



METRO BOSTON  
**HOMELAND  
SECURITY**

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FFY2008  
URBAN AREAS SECURITY INITIATIVE  
GRANT PROGRAM

## ***PROJECT DETAILS AND PROJECTED ACTIVITIES FOR FFY2008***

The subsequent material outlines the primary goals and objectives set forth by the Mayor's Office of Emergency Preparedness and the Metro Boston's Homeland Security Region's (MBHSR) Jurisdictional Points of Contacts (JPOCs) as the Region collectively moves forward in its regional homeland security planning.

MBSHR partners continue to be actively engaged in meeting the goals and objectives outlined in the updated FFY2008 UASI Strategy. As the MBHSR moves forward into the FFY2008 UASI project period, we continue our commitment to pursuing the goals, objectives, and individual homeland security tasks outlined in the UASI HS Strategy. In accordance with DHS guidance, MOEP has moved towards an all hazards approach to improving regional preparedness focusing on prevention, preparedness, response and recovery.

All equipment procurements will adhere to DHS's Authorized Equipment List. All training and exercise requests will adhere to the EOPSS Training and Exercise Guidance and all exercises will be compliant with the Homeland Security Exercise and Evaluation Program requirements.

The following eight investments represent the projected FFY2008 UASI regional initiatives throughout the MBHSR:

## **Investment I: Communications Interoperability - \$3,125,000**

The purpose of this investment is to continue implementation of the MBHSR's 5 year Communications Interoperability Strategic Plan's goals and objectives and the Commonwealth's Homeland Security Strategy. The projects selected for funding build off of projects funded with previous years of UASI funding and are will be coordinated with the Statewide Communications Interoperability Plan (SCIP) and the State Interoperability Executive Committee (SIEC). All UASI funded projects will also adhere to the Environmental Planning and Historic Preservation (EHP) requirements.

Work completed within this investment will help ensure data and voice interoperability among the Region's first responders, and maintain interoperability goals and requirements.

The projected costs associated with the initiatives of this investment will include costs for supplies and equipment directly related to the development of this investment and planning costs related to the implementation of regional communications and integrated systems. Specific outcomes will include:

- **Cambridge Fire and Boston Police Portable Subscriber Units (\$1,400,000)**

This allocation will enable the Cambridge Fire Department and Boston Police Department to begin procuring portable radios that meet minimum technical standards for interoperability. This investment begins the process of filling remaining interoperability gaps from previous rounds of portable unit procurement. It is estimated that approximately 1300 Boston Police Department and 387 Cambridge Fire Department portables need replacement. The Communications Interoperability Subcommittee (CIS) agreed that officials from Boston, Cambridge, and MOEP will convene to develop a formula to determine specific replacement quantities for each agency. This is expected to be the first of three phases towards this investment.

The subscriber units for Boston and Cambridge will replace significantly outdated equipment, not units purchased with homeland security funds. Those two agencies had elected to defer replacement until FFY08 funding cycle, so that other jurisdictions with more urgent needs could be addressed in earlier rounds, due to limited funds each year, which is why replacement is ongoing in multiple phases. To date MOEP has procured the following amounts of subscriber equipment:

- Boston Fire/Police/ EMS: 1733
- Brookline PD/FD: 247
- Cambridge PD/FD: 6
- Chelsea PD/FD: 165
- Everett PD/FD: 133
- Quincy PD/FD: 428
- Revere PD/FD: 154
- Somerville PD/FD: 244
- Winthrop PD/FD: 82

- **Console (\$75,000)**

This allocation provides partial funding towards the replacement of console equipment (not furniture or space upgrades) for the Winthrop Police Department. Given the urgent need for console replacement to sustain interoperability, the CIS agreed that funding should be set aside to defray part of the console replacement cost as it relates to interoperability for the region-wide shared channel plan. The present console is not operable, lacks availability of replacement parts, and cannot be expanded to fulfill the needs of the regions new interoperability channel plan. The major funding as it applies to operability will be borne by the Town of Winthrop. It is estimated that the total cost of a two position model console is \$150,000. Thus the Town of Winthrop will use their funding from the Commonwealth's 911 Grant to cover \$75,000 and the remaining \$75,000 will be supported by the UASI grant.

