead – Scott Jensen

Estimated Project Time
6 Months

Requested Allocation - \$85,000

Minimum Requested Allocation - \$85,000

Project Description

Marin County Sheriff's Office Dive Team is requesting the purchase of an underwater Remote Operated Vehicle (ROV). This ROV, is designed specifically for CBRNE detection during underwater searches. This piece of equipment is versatile and necessary to conduct safe underwater CBRNE operations. Marin County's Dive Team serves other jurisdictions in the North Bay Hub, which makes this project a benefit to the entire hub. The San Francisco Bay water and the waters within the North Bay regions are low visibility environments making searches and dives very difficult and dangerous. The ROV will make searching and detecting CBRNE in underwater environments seamless and not place personnel in harms way. The ROV will provide for a more rapid deployment, safer operations, and more efficient use of manpower during these operations. The ROV will be used in multiple counties in the North Bay UASI Hub to detect threats to our communities, to ensure officer safety, and to increase our search capabilities.



Project #N15 – North Bay Incident B2 HQ Incident Management Team

Marin County Fire Department

Project Lead – Mark Brown

Estimated Project Time

Requested Allocation - \$26,766

4 Months

Minimum Requested Allocation - \$16,766

Project Description

The North Bay Incident Management Team (Type III - All-Hazards) is a new multi-agency, multi-discipline asset that grew out of the previous Marin County Incident Support Team. The team now includes staff from Marin, Sonoma, Napa, and Solano Counties, as well as staff from Fire, Law Enforcement, Public Works, Emergency Managers and other disciplines. The team is designed to assist in planning, for planned events, as well as to aid jurisdictions in larger events that their internal staff may not be equipped to handle, especially over multi-operational periods. The rapid access to a trained and experienced team will aid in safety, efficiency, and cost-containment. The funding requested will help fill several initial start-up costs for this team. Training needs are being pursued separately and the team is relying on the donations of time amongst its members from a variety of agencies and is also seeking to leverage equipment that local agencies already possess in the north bay to try to keep team costs to a minimum.



Project #N10 – Hazardous Materials Air B3 HQ Monitoring Equipment

Fairfield Fire Department

Project Lead – Matthew Reimer

Estimated Project Time
2.5 Months

Requested Allocation - \$5,500

Minimum Requested Allocation - \$5,500

Project Description

This project seeks to secure funding to purchase six (6) Atmosphere Air Monitors and one (1) calibration unit. The Scott Protégé Air Monitors will be able to assess the atmosphere and advise first responders indicators and warnings of any dangers associated following a terrorist attack where CBRNE agents are used. Successful management of the scene for overall safety needs to include air monitoring. Air monitors currently provide the easiest, effective and most cost efficient way of performing this task. First responders will be able to expedite search and rescue activities knowing that the atmosphere that they are working in is safe. The first responders performing such tasks will be able to start these activities sooner due to the ease and quickness that the air monitors can assure safe conditions for them.



Project #N1 – North Bay - Interoperable Communications

B4

HQ

Phase 5 P25 700MHz

Marin County

Project Lead – Shelly Nelson

Estimated Project Time
6 Months

Requested Allocation - \$690,000

Minimum Requested Allocation - \$138,000

Project Description

UASI 2013 grant funding would be to complement the already general funded Dispatch Consoles with an additional 10 Consoles. The phased project provides enhanced interoperability capabilities for Marin County and possible future enhancements to the North Bay HUB, the BayRICS region, State and Federal agencies. It supports terrorism preparedness by building/enhancing all mission area capabilities. The continued support of this project supports preparedness for other hazards to include but not limited to natural disasters and major accidents.



Project #N4 – Bioterrorism Environmental B5 HQ Sample Enhancement

Sonoma County Dept. of Health Services

Project Lead – Michael Ferris

Estimated Project Time
3.5 Months

Requested Allocation - \$6,017

Minimum Requested Allocation – \$6,017

Project Description

This project will aide the entire San Francisco Bay Area UASI region by enhancing the detection of non visible WMD biological agents. This project will aide law enforcement in their initial detection and investigation of intentionally released biological agents. Funding this project will enable the Sonoma County Public Health Laboratory to accept and process samples like bio-wipes and bio-socks and dramatically increase the ability to detect minute traces of biological agents. This project will also aide Hazardous Material teams with any subsequent decontamination projects. With the ability to accept and properly process bio-socks, air samples can be tested for minute traces of bio-agents. Public health officials will also benefit with rapid and sensitive information of how wide spread a potential hazard has spread. Allowing them to properly plan and efficiently administer any possible prophylaxis as well as releasing accurate and direct public service announcements.



Project #N6 – HazMatID Elite/ResponderRCI

B6 HQ

City of Santa Rosa Fire Department

Project Lead – Timothy D. Aboudara Jr. Estimated Project Time
4 Months

Requested Allocation - \$130,000

Minimum Requested Allocation - \$80,000

Project Description

Proposed project would replace a 14 year old TravellR Mass Spectrometer used for the field identification of unknown solid and liquid substances. Due to its age the TravellR is no longer serviceable by the manufacturer and is not an effective tool for the Hazardous Materials Response Team. The instruments would allow for a more rapid identification of common industrial chemicals as well as nerve, blister, and explosive agents. with a higher level of accuracy than the current instrument or other available identification methods. Instruments are 100% deployable into the contaminated area and can be operated by personnel in full protective ensembles. This operability reduces, if not eliminates, the need for responders to bring samples of unknown chemicals out of the hazard area for identification. This results in shortening the time between arrival and mitigation as well as reducing the exposure of responders, the public and the environment.



Project #N5 – SCBA Upgrade

B7 HQ

Sonoma County Fire and Emergency Services Dept.

Project Lead – Eleanor Ratliff

Estimated Project Time

Requested Allocation - \$117,367

6 Months

Minimum Requested Allocation - \$14,000

Project Description

We are requesting \$117,367.00 for 24 complete SCBA units (including masks, air cylinders, and communication devices) to upgrade the Sonoma County Fire and Emergency Services Department Hazardous Materials Response Team and the last of 15 fire companies to current CBRNE approved and compatible SCBA. This equipment would allow us complete interoperability with the Santa Rosa Hazardous Materials Response Team, Marin Hazardous Materials Response Team, and the Napa County Hazardous Materials Response Team. These SCBA units currently in use will require the use of new air cylinders starting in 2015. Replacing these cylinders will keep the Sonoma County Team in operation, but not allow for interoperability with our neighbors. Currently, the SCBA cylinders and masks are not interoperable requiring separate entries and no interoperability.



Project #N11 –Portable Radio Project B8 SQ

Fairfield FD

Project Lead – Alexandra L. Benetti

Estimated Project Time
3 Months

Requested Allocation - \$9,500

Minimum Requested Allocation - \$9,500

Project Description

This project seeks to secure funding to purchase eight (8) Bendix King GPH5102X-CMD VHF Radios. The radios have 500 channel capability, with 25 user groups. They can also be upgraded to ensure P25 compliance. The money requested would equip each first out apparatus in Fairfield (engine, truck and battalion chief's unit) with these radios.