- **EMS Interoperability (\$150,000)**

This project continues enhancements to interoperability between private EMS agencies and Boston EMS as well as the MBHSR Fire and Police Departments. This investment increases ambulance coordination and response across the Boston UASI region. The FFY08 funds will be used to supplement the \$100,000 in FFY07 funding to procure transmit/receive equipment for the EMS mutual aid system (BAMA). This will allow the expansion of a current BAMA channel (better coverage and more reliability) and construction of an additional channel. The result will be a distinct Dispatch and Operations channel for EMS mutual aid region wide.

- **Boston Fire/ Metro Fire Build out (\$700,000)**

This project continues funding to provide crucial communications sustainability for the entire region, as all agencies in the MBHSR depend on Boston Fire and Metro Fire. The Metro Fire system covers the MBHSR communities as well as our adjacent communities. This funding will procure infrastructure (transmit/receive equipment, repeaters) to build new channels in accordance with the Shared Regional Channel Plan. This gives Metro Fire the ability to operate dedicated channels for distinct regions and reduces the likelihood that channels become overcrowded in a mutual aid response. It also provides redundancy for continued operations if major networks become disabled.

- **PSnet Build Out (\$700,000)**

These funds provide funding to support continued investment in infrastructure planning and build out of the regions public safety internet and flexible network, as determined by the PSnet Executive Committee. The end result will provide a highly resilient networking capability within the region for sharing data, video, and related networking services. This project will also have a wide multi-regional benefit outside the UASI footprint by enabling PSNet, if down, to connect via microwave link to ensure the functioning of PSnet. Specific deliverables for Phase 4 are:

- Survivable internet services that will allow communities that are increasingly reliant on the Internet to continue to use basic Internet services (e.g., email, web), even during major disruptions impacting communication infrastructure.

- Alternative communications options for existing radio voice trunk circuits that will be more reliable and survivable than traditional telco services, while reducing recurring costs.
- Regional VoIP services that interconnect municipal and other regional, community-owned fiber and microwave networks across jurisdictional boundaries.
- Incorporation of non-municipal public safety organizations into PSnet, including academic institutions, hospitals, transportation, and non-governmental organizations.

- **Training (\$100,000)**

Training funds are to be used to provide equipment training to first responders, dispatchers, and command staff on subscriber equipment. As the region has been acquiring new communications equipment and channels, the need for training users in how best to deploy and maximize these assets has emerged. The region plans to run a series of training workshops for these three audiences covering basic use of the equipment, channel plan, and how best to utilize these assets.

## **Investment II: Critical Infrastructure/Site Protection Project - \$2,000,000**

This investment promotes the enhancement of the MBHSR's explosive detection and disposal resources as well as the Critical Infrastructure Monitoring System (CIMS) infrastructure to support regional evacuation and security of critical assets in the MBHSR. Projects have been tailored to strengthen improvised explosive device (IED) attack deterrence, prevention, and protection capabilities. This supports DHS' focus on IEDs and strengthening preparedness planning. The MBHSR will work to plan for, purchase, train on, and exercise with equipment that reinforces a regional strategy to build upon and maintain its critical infrastructure protection (CIP) target capability.

Projected costs associated with this Investment will include procurement of explosive detection and prevention equipment for the Region's bomb squads. Specific outcomes include:

- **CIMS Integration Software (\$300,000)**

This funding will support the procurement costs of a software package to incorporate existing private sector cameras in key locations throughout the Region into the common operating picture of the current surveillance system. This is a potential public-private partnership that would offer significant cost savings in comparison to purchasing and deploying additional cameras.