Project #N12 – Thermal Imaging Camera

B9 HQ

Fairfield Fire Department

Project Lead – Matthew Reimer

Estimated Project Time

Requested Allocation - \$43,000

3 Months

Minimum Requested Allocation - \$10,750 each

Project Description

This project seeks to secure funding to purchase four (4) Bullard T3MAXTTR thermal imaging cameras. The 4 thermal imaging cameras (TIC's) proposed in this project, would be readily available to respond to local and regional mass casualty events and greatly aid with the search and rescue process mentioned above. TIC's will assist first responders with search and rescue operations by having personnel equipped with equipment that is capable of locating patients or victims not otherwise seen with the naked eye. These units are designed to detect heat, enabling first responders to locate patients or victims with great speed and efficiency while at the same time increasing the safety of these first responders. The 4 cameras would enable every first out engine, truck and battalion chief unit in the Operation Area to perform these tasks.



Project #N23 – Best Practices to Build Community B10 HQ Disaster Resilience in Marin County

Marin Medical Reserve Corps

Project Lead – Kate Garay

Estimated Project Time

Requested Allocation - \$50,000

12 Months

Minimum Requested Allocation - \$50,000

Project Description

The project will build disaster resilience for Bay Area communities by increasing capacity for volunteer citizen first responders to take more deliberate, coordinated, collective action in response to a major disaster – especially during the first crucial hours. Key stakeholders will explore feasibility of MMRC – CERT joint operations, and launch a sustainable “Best Practices” forum and website to incubate and disseminate regional best practices in community disaster resilience. The project will extend over a two-year period, with funding from multiple sources, as well as in-kind contributions from the Marin Medical Reserve Corps Foundation currently being used for a pilot project in Mill Valley. This UASI allocation request is for completion of the project's first phase in Year 1.



Project #N9– DuoDote Antidote Injectors

B11 HQ

Fairfield Fire Department

Project Lead – Matthew Reimer

Estimated Project Time

Requested Allocation - \$6,500

4 Months

Minimum Requested Allocation - \$6,500

Project Description

This project seeks to secure funding to purchase 120 DuoDote Nerve Agent Antidote Injectors. One high risk situation in which first responders are vulnerable in the event that terrorists employ organ phosphorus nerve agents to inflict mass casualties. If first responders are exposed to nerve agents, death usually occurs unless medication to combat their effects are administered. The purchase of DuoDote Injectors would provide first responders with a measure of safety following an exposure to nerve agents. The injectors are self-administered or may be administered by another first responder; they can be administered immediately following an exposure. Minimal training is needed to use the injectors, and only minimal side effects are possible following their use. The injectors would also be readily available to other agencies throughout the region in the event that an exposure occurs and more injectors are needed.



Project #N17 – Mill Valley ALPR

B12 HQ

Mill Valley Police Department

Project Lead – Lindsay Haynes

Estimated Project Time

Requested Allocation - \$56,088

5 Months

Minimum Requested Allocation - \$28,044

Project Description

The Mill Valley Police Department will use this funding to purchase two CarDetector Mobile Automated License Plate Reader (ALPR) systems from Vigilant Solutions. The Mill Valley Police Department will install both of the ALPR systems on two of our existing patrol vehicles. It is important for every agency in Marin County to have access to the vital information the ALPRS will provide, in order to better patrol their jurisdictions. This project also provides the opportunity for agencies to share different databases created by each individual department related to criminal investigations. This includes databases created directly for the investigation and/or monitoring of terrorist activity. These specific databases can then be shared with the Northern California Regional Intelligence Center (NCRIC) and the Department of Homeland Security (DHS).



Project #N19 – License Plate Recognition B13 HQ System

Fairfield Police Department

Project Lead – Greg Hurlbut

Estimated Project Time

Requested Allocation - \$111,550

7.5 Months

Minimum Requested Allocation - \$111,550

Project Description

This project seeks to obtain funding for a license plate recognition system. The City of Fairfield serves as the gateway to the Travis Air Force Base (TAFB). TAFB is a high threat target for terrorist attack. The Fairfield Police Department has formed successful partnerships with military components of TAFB to enhance security and force protection missions. An early warning system located prior to the entrance of TAFB would serve to alert staff working the main gate, as well as local law enforcement, when suspected terrorist activity is near TAFB. A license plate recognition system would serve to both identify vehicles in the vicinity of the TAFB as well as memorialize their presence through the use of a database. Four license plate recognition cameras would serve to identify traffic in the four lanes of traffic on Air Base Parkway. The cameras will report back their identified license plate as well as a still image of the vehicle to the database through a series of microwave repeaters on Air Base Parkway.



Project #N3 – Law Enforcement Emergency B14 HQ Response Light and Barricade

Novato Police Department

Project Lead – Oliver Collins

Estimated Project Time

Requested Allocation - \$13,000

4.5 Months

Minimum Requested Allocation - \$13,000

Project Description

The City of Novato Police Department requests FFY 2012 UASI regional funding for a light tower/generator and 8 foot metal crowd/safety barricades. These two items will increase the safety and effectiveness of the City and the regional responses to emergencies or disasters. The possibility for disruption of the electrical grid during a natural disaster incident is high and the light tower/generator will supply emergency workers with the means to work in darkness and provide a portable temporary DC electrical source. In addition the funding will be used to secure 25-8 foot metal barricades. The barricades are transportable and will be used at any pre-planned event or any response to a problem. This resource will be available for any agency or emergency response element who needs temporary safety and security or who has a planned event where large crowds are expected.



Project #N20– Body Cameras

B15 LQ

Fairfield Police Department

Project Lead – Greg Hurlbut

Estimated Project Time

2.5 Months

Requested Allocation - \$36,740

Minimum Requested Allocation - \$1,670 each

Project Description

This project seeks to fund the purchase of (22) body cameras for the Fairfield Mobile Field Force. The Fairfield Police Department maintains an operational Mobile Field Force team consisting of 20 sworn personnel. The team is both a self contained unit for local response and serves an active role in the operational area Solano County Mobile Field Force. The Mobile Field Force is responsible for a variety of missions locally, regionally and beyond. These missions include response to civil unrest, multi casualty large scale events, force protection missions and major disaster response. In an effort to better protect the law enforcement components participating in these multi agency responses the use of video recordings is a powerful tool to document the incident independent of subjective reporting. It is suggested that the use of body cameras be utilized for documentation of the incident and activities.



Project #N14 – Search and Rescue Foul B16 LQ Weather Multi-Use Jackets

Solano County Sheriff's Office

Project Lead – Brian Travis

Estimated Project Time

Requested Allocation - \$10,350

4 Months

Minimum Requested Allocation - \$10,350

Project Description

This project seeks to secure funding to purchase 60 Search and Rescue Foul Weather Multi-Use jackets. The jackets will ensure that the Solano County Office of Emergency Services Search and Rescue (SAR) team members have protection from the elements when engaged in an urban response. SAR members are volunteers who are prepared to respond to catastrophic man-made and natural disasters, whether it is in downtown Fairfield, Napa County, Sonoma County, Marin County or Yolo County. The primary mission of the SAR team is to provide emergency response to missing person type incidents and logistical support at planned events. However, as international and domestic terrorist groups shift strategy to more frequent, smaller attacks against soft targets, the SAR team could be asked to assist in searching for missing persons after a terrorist attack. Solano County's SAR team is frequently called upon to respond to many areas in the region and outside of it.



Project #N21 – Sebastopol Business Disaster B17 HQ Recovery Project

Sebastopol Fire Department

Project Lead – Skip Jirrels

Estimated Project Time

Requested Allocation - \$35,000

11.5 Months

Minimum Requested Allocation - \$35,000

Project Description

The Sebastopol Business Disaster Recovery Project is a collaboration of City government, local businesses and civic organizations, to plan and prepare for DISASTER RECOVERY in the private business community, by providing online data input, collection and individual and shared reporting; recovery phase exercises to test post-disaster resilience; continuity plans for small to medium sized businesses; and an economic-continuity plan for the whole community.



Project #N22– Mill Valley Business Resiliency B18 HQ Program

Mill Valley Fire Department

Project Lead – Tom Welch

Estimated Project Time
8 Months

Requested Allocation - \$4,000

Minimum Requested Allocation - \$4,000

Project Description

The City of Mill Valley has initiated the Essential Businesses for Disaster Resiliency (EBDR) pilot project, with the objective of maximizing the resilience of businesses that are essential to the community's actual and financial recovery post event. We have identified 19 businesses within the following seven essential categories: Building Supplies (hardware, home improvement); Food (groceries, restaurants); Energy (gasoline, propane); Money (Banks/ATMs); Medical; Pharmacies; Pet Care (vets, supplies). UASI sponsorship will fully fund this project. We intend to host 2, one-day Business Resiliency Workshops sponsored by the UASI grant with focus on exercising the participant's business continuity plans.





South Bay Hub Projects

ABOVE THE LINE

- A1 S10 - Santa Clara County – SVRIA – SVRCS
- A2 S09 - Monterey County Emergency Communications – Monterey County Computer Aided Dispatch System

BELOW THE LINE

- B1 S09 - Monterey County Emergency Communications – Monterey County Computer Aided Dispatch System
- B2 S10 - Santa Clara County – SVRIA – SVRCS
- B3 S11 - Monterey County Sheriff's Office – SWAT Ballistic Vest
- B4 S03 - Monterey County Sheriff's Office Bomb Squad – Remote Robot
- B5 S07 - City of Soledad Police Department – South Monterey County Multi-Agency Rapid Deployment Team
- B6 S12 - Santa Cruz Office of Emergency Services – Functional and Access Needs Sheltering Equipment
- B7 S14 - Santa Clara County Sheriff's Office – Containment Vessel to Strengthen CBRN Response
- B8 S08 - San Jose Fire Department – San Jose Fire HazMat Apparatus
- B9 S15 - Monterey County Sheriff's Office – Law Enforcement SWAT Delivery Vehicle
- B10 S05 - Monterey County Sheriff's Office Bomb Squad – Handheld Chemical I.D. Kit
- B11 S04 - Monterey County Sheriff's Office Bomb Squad – Portable X-Ray Equipment
- B12 S02 - Monterey County Sheriff's Office Bomb Squad – HAL Hook & Line Kit with Hand Tools
- B13 S06 - Monterey County Sheriff's Office Bomb Squad – Adros Robot F6A Upgrade
- B14 S16 - Stanford University Medical Center – Mobile Medical Disaster Device
- B15 S01 - City of Palo Alto – Solar Generator Trailer for Mobile Emergency Operations Center (MEOC)

RE-ALLOCATE

- 2011 S13 - Santa Cruz Office of Emergency Services – Santa Cruz County First Responder Radio System Enhancement



Project #S10 – Silicon Valley Regional A1 HQ Communications System (SVRCS)

Santa Clara County - SVRIA

Project Lead - Bert Hildebrand

Estimated Project Time
8 Months

Requested Allocation - \$1,625,000

Minimum Requested Allocation - \$542,000

Suggested Allocation - \$1,000,000

Project Description

At present it is anticipated that three sites could be added if the full \$1,625,000 were to be allocated. Actual site costs will vary due primarily to any unique site configuration or site enhancement requirements that may be necessary. This will enhance interoperability and operational communications capabilities for all public safety field personnel in Santa Clara county and also be compatible with and interoperable with surrounding bay area regional public safety communications systems and equipment. Through the expansion of the SVRCS by adding additional radio sites, the footprint of the systems coverage will increase. Communications interoperability will be enhanced each time the SVRCS is expanded and/or additional public safety agencies transition to it's use.



Project #S9 – Monterey County Computer A2 SQ Aided Dispatch System

Monterey County Emergency Communications

Project Lead – DeAnna Hilbrants

Estimated Project Time

Requested Allocation - \$750,000

12 Months

Minimum Requested Allocation - \$750,000

Suggested Allocation - \$642,197

Project Description

This proposal is for replacement of the Computer Aided Dispatch (CAD) system for Monterey County Emergency Communications. This will include improved ability to transfer data between agencies especially as a secondary mechanism for communication in the event of voice system failure. During a terrorist event or natural disaster, the voice system may be at capacity. In addition, a CAD system may provide the ability to communicate with resources that are outside the area providing mutual aid services. Redundant capability or the ability to off load CAD to a cooperating agency or adjacent center will be a desired feature. This project can benefit the South Bay region including Monterey County, Santa Clara County, Santa Cruz County, and San Benito County. This system will be used for response to and recovery from terrorist incidents.



Project #S9 – Monterey County Computer B1 SQ Aided Dispatch System

Monterey County Emergency Communications

Project Lead – DeAnna Hilbrants

Estimated Project Time

Requested Allocation - \$750,000

12 Months

Minimum Requested Allocation - \$107,803

Project Description

This proposal is for replacement of the Computer Aided Dispatch (CAD) system for Monterey County Emergency Communications. This will include improved ability to transfer data between agencies especially as a secondary mechanism for communication in the event of voice system failure. During a terrorist event or natural disaster, the voice system may be at capacity. In addition, a CAD system may provide the ability to communicate with resources that are outside the area providing mutual aid services. Redundant capability or the ability to off load CAD to a cooperating agency or adjacent center will be a desired feature. This project can benefit the South Bay region including Monterey County, Santa Clara County, Santa Cruz County, and San Benito County. This system will be used for response to and recovery from terrorist incidents.