- **Boston and Cambridge Police Bomb Squad/Quincy Marine Unit (\$1,700,000)**

The Boston Police Department Bomb Squad has become a significant law enforcement unit responsible for responding to, identifying, defusing, removing, and otherwise stabilizing potential explosive devices, including improvised explosive devices (IED) throughout the MBHSR. The Cambridge Police Department works closely with the Boston Police Department to handle, transport, and render safe explosives in the MBHSR. Additionally, the Quincy Marine Unit is attempting to improve their ability to provide marine support to the MBHSR. The procurement of the following equipment supports their ability to strengthen these capabilities:

- **Bomb Command Vehicle (BCV) – Boston Bomb Squad:** Rapid response vehicle for transportation and operation command. This Bomb Command Vehicle is to be categorized as a Mobile Command Vehicle as identified in the AEL and would be used at the scene of an incident in support of a bomb response unit. This vehicle supports the critical tasks of responding to notification of a potential exploding device and providing management as well as coordination of explosive device response operations. All of these functions support the CBRNE detection and the Explosive Device Response Operations capability for the MBHSR. The Boston Police Department's Bomb Squad would own, house, maintain and deploy the Bomb Command Vehicle in the Region. At this time there is no other BCV of this type in the Region.
- **CBRNE Tactical Vehicle – Boston Bomb Squad:** This CBRNE Vehicle is to be categorized as a specialized CBRNE Mission Vehicle as identified in the

AEL to be used at the scene of an incident in support of a bomb response unit. This vehicle supports the critical tasks of conducting CBRNE detection operations in MBHSR communities, identifying and/or characterizing CBRNE material, and providing CBRNE detection and warning information to appropriate entities and authorities. All of the functions support the CBRNE detection capability for the MBHSR. The Boston Police Department will pay all licensing and registration fees. The Bomb Squad would own, house, maintain and deploy the CBRNE Tactical Vehicle in the Region.

There is one similar tactical vehicle from the same vendor used for SWAT operations. However, the proposed vehicle would be used for Bomb Squad operations and would be specially equipped and armored with an air detection system, SCBA, blast resistant armor, in addition to other specialized features. The current vehicle within the region does not have the necessary capabilities and is in regular use exclusively for SWAT operations.

- **2 Bomb Response Vehicles – Boston Bomb Squad/Cambridge Bomb Squad:** Rapid Response vehicle that will transport both equipment (robots, PPE, etc.) and personnel to the incident. The Boston Police Department and the Cambridge Police Dept. will pay all licensing and registration fees. The Bomb Squads would own, house, maintain and deploy the Bomb Response Vehicle in the Region. There are no other vehicles of this type and for this purpose currently in the Region.
- **Special Transport Unit, Gator – Cambridge Bomb Squad:** This ATV will be used to transport fully suited bomb technicians, robot, and other equipment to the scene of an incident. The Cambridge Police Department will pay for all licensing and registration fees. The Bomb Squad would own, house, maintain and deploy the Bomb Response Vehicle in the Region. There is no other vehicle of this type and for this purpose currently in the Region.
- **Robots/Robot Accessories – Boston and Cambridge Bomb Squads:** Explosive Ordnance Disposal (EOD) robots and accessories to include fiber optic upgrades and raft tool systems.
- **Personal Protective Equipment/Bomb Suits – Boston and Cambridge Bomb Squads:** Protective suits to shield bomb technicians from bomb blast.
- **Visor Upgrade Kits – Boston Bomb Squad:** Shielded Power System (SPS) to upgrade current power supply systems.
- **Various Digital X-Ray Imaging – Boston and Cambridge Bomb Squads:** C Arm Video, Logos, and digital X-ray technology currently used as industry standard.

- **Thermal Imaging Monocular – Boston Bomb Squad:** Enables operator to detect people and objects through heat signature.
- **LVIED Counter Measures Delivery System – Boston Bomb Squad:** Designed to rapidly deploy exit charges safely from a distance in a wide range of possible IED scenarios.
- **Under Door Camera – Boston Bomb Squad:** Provides clear, covert views of a space before the entryway into the space is opened.
- **EOD Canine Storage/Training Aids – Boston Bomb Squad:** This project supports the continued investment in the EOD canine functionality by securing explosive storage containers and additional training equipment. This funding will ensure that the K-9 units procured with UASI 07 funding continue to go through recertification and training.
- **Improvements to Training Site – Region-wide:** Conduct physical rehabilitation of an aged building to be used for EOD canine and other IED-related training. This would allow for year-round EOD training to enhance CBRNE detection and response capabilities.

The current training site that Boston PD uses to train the K-9s has a 50 year old garage. Boston PD would like to use a portion of the funding to target harden the building to enable training to occur both inside this facility and outside on the training/agility course. This would include access control on the entrance of the garage, repairs to the roof, plumbing enhancements and purchase of tables and chairs to facilitate a classroom setting.

- **Explosive Magazines – Boston and Cambridge Bomb Squads:** Specially-designed storage space for explosives and detonators.
- **Mitigation Tools – Boston and Cambridge Bomb Squads :** Equipment used to lessen the extent of damage from explosives.
- **Hook & Line Kits – Cambridge Bomb Squad:** Portable tool kit to aid EOD squads in safely searching vehicles and building.
- **Side Scanning Sonar Unit – Quincy Marine Unit:** Underwater imaging system that uses sound to provide a visual representation without placing bomb technicians in danger; primarily used for inspecting various vessels in the vicinity of critical infrastructure. The Quincy Police Department's Marine Unit would own, house, maintain and deploy this sonar unit in the Region.



### **Investment III: Intelligence and Information Sharing - \$1,450,000**

This investment continues the development and enhancement of the Metro Boston Regional Intelligence Center (BRIC) housed within the Boston Police Department. This regional fusion center is strengthening its infrastructure for intelligence sharing on WMD threats and terrorism. The BRIC will ensure that systems and processes are in place for intelligence collection, information sharing, and communication flow across jurisdictions and disciplines of the MBHSR.

The projected costs associated with enhancing the BRIC's capabilities will include contractual analyst support, operational capability enhancements, infrastructure and equipment improvement, planning, and any overtime/backfill costs associated with participation in trainings and exercises. Specific outcomes will include:

- **Creation of A Real Time Crime Center Capability 24/7 (\$42,300)**

Provides funding to develop a center, modeled after New York City's Real Time Crime Center for all city agencies and MBHSR jurisdictions to call in and receive information regarding real time events concerning all-hazards. The primary purpose is to give field officers and detectives instant and comprehensive information to help identify patterns and stop emerging crime. The Real Time Crime Center will be located within the Boston Police Department and funding will be used to support procurement of networking hardware (i.e. routers, servers, and workstations) and software for monitoring network performance.

- **ICE Systems Integration (\$21,150)**

Funding will support the integration of the Immigration and Customs Enforcement (ICE) data systems allowing the BRIC direct access to data regarding international visitors.

- **Sensitive Compartmented Information Facility (SCIF) – (\$84,600)**

As a fusion center, the BRIC is responsible for facilitating the sharing of homeland security-related and crime-related information and intelligence to the region, state and federal partners. The role of a fusion center and the processes it carries out supports the implementation of risk-based, information-driven prevention, response, and consequence management programs. It is also meant to support efforts to address immediate or emerging threat-related circumstances and events. Certain information needed to accomplish these core missions is classified. Without access to this information, all threats, vulnerabilities, and consequences to the UASI region cannot be adequately assessed.

A SCIF is an accredited area, room, group of rooms, etc., where Sensitive Compartmented Information may be stored, used, discussed, and processed. Funding will be used to enhance the physical security of an area within the BRIC to meet accreditation standards for a SCIF. Currently there is a construction waiver with DHS seeking approval to construct/renovate a closet in the BRIC into a SCIF. If the waiver

is approved this funding added with UASI 07 funds will be used to complete the construction/renovation of the room.