Project #S10 – Silicon Valley Regional B2 HQ Communications System (SVRCS)

Santa Clara County - SVRIA

Project Lead - Bert Hildebrand

Estimated Project Time

Requested Allocation - \$1,625,000

8 Months

Minimum Requested Allocation - \$625,000

Suggested Allocation - \$1,000,000

Project Description

At present it is anticipated that three sites could be added if the full \$1,625,000 were to be allocated. Actual site costs will vary due primarily to any unique site configuration or site enhancement requirements that may be necessary. This will enhance interoperability and operational communications capabilities for all public safety field personnel in Santa Clara county and also be compatible with and interoperable with surrounding bay area regional public safety communications systems and equipment. Through the expansion of the SVRCS by adding additional radio sites, the footprint of the systems coverage will increase. Communications interoperability will be enhanced each time the SVRCS is expanded and/or additional public safety agencies transition to it's use.



Project #S11 – SWAT Ballistic Vest

B3 SQ

Monterey County Sheriffs Office

Project Lead – Sgt. Garrett Sanders

Estimated Project Time
6 Months

Requested Allocation - \$64,803

Minimum Requested Allocation - \$32,400

Project Description

The request is for (28) replacement personal tactical body armor vests and attachments (utility pouches) to replace the teams currently expired body armor. Our current body armor has exceeded its service life by more than two years. The SWAT team is currently responsible for responding to hostage situations, armed barricaded suspects, downed or disabled officer(s), citizen rescue, terrorist confrontations, high risk search warrants, assistance in controlling civilian disturbances, and any other circumstances that go beyond the capabilities of normal patrol personnel. The SWAT team serves the entire Monterey County Operational area and is in process of approving an MOU with San Benito County to provide the same services within their operational area. At the signing of the new SWAT services MOU with San Benito County, the Monterey County SWAT team will be responsible for two Operational areas in the Southern UASI region.



Project #S3 – Remote Robot

B4 HQ

Monterey County Sheriff's Bomb Squad

Project Lead – Michael S. Smith

Estimated Project Time

6 Months

Requested Allocation - \$198,844

Minimum Requested Allocation - \$151,844

Project Description

The purchase of this remote robot system would allow the four member squad to deploy in two bomb teams to handle two incidents simultaneously. This would allow for a bomb team to be ready to respond within the two operational areas and for deployment of another throughout the region for special events or emergencies. The bomb squad possesses one radio controlled remote robot system that is over seven years old. The remote robot platform not only serves the needs of the bomb squad during explosive incidents, but supports the regional SWAT teams and HAZMAT teams within the hot zones. This robot platform is capable of providing mission surveillance and can operate remotely within the "Hot Zone" for extended period of times with diagnostic equipment attached while the technicians are in a safe location.



Project #S7 – South Monterey County Multi- B5 LQ Agency Rapid Deployment Team

City of Soledad Police Department

Project Lead – Damon C. Wasson

Estimated Project Time
12 Months

Requested Allocation - \$25,000

Minimum Requested Allocation - \$17,000

Project Description

The South Monterey County Multi-Agency Rapid Deployment Team is a joint-agency, multi-agency unit comprised of officers from the four main South Monterey County law enforcement agencies. This unit can be fully functional with capabilities of responding to and mitigating homeland security issues, hazardous incidents, active events and natural/man made disaster. This is a continuing ever evolving unit/project that will be of tremendous value not only to the South Monterey County area but with the potential for information sharing, mitigation, rapid response and multi-agency inter-operational capabilities, to the entire region and surrounding regions as well.



Project #S12 – Functional and Access Needs B6 HQ Sheltering Equipment

Santa Cruz OES

Project Lead – Paul Horvat

Estimated Project Time

Requested Allocation - \$78,000

3.5 Months

Minimum Requested Allocation - \$39,000

Project Description

The Santa Cruz County American Red Cross chapter would like to undertake a project that is aimed at addressing the critical needs of those who have functional and access challenges; particularly in the event of a catastrophic incident where Red Cross and partner shelters would be utilized. The County of Santa Cruz is requesting 7 mobile 7'x 16' Haulmark Transport trailers along with cots and blankets. Each trailer would be out fitted with 70 regular deluxe cots 500lb capacity, 20 jumbo cots 500lb capacity, 10 special needs cots with elevation head and foot and blankets. The requested number of mobile trailers, cots and blankets would be made available to our adjacent counties thru mutual aid.



Project #S14 – Tracked Total Containment B7 HQ Vessel

Santa Clara Sheriffs Office

Project Lead – Brian A. Washburn

Estimated Project Time

Requested Allocation - \$465,000

10 Months

Minimum Requested Allocation - \$465,000

Project Description

This project will strengthen the region's CBRN Detection, Response, and Decontamination capabilities through the purchase of a NABCO gas tight (WMD) tracked total containment vessel (TCV) for explosive or WMD Chemical Biological response operations. The TCV is designed to transport and dispose of explosive devices that may contain biochemical hazards. The TCV has the capability of extracting either atmospheric samples or liquid samples from the interior of the TCV after the device has been secured, pre or post detonation. The Sheriff's Office has determined that the purchase of the track mounted WMD TCV will increase the readiness and response capabilities of the BAUASI by having a similar capability surrounding the region. This South Bay Hub asset will allow for faster response times throughout the region, cross discipline response capabilities, and overall strengthening of the region's response to CBRN threats.



Project #S8 – San Jose Fire HazMat Apparatus

B8 HQ

San Jose Fire Department

Project Lead – Alberto Olmos

Estimated Project Time
12 Months

Requested Allocation - \$500,000

Minimum Requested Allocation - \$500,000

Project Description

The project is the purchase of a Hazardous Materials Response apparatus that can accommodate the additional required/mandated equipment for a CalEMA Type 1 Team. The San Jose Fire Department currently does not have a response apparatus, and has been utilizing a reserve USAR apparatus. A new apparatus would allow for consolidation of equipment and personnel. By approving this project the SJFD HazMat Team will be able to identify and assess threats and hazards that pose the greatest risk to the region. Additionally, the SJFD HazMat Team will enhance response, capabilities, and safety for firefighters and civilians involving WMD/HazMat emergencies. This project will enhance capability-based planning investments and solutions for prevention, protection, mitigation, response, and recovery concerning Hazardous Materials Incidents.