- **Regional Suspicious Activity Reporting (SAR) Capability (\$42,300)**

The BRIC is one of nine metropolitan cities and three states that are participating in a DHS pilot program to test and regionalize SAR capabilities. This funding will support continued enhancements to the current Suspicious Activity Reporting (SAR) capability. Funding will be needed to procure computer servers to store the information and funding may be needed to create a public awareness campaign so citizens are aware of how to report suspicious activities. It is still unclear what components are part of the pilot program.

- **Equipment (\$130,280)**

This funding supports procurement of the necessary computer upgrades, and equipment purchases to ensure regional intelligence sharing and dissemination.

- **Biometrics (\$21,150)**

Utilize biometric software to support counter-terrorism law enforcement investigations.

- **Exercises (\$42,300)**

Provides funding to support backfill and overtime costs associated with exercises designed to improve regional intelligence capabilities.

- **Training (\$50,750)**

Provides funding to support backfill and overtime costs associated with various trainings designed to improve the skills of the BRIC analysts.

- **BRIC Contract Employees (\$1,015,170)**

Funding will support the contractual costs associated with hiring full time analyst capability for the Boston Regional Intelligence Center. The funding would provide analytical support for 5 Homeland Security Intelligence Analysts and 2 GIS Analysts to enhance the intelligence and information sharing as well as the intelligence analysis and production capabilities of the BRIC in support of the MBHSR.

#### **Investment IV: Regional Integrated Training and Exercise Program - \$1,094,296**

This investment will continue to support the implementation of an integrated training and exercise program within the MBHSR in order to maintain the availability of a high quality, comprehensive preparedness program across the Region.

Through creating a multi-year training and exercise plan for the Region, additional trainings will be identified to roll out to the Region (after being submitted for approval at a later date), in addition to the continued availability of the DelValle Institute's course offerings in Weapons of Mass Destruction (WMD)/Hazmat Protection and Decontamination refresher course.

Costs associated with this investment will include funds to pay for a contractor to create the multi-year plan and the exercises, overtime for instructors and students, supplies, training equipment and other allowable training costs. Specific outcomes will include:

- **Training & Exercise Multi-Year Plan (\$219,296)**

This subcommittee will develop a Multi-Year Training and Exercise Plan for the MBHSR as the Region does not currently have one. The plan will be developed through the review and multi-disciplinary analysis of existing after action reports, outreach to other investment areas, and conducting of an HSEEP-compliant Training and Exercise Plan Workshop. Though the plan is mandatory to complete, the subcommittee will enhance the planning by developing a web-based tool, similar to Sharepoint™, for a secure portal to track the region's training and exercise schedule, after action reports/improvement plans, lessons learned, and share and comment on other information such as meeting notes, planning documents, etc. so all regional partners can view and learn. This tool will enhance information sharing, regional collaboration, and will afford the region a glimpse of gaps that are identified within other disciplines and jurisdictions to enhance their learning and guide training needs.

A consultant will be hired to convene the stakeholders and develop the Multi-Year Plan. Concurrently, a contractor will be hired to create the web-based tool. This tool will greatly differ from the National Exercise Schedule (NEXS). The MBHSR tool will be the first forum for all first responders to not only share training and exercise affiliated items, but it will be a place to share and comment on plans- both local and regional, among other documents (as listed above). The impetus for such a tool under Training and Exercising is that plans – CEMP, COOP, COG, Interop, etc. - are trained and exercised on. By having a portal to share and comment upon plans, trainings, exercises, collaborate virtually, and to disseminate information on a regional basis, the MBHSR will increase cross jurisdictional and cross disciplinary coordination, enhance its ability to prepare for and respond to a threat.

- **Regional Training (\$588,000)**

Over the past four years the region was provided with WMD courses for various disciplines. With the FFY08 funding, the subcommittee proposes that WMD training continue, with a focus on training for disciplines that have not yet participated (e.g., public works). The subcommittee will also explore different options available for

some of the trainings, including FEMA training for the executive management level, and focus on a “train-the-trainer” model. Additionally, the subcommittee will look to the multi-year plan to determine what other trainings will be needed for the region while keeping with the high standards and quality of training already received.

- **Regional Exercises (\$187,000)**

In accordance with the Multi-Year Training and Exercise Plan, the Subcommittee will offer a series of tabletop and functional exercises (TTX/FE). These exercises will be small-scale and focused to ensure participants realize the greatest benefit. Through a review process the subcommittee will determine what amount of funding to provide, what level of support the proposer will provide, and how the exercise will increase preparedness, response, or recovery within the region, along with other criteria to be determined.

- **Overtime for Trainings and Exercises (\$100,000)**

Overtime for personnel to attend approved trainings and HSEEP compliant exercises.

## **Investment V: Regional Evacuation, Mass Care and Shelter - \$1,011,400**

This investment will focus on shelter operations training of regional personnel and the procurement of equipment to support evacuation, mass care and sheltering activities detailed within the City of Boston's evacuation plan. Such initiatives will continue to expand the City of Boston's activities to the eight jurisdictions of the MBHSR to enhance evacuation routes, regional public notification, evacuation of special populations, expanded regional mass care capacity, enhanced mass care sites, mass care capabilities for non-evacuation situations, and the capability for registration and tracking of evacuees and mass care recipients. Specific outcomes will include:

- **Regional Planners (\$400,000)**

Funds for this project will hire Regional Planners to assist the Region in creating and maintaining continuity of operations and continuity of government plans, emergency planning activities, as well as other projects to be determined.

- **Shelter Operations Training (\$20,000)**

By enhancing Training expenses will support expanded shelter operations/management training provided by the Red Cross or area CERT teams.

- **Emergency Management Shelter Tracking System (\$50,000)**

The Emergency Management Shelter Tracking System will be used to enhance sheltering capabilities associated with patient tracking and inventory control. The MBHSR intends to leverage the Boston EMS patient tracking system which is deployed and field tested at events such as the Boston Marathon, Boston Fourth of July, as well as a number of exercises. The emergency patient tracking system is a bar code based tracking system that allows for patient information to be rapidly captured in the field or at reception centers and be available on a web interface. Incident management and patient accountability have both been enhanced through utilizing this system during a mass casualty event. Not only will this system improve patient care capabilities, it also allows for locating individuals and reuniting family members.

- **Shelter Trailer Enhancements (\$40,000)**

The shelter trailer enhancements are additional equipment for each of the trailers which were funded with UASI 07 grant funds. Items include small portable generators, FRS radios for in shelter communications amongst staff, extension cords, and other supplies to support shelter operation and management.

- **Variable Message Boards (\$125,000)**

The signs will be used in evacuations to enhance signage to direct people out of the city and can also be used to direct people to shelters.

- **Portable Light Towers (\$60,000)**

These will be strategically based across the region to support shelter operations.

- **Generators (\$120,000)**

Two 85Kw generators will be procured to be used when needed for backup at shelters.

- **Prime Movers (\$120,000)**

Two vehicles will be procured to serve as specialized Emergency Management Vehicles for regional use that would, during an incident, tow shelter-ready trailers, portable electronic message boards, or portable light towers. Given that the aforementioned equipment was part of the UASI 07 purchases and some will be purchased to augment regional assets with the UASI 08 funds, it is necessary to have additional vehicles to transport the resources. The equipment, coupled with the vehicles will enhance the regions' ability to respond to and recover from incidents that require sheltering or evacuating. The prime movers would be registered and maintained by the Mayor's Office of Emergency Preparedness-Emergency Management Division and deployed operationally from the Boston Emergency Operations Center. There are no similar vehicles in the Region.