Project #S15 – Law Enforcement SWAT Delivery B9 HQ Vehicle

Monterey County Sheriff's Department

Project Lead – Sgt. Garrett Sanders

Estimated Project Time

Requested Allocation - \$ 116,816

6 Months

Minimum Requested Allocation - \$116,816

Project Description

The proposed request is for a Law Enforcement Specialized Weapons and Tactics (SWAT) 4X4 Delivery vehicle for the Monterey County Sheriff's SWAT team. The Vehicle is a Patriot3 "Jump Out Van" that is equipped to have multi purpose roles in the prevention of, or response to, a terrorist event. The vehicle is specially equipped as a SWAT personnel delivery vehicle that can provide four wheel drive transportation for 10 fully equipped SWAT operators. It can also be utilized as a medical evacuation vehicle for several patients while being protected by SWAT operators and has the capability to deliver essential supplies to remote areas if needed. Currently the Sheriff's SWAT team does not have a vehicle with these capabilities. At the signing of the new SWAT services MOU with San Benito County, the Monterey County SWAT team will be responsible for two Operational areas in the Southern UASI region.



Project #S5 – Handheld Chemical I.D. Kit B10 HQ

Monterey County Sheriff's Bomb Squad

Project Lead – Michael S. Smith

Estimated Project Time

Requested Allocation - \$112,780

5.5 Months

Minimum Requested Allocation - \$60,000

Project Description

This handheld chemical I.D. kit will rapidly detect and identify CBRNE materials at critical infrastructure locations, public events and incidents within the two isolated operational areas. Currently the squad has to wait extended periods of time for either the county health department or HAZMAT team to arrive with antiquated analysis equipment. This project will directly support the Monterey and San Benito County (2012-2013 MOU) operational areas with actual or suspected explosive incidents and HAZMAT support. The Bay Area UASI region benefits through interoperability with existing users such as San Jose Police Bomb Squad, San Mateo Bomb Squad, Alameda County Fire Department and Santa Clara County Fire Department.



Project #S4 – Portable X-Ray Equipment

B11 HQ

Monterey County Sheriff's Bomb Squad

Project Lead – Michael S. Smith

Estimated Project Time

Requested Allocation - \$32,654

5 Months

Minimum Requested Allocation - \$26,000

Project Description

The purchase of this x-ray system would allow the four member squad to deploy in two bomb teams to handle two incidents simultaneously. This would allow for a bomb team to be ready to respond within the two operational areas of Monterey and San Benito counties and for deployment of another throughout the region for special events or emergencies. The bomb squad currently possesses one Logos system and is in use across the United States as the FBI Hazardous Devices School utilizes the same piece of equipment to train new bomb technicians. As for interoperability, any certified bomb technician in the country has the ability to operate the Logos system.



Project #S2 – HAL Hook & Line Kit with B12 HQ Hand Tools

Monterey County Sheriff's Bomb Squad

Project Lead – Mark D. Caldwell

Estimated Project Time

Requested Allocation - \$14,384

5.5 Months

Minimum Requested Allocation - \$14,384

Project Description

The bomb squad regularly responds to incidents involving suspicious and or explosive devices. Sometimes these devices are in areas that are inaccessible to a robot . Because of these types of situations, the use of hook & line kits are necessary to remotely remove items to a location where render safe procedures can be performed. The use of hand tools are necessary to safely resolve these types of critical incidents. These added pieces of required EOD equipment would allow the Monterey County Sheriff's Office Bomb Squad to respond to two separate incidents within the two response regions, Monterey County and San Benito County.



Project #S6 – Andros F6A Robot Upgrade

B13 HQ

Monterey County Sheriff's Bomb Squad

Project Lead – Mark D. Caldwell

Estimated Project Time

Requested Allocation - \$67,072

5.5 Months

Minimum Requested Allocation - \$67,072

Project Description

The bomb squad regularly responds to incidents involving suspicious or explosive devices and the use of the Andros Robot has been paramount in maintaining FBI safety standards when dealing with these devices. The currently used Andros Robot was purchased utilizing County OES funds in 2006 and has a recommended life of 7 years. Although the currently operated robot continues to function, it has become necessary to continuously purchase new parts from the manufacture to maintain it's operational readiness. With an upgrade, the entire robot would be rebuilt with new moving parts, software, drive systems and controllers. The grant award for the Andros F6A Upgrade will allow Monterey County Bomb Squad to continue to serve both San Benito County and Monterey County, along with the entire "South Bay Hub" of the UASI region.



Project #S16– Mobile Medical Disaster Device B14 HQ

Dept. of Obstetrics at Stanford Univ. Medical Center

Project Lead – Kay Daniels

Estimated Project Time

11.5 Months

Requested Allocation - \$121,000

Minimum Requested Allocation - \$100,000

Project Description

This project entails the customization of existing software for a mobile device and smart phone application that allows rapid access to disaster plans, algorithms, and all hazard emergency management response plans immediately after a terrorist attack or other disaster occurs. This device and applications will be used by hospital personnel in prenatal units for the care and evacuation of patients during a catastrophe. Following completion of the work, prenatal units in 3 regional hospitals will be trained in its use.



Project #S1 – Solar Generator Trailer for Mobile B15 LQ Emergency Operations Center (MEOC)

Palo Alto OES

Project Lead – Nathan Rainey

Estimated Project Time
4.5 Months

Requested Allocation - \$120,500

Minimum Requested Allocation - \$120,500

Project Description

The City of Palo Alto seeks to purchase one Solar Generator Trailer to provide self-Sustaining power for the Mobile Emergency Operations Center (MEOC). Limits of diesel fuel availability currently could constrain the length of time the MEOC could be deployed, especially in a regional catastrophe.



Project #S13 – Santa Cruz County First Responder 2011 HQ Radio System Enhancement

Santa Cruz County OES

Project Lead - Mike Del Fava

Estimated Project Time
6 Months

Requested Allocation - \$425,000

Minimum Requested Allocation - \$209,383

Project Description

In Santa Cruz County we are currently unable to effectively communicate in multiple geographical areas due to the degradation of our radio communication system as a result of narrow banding compliance. The purchase of 5 repeaters, VHF Frequency Multiplexer, DSM Cards, 2 Antennas, and 39 receivers & Voters will enhance the existing radio infrastructure system which is experiencing gaps in coverage as a result of the FCC mandated narrow banding.





West Bay Hub Projects

ABOVE THE LINE

- A1 W43 - San Francisco Police Department – Homeland Security Unit Planner
- A2 W2 - San Mateo County Sheriff's Office – Homeland Security Captain
- A3 W53 - San Francisco Police Department - Captain – Project Manager – Management Bay Area UASI
- A4 W40 - San Francisco DEM & San Mateo County – Information Sharing Systems (Notification Systems)
- A5 W40 - San Francisco DEM & San Mateo County – Information Sharing Systems (Notification Systems)
- A6 W4 - San Mateo County Sheriff's Office – San Mateo County/West Bay Planner
- A7 W1 - San Francisco Bay Area Rapid Transit District (BART) – Transbay Tube Rescue Field Carts
- A8 W36 - San Francisco Fire Department – Portable Water Supply System Enhancements
- A9 W8 - San Mateo County Sheriff's Office – Mobile Command Vehicle Video Down Link
- A10 W54 - San Francisco Fire Department – Community Preparedness
- A11 W52 - San Francisco Fire Department – CBRNE Haz-Mat Enhancements
- A12 W11 - San Mateo County Sheriff's Office Bomb Squad – Bomb Squad LVBIED Remote Controlled System
- A13 W30 - Department of Emergency Management – BART Inter Sub-System Interface (ISSI)
- A14 W58 - San Francisco Fire Department – ADC Homeland Security/Disaster Preparedness Coordinator & Planner
- A15 W6 - San Mateo County Office of Emergency Services – SMCO ALPR Project
- A16 W35 - San Francisco Police Department – Data Cards and Service

BELOW THE LINE

- B1 W29 - Department of Emergency Management – Interoperable Radio Communications – Portable Radios for Police, Fire and Sheriff
- B2 W7 - San Mateo County Sheriff's Office – Micro Robotic System
- B3 W5 - San Mateo County Office of Emergency Services – AirCover QuadRoter Unmanned Air System
- B4 W3 - Foster City Police Department – Thermal Imaging Cameras
- B5 W9 - San Mateo County Sheriff's Office – Portable Repeaters
- B6 W64 - County of San Mateo - SMIRC P25 Subscriber Equipment
- B7 W10 - County of San Mateo – SMIRC Dispatch Consoles (Phase 1)



Project #W43 – Homeland Security Unit Planner A1 HQ

San Francisco Police Department

Project Lead – David Lazar

Requested Allocation - \$254,000

Minimum Request - \$170,543

Suggested Allocation - \$170,543

Estimated Project Time
12 Months

Project Description

The Captain of Homeland Security is primarily responsible for formulating, establishing and implementing policies, assisting with the management of finances, and coordinating the use of all available resources in a manner that provides stability to the Department and thus protection to the citizens and property it serves. This position coordinates major projects or programs within the Special Operations Bureau, Homeland Security Unit. Coordination may include responsibilities such as administrative, operations, technical or financial duties as well as the development of multi-year funding source strategies to ensure the Department and associated partner agencies are best prepared for terrorist based incidents and an all hazards readiness.



Project #W2 – Homeland Security Captain A2 SQ

San Mateo County Sheriffs Office

Project Lead – Jeff Kearnan
Requested Allocation - \$340,000
Minimum Request - \$340,000
Suggested Allocation - \$340,000

Estimated Project Time
10 Months

Project Description

The Captain of Homeland Security is primarily responsible for formulating, establishing and implementing policies, assisting with the management of finances, and coordinating the use of all available resources in a manner that provides stability to the Office and thus protection to the citizens and property it serves. This position coordinates major projects or programs within the Sheriff's office. The Homeland Security Captain is responsible for the development of the overall Office homeland security strategy and the creation of strategic goals, and guiding principles.



Project #W53 – Captain – Project Manager –
A3 HQ Management Team- Bay Area UASI

San Francisco Police Department

Project Lead – David Lazar

Estimated Project Time
12 Months

Requested Allocation - \$254,000

Minimum Request - \$170,543

Suggested Allocation - \$170,543

Project Description

This proposal is for a staffed position on the Bay Area UASI Management's Team to work in partnership with the Digital Sandbox Risk Assessment Center (RAC) to not only identify risks, gaps and capabilities affecting the San Francisco Police Department but throughout the City and County of San Francisco, with all of its 58 City Departments, serving as the liaison from the Bay Area UASI Management Team and working with the San Francisco Department of Emergency Management to provide services as the City and County of San Francisco PUBLIC SAFETY Project Manager.



Project #W40 – Information Sharing Systems A4

San Mateo County Sheriffs Office

Project Lead – Mark Wyss
Requested Allocation - \$140,000
Minimum Request - \$140,000
Suggested Allocation - \$140,000

Estimated Project Time
12 Months

Project Description

Since 2006, San Francisco and San Mateo have been utilizing text and email messaging to notify and warn the public of incidents within their cities and surrounding counties. This project sustains the SF's CORES system, San Mateo's SMC Alert, TENS, SIREN system to provide notifications to numerous users for various types of events. These systems, along with other forms of communication, allows the counties to communicate effectively with the public providing real time messaging and important updates. WebEOC is a web-enabled crisis information management system that provides secure real-time information to Emergency Operations Centers. WebEOC has been adopted by both San Francisco and San Mateo. This project would pay for the continuing license and management fees of WebEOC and the notification subsystems in use by each county to improve regional information sharing. This project will enable both counties to continue to provide important messaging to the public with minimal maintenance and up keep.



Project #W40 – Information Sharing Systems A5

SF Dept. of Emergency Management

Project Lead – Patrick Leung

Estimated Project Time
12 Months

Requested Allocation - \$300,000

Minimum Request - \$300,000

Suggested Allocation - \$300,000

Project Description

Since 2006, San Francisco and San Mateo have been utilizing text and email messaging to notify and warn the public of incidents within their cities and surrounding counties. This project sustains the SF's CORES system, San Mateo's SMC Alert, TENS, SIREN system to provide notifications to numerous users for various types of events. These systems, along with other forms of communication, allows the counties to communicate effectively with the public providing real time messaging and important updates. WebEOC is a web-enabled crisis information management system that provides secure real-time information to Emergency Operations Centers. WebEOC has been adopted by both San Francisco and San Mateo. This project would pay for the continuing license and management fees of WebEOC and the notification subsystems in use by each county to improve regional information sharing.



Project #W4 – San Mateo County/West Bay Planner A6 HQ

San Mateo County Sheriffs Office

Project Lead – Jeff Kearnan

Estimated Project Time
10 Months

Requested Allocation - \$121,000

Minimum Request - \$121,000

Suggested Allocation - \$121,000

Project Description

The San Mateo County/West Bay Planner will :

- Represent the West Bay at all Bay Area UASI related meetings, trainings, functions, etc.
- Provide monthly briefings to the West Bay participants, to include overall status update and update on projects specific to or of interest to the South Bay.
- Coordinate, and facilitate any needs assessment (Digital Sandbox tool, or other similar application) processes and allocation processes for the West Bay.
- Facilitate the execution of any MOU's with the West Bay jurisdictions.
- Coordinate, and facilitate the delivery of projects receiving UASI funds in the West Bay.

This would be done in collaboration with other staff from the West Bay jurisdictions.



Project #W1 – Transbay Tube Rescue Field Carts

A7 HQ

SF BART

Project Lead – Marla Blagg
Requested Allocation - \$19,170
Minimum Request - \$19,170
Suggested Allocation - \$19,170

Estimated Project Time
6 Months

Project Description

The four (4) field carts that are currently located in the Transbay Tube need replacing as they are unreliable, difficult to maintain and obtain replacement parts, thereby are inadequate for current and/or future activities. This project will provide the 2 field carts located in San Francisco. The carts are used exclusively for the fire departments. BART will not be seeking any additional funding for training, as the vendor would be responsible for providing training. BART staff will then provide training to local fire departments and other agencies. The optimal training time for fire departments will be included during the existing communication equipment drills conducted monthly.



Project #W36 – Portable Water Supply System A8 HQ Enhancements

San Francisco Fire Department

Project Lead – Kyle Merkins
Requested Allocation - \$500,000
Minimum Request - \$500,000
Suggested Allocation - \$500,000

Estimated Project Time
9 Months

Project Description

This project addresses the need for an enhanced and highly flexible above-ground water delivery system for firefighting and hazard mitigation in the aftermath of a major earthquake, or other natural disaster, or of a terrorist attack on established domestic water supplies. This project involves the purchase and strategic placement of large diameter hose, pumps, portable hydrants, and high pressure monitors that could rapidly be deployed anywhere in the city or regionally if needed. With proper training, neighborhood volunteers would be called upon to deploy the Portable Water Supply System. The water delivery system could be used for firefighting and as a potable water source. This is a high priority project and can be scalable to meet UASI budgetary needs.



Project #W8 – Mobile Command Vehicle Video Down Link A9 HQ

San Mateo County Sheriff's Office

Project Lead – Joe Sheridan
Requested Allocation - \$125,000
Minimum Request - \$125,000
Suggested Allocation - \$125,000

Estimated Project Time
7 Months

Project Description

This project is designed to add additional real time video capability to San Mateo County's Sheriff's Mobile Command Vehicle (MCV) and it will be available for deployment throughout the region. The goal is to outfit the MCV with a video down link system that would allow them to receive live video feeds from overhead aircraft. This ability will enhance the Sheriff's Office operational Communications capabilities as it will allow public safety personnel to view and record live data during an incident giving an enhanced real time perspective of the overall situation. As this system utilizes the next generation digital standard it will not go obsolete as older analog systems are phased out. This system will be directly compatible with the systems currently being installed by the California Highway Patrol and planned for integration into the new San Mateo County SO Aircraft.



Project #W54 – Community Preparedness

A10 SQ

San Francisco Fire Department

Project Lead – Lt. Erica Arteseros

Requested Allocation - \$82,506

Minimum Request - \$65,000

Suggested Allocation - \$65,000

Estimated Project Time
10 Months

Project Description

The SFFD community project grant funding would be used to enhance the community training, exercise and response capabilities, ensuring that they will have the necessary skills, and supplies. This will be accomplished in a collaborative process with emergency responders. Concentrated effort will be made to reach individuals and service providers so that it is inclusive of residents of all income levels and particularly hard to reach mono-lingual groups. Specifically an enhanced program will be developed with the Neighborhood Watch and CERT components of bringing neighbors together in an organized and targeted way to work on succeeding in preventing, protecting/mitigating, preparing for, responding to and recovering from all known threats and hazards



Project #W52 – CBRNE Haz-Mat Enhancements

A11 HQ

San Francisco Fire Department

Project Lead – Kyle Merkins

Estimated Project Time
4 Months

Requested Allocation - \$100,000

Minimum Request - \$100,000

Suggested Allocation - \$100,000

Project Description

The San Francisco Fire Department would like to purchase new state of the art CBRNE/Haz-Mat equipment for the SFFD Haz-Mat Team. Mainly the project would allow the San Francisco Fire Department to update current systems software with enhanced capabilities and purchase new 16 gas analyzers for our team. This would benefit the region due to the fact our Haz-Mat Team will respond to regional requests for assistance. Other Haz-Mat Teams in the region have or are in the process of obtaining this same equipment for their teams.



Project #W11 – Bomb Squad LVBIED Remote A12 HQ Controlled System

San Mateo County Sheriffs Office

Project Lead – Mark Duri

Estimated Project Time
7 Months

Requested Allocation - \$142,653

Minimum Request - \$142,653

Suggested Allocation - \$142,653

Project Description

The SMCSO is requesting grant funding for the QinetiQ Laptop Controller with Digital Data/Video Remote Controlled Radio System in order to enhance their capabilities of defeating/mitigating Large Vehicle Borne Improvised Explosive Devices (LVBIEDs) with this industry standard tool. Currently there is no squad in the Bay Area that has a remote controlled heavy lifting vehicle which can be operated and employed to deliver such disruption devices. This remote controlled system will be paired with the newly purchased Bobcat Compact Track Loader T-650 and transport trailer. This system transforms a Bobcat Loader into a remotely operated “robot” capable of using more than forty Bobcat approved attachments. The loader can be sent down range to handle large, deep buried IEDs and vehicle borne IEDs. This remote track driven system once deployed will utilize its eight cameras, including night vision & thermal imaging cameras.



Project #W30 – BART Inter Sub-System Interface (ISSI) A13 HQ

SF Dept. of Emergency Management

Project Lead – Michelle Geddes
Requested Allocation - \$365,000
Minimum Request - \$365,000
Suggested Allocation - \$245,180

Estimated Project Time
12 Months

Project Description

With this project, CCSF and BART are looking to take advantage of the 800MHz P25 System that BART has installed in their tunnels, to enhance radio communications for San Francisco first responders. The ISSI link would bridge newly available P25 radio services of SF and of BART, as well as conventional and existing trunked radio systems, giving the CCSF First Responders entering BART's underground the ability to not only communicate on BART's new P25 800 MHz system but stay in contact with the CCSF Dispatch Center.



Project #W58 – Assistant Deputy Chief of A14 HQ Homeland Security

San Francisco Fire Department

Project Lead – Kyle Merkins
Requested Allocation - \$298,000
Minimum Request - \$190,065
Suggested Allocation - \$190,065

Estimated Project Time
12 Months

Project Description

This project would continue funding for the SFFD ADC of Homeland Security. The position is the liaison to the city and the region for all grant related planning, communications, training, exercises, etc. The Homeland Security Chief is the disaster preparedness coordinator for the department and attends all city and UASI meetings to ensure the SFFD is aligned with the region and better prepared to prevent, protect, respond, recover, or mitigate from a natural disaster or terrorism attack.



Project #W6 – SMCO ALPR Project A15 HQ

San Mateo County OES

Project Lead – Jeff Kearnan
Requested Allocation - \$200,000
Minimum Request - \$84,672
Suggested Allocation - \$84,672

Estimated Project Time
8.5 Months

Project Description

Installation of fixed automated license plate readers along the San Mateo County Bayshore freeways in an effort to effectively monitor the entry points to San Mateo County. ALPR camera systems would be strategically positioned at entry and exit locations surrounding the County capturing plate reads and comparing to multiple data bases to identify active AMBER Alerts, wanted felony vehicles, stolen vehicles and lost or stolen plates. Dispatchers will be notified of any hit that matches an active database and the hits can also be routed to others in the department via email or a PDA type device for notification.



Project #W41 – Data Cards and Service A16 HQ

San Francisco Police Department

Project Lead – Lt. Thomas Feledy

Requested Allocation - \$50,000

Minimum Request - \$10,000

Suggested Allocation - \$10,000

Estimated Project Time
12 Months

Project Description

This project is to sustain our investment in remote internet capabilities. The Data Cards will be assigned to the San Francisco Police Department District Stations and various specialized units to be used in conjunction with a laptop. The laptops are used to receive and send secured information through a secure network such as LEO (Law Enforcement Online). The sharing of information in a timely manner is critical to prevent possible attacks. The Data Cards with a laptop will be used by field incident command to relay situational awareness during an incident to our EOC or DOC.



Project #W29 – Interoperable Radio Communications

B1 HQ Portable Radios for Police, Fire and Sheriff

SF Dept. of Emergency Management

Project Lead – Michelle Geddes

Estimated Project Time
12 Months

Requested Allocation - \$1,500,000

Minimum Allocation - \$202,703

Project Description

This project would begin the deployment of 7/800MHz P25 radios throughout the 3 public safety departments.

1. SFPD with 230 Portable Radios. This will be for specialized units (SWAT/TAC, EOD, and Specialists) with radios capable of 7/800 P25 operation.
2. SFFD with 50 Radios that will be provided to the companies that are on first assignment to respond in the BART tunnels.
3. Sheriff Department with 90 Radios for their Emergency Services Unit. These units are most likely deployed to regional incidents that require mutual aid with other jurisdictions.



Project #W7 – Micro Robotic System

B2 SQ

San Mateo County Sheriffs Office

Project Lead – Al Elzey

Estimated Project Time
5 Months

Requested Allocation - \$87,219

Minimum Allocation - \$87,219

Project Description

San Mateo County proposes a deployment of three Micro robots in the North, Coastal, and South Regions of the County. This project would prepare San Mateo to better handle emergency situations, CBRNE incidents, and terrorist attacks. Most departments in the Bay Area rely on robots that have a very complicated setup process and are too expensive to distribute across the County. As a result, law enforcement usually sends human officers into dangerous situations, which carry obvious risks for their health and safety. The robot would help mitigate this risk; visual and audio intelligence can be gathered while keeping members of law enforcement safely out of harm's way. Multiple robots can be used simultaneously to confront large-scale crisis scenarios. The system will equip officers to respond to CBRNE incidents, serve high-risk warrants, communicate with potentially hostile suspects, and search for missing persons.



Project #W5 – AirCover QuadRotor Unmanned Air System B3 HQ

San Mateo County OES

Project Lead – Lt. Jeff Kearnan

Estimated Project Time
5 Months

Requested Allocation - \$70,000

Minimum Allocation - \$70,000

Project Description

The AirCover QuadRotor QR425s is the first unmanned air system to completely address the expressed need for a light weight, fully functional platform that enables deputies in the field to obtain real-time actionable information. The QR425s, among other features, provides live streaming video to the operator, including an optional infrared camera for night operations, real time GPS coordinates of the aircraft, 25 minute flight time per battery, quick change battery packs, gyro-stabilized HD quality video, 256-bit AES Encryption, GIS-enhanced navigation, perch surveillance capability, and an autonomous "fly-home" feature.



Project #W3 – Thermal Imaging Cameras

B4 SQ

Foster City Police Department

Project Lead – Frank Derris
Requested Allocation - \$36,850
Minimum Allocation – 9,213

Estimated Project Time
5.5 Months

Project Description

This request is for the purchase of (4) Thermal Imaging Cameras (TIC) and the necessary peripherals for storage and charging. The (TIC) is a tool which will allow the tactical operator to identify "hot spots" such as persons, recently operated vehicles or any mechanical or natural object that emits heat. The TIC is also useful for viewing in the dark as well as through walls and other similar vision obstructions. Currently, our tactical teams gain access to a TIC via the local municipal fire departments. Unfortunately, access is limited and in the event of a terrorist incident the fire departments would most likely need to retain their TIC's for search and rescue operations as well as area fire watch. The purchase of the (4) cameras will improve San Mateo Counties and regional responses to a terrorist attack by providing the ability to covertly gather intelligence, plan accordingly and mitigate threats more effectively



Project #W9 – Portable Repeaters

B5 SQ

San Mateo OES

Project Lead – Joe Sheridan

Estimated Project Time

4 Months

Requested Allocation - \$30,000

Minimum Allocation - \$30,000

Project Description

This is a man-pack repeater system that can be rapidly deployed to any location where additional or emergency communications coverage is required. The unit is self contained and can operate in remote locations where commercial power or other infrastructure is not available. The purchase of a portable repeater will help enhance mutual aid communication in San Mateo County as well as throughout neighboring counties when deployed as part of a mutual aid response. It will also provide the capability of quickly restoring emergency radio communications in a disaster area where normal systems may have been damaged or failed. By providing the region with a quickly deployable communication asset, we can offer flexible communication solutions on current and newly assigned mutual aid frequencies. This project will help continue to improve communications capabilities in the region by providing an additional portable resource that can be rapidly deployed.



Project #W64 – SMIRC P25 Subscriber Equipment B6

County of San Mateo

Project Lead – Steve Dupre

Requested Allocation - \$6,000,000

Minimum Allocation - \$600,000

Estimated Project Time
7 Months

Project Description

San Mateo County desires to begin procurement of user equipment in order to migrate to the P25 system. The County will require approximately 1500 radios at an estimated cost of \$6,000,000. The scope for this 2013 proposal is to procure 150 radios that would be deployed to law enforcement users at various agencies in San Mateo. This equipment will provide greater interoperability between SMCO law enforcement users and our regional partners. This project is one phase of the ongoing San Mateo Interoperability Radio Communications project (SMIRC). The SMIRC project involves the implementation of a public safety P25 radio system. Construction of a significant portion of the SMIRC infrastructure is completed and operational. The construction of the P25 RF infrastructure will be complete by July 2013.



Project #W10 – SMIRC Dispatch Consoles B7 HQ (Phase 1)

County of San Mateo

Project Lead - Steve Dupre

Estimated Project Time
7 Months

Requested Allocation - \$2,200,000

Minimum Request - \$575,000 (Phase 1 & 2)

Project Description

- 1- Network equipment and conventional channel interface = \$ 365,000 (request funds)
- 2- Supervisory consoles (Qty 3) & related equipment = \$210,000 (request funds)
- 3- Law Consoles (Qty 5) & related equipment = \$350,000
- 4- EMS Consoles (Qty2)& related equipment = \$140,000
- 5- Fire Consoles (Qty 5) & related equipment = \$350,000
- 6- Alternate Fire & Law Consoles (Qty 5) & related equipment = \$400,000
- 7- Console control stations and ancillary equipment = \$285,000