- **Evacuation Planning and Communication (\$39,500)**

Phase I of planning to develop a high tech means to conduct outreach to private and public constituents. This will begin to enable the region to alert the constituents with special instructions when needed to shelter in place or evacuate.

- **Special Accommodations for Populations Needing Assistance for Shelter & Evacuation (\$36,900)**

This project is somewhat open ended with the final goal of registering all residents needing assistance in the event of an emergency. The subcommittee may decide that Phase I of this project is a needs assessment and focus groups that will enable a Phase II approach of creating a People with Special Needs Registry.

When the MBHSR decides on a clear direction for this project, they will reach out to the appropriate State stakeholder, including the Executive Office of Public Safety and Security. Additionally, the MBHSR will provide detailed information on the project as it becomes available.

## **Investment VI: CBRNE Tactical Rescue Team - \$600,000**

This is the second year of investment focusing on the development and enhancement of a regional CBRNE response, rescue and recovery team to be deployed throughout the MBHSR. The creation of a “light” regional capacity to respond with on duty personnel during the first critical hours of a structural collapse will improve the MBHSR’s response and recovery ability to treat and rescue survivors immediately.

The projected costs associated with the continued funding of a CBRNE Rescue Team include costs associated with the training of personnel and for supplies and equipment directly related to the team’s development. Specific outcomes will include:

- **Two (2) CBRNE Specialized Mission Vehicles (\$300,000)**

Funds for the procurement of two (2) CBRNE specialized mission vehicles. These vehicles will serve as regional assets for the deployment of CBRNE rescue teams and associated CBRNE equipment to an incident site. In addition, these vehicles will provide backup communications capabilities to CBRNE teams. These specialized vehicles within the Boston UASI region will be pooled by member communities for shared use. The City of Boston will take ownership of one vehicle and pay the licensing and registration fees. The subcommittee is still in talks as to who will take ownership of the other vehicle and pay to maintain. At this time the Region does not have a similar vehicle to perform this mission.

- **Personal Protective Equipment (\$175,000)**

These funds are to be used for the purchase or replacement of personal protective equipment associated with the CBRNE Rescue Teams in compliance with the Commonwealth of Massachusetts PPE Strategy. Personal Protective Equipment has a finite shelf life and these funds are designated to purchase and/or replace such equipment in order to sustain the team for the first seventy-two hours of an event.

- **Training (\$100,000)**

To provide funding to support various specialized trainings required to bring the regional personnel assigned to CBRNE rescue teams to a base line FEMA mandated standard.

- **Equipment (\$25,000)**

To provide funds for the procurement of various pieces of specialized equipment to support the regional CBRNE tactical rescue teams. This equipment will both supplement and enhance existing cached equipment and replace, as needed, worn equipment used in regional trainings.

**Investment VII: Medical Surge, Mass Prophylaxis, and Pandemic Flu Preparedness - \$356,700**

This investment will focus on long term planning for medical surge and mass prophylaxis for the Region. Both plans will build upon existing and applicable Commonwealth of Massachusetts plans, as well as examining best practices across the nation, and will identify the Region's assets as well as gaps. This investment subcommittee continues to work closely with the Boston MMRS to enhance medical surge capabilities and has members of the Boston MMRS as members of this subcommittee to ensure project coordination.

Projected costs associated with this investment will include contractual support for planning, supplies, and equipment directly related to assessment, which will result in identification of needed equipment. Exercises, another expense, will examine the efficacy of the finished plans. Specific outcomes will include:

- **Healthcare Medical Surge Planning (\$114,850)**

With the FFY07 funding, this subcommittee began a multi-year planning effort for enhancing medical surge planning to be completed in phases, due to limited funding. To build off of the Comprehensive Asset Assessment of Phase I, the subcommittee proposes to continue the medical surge planning to feed into a long term comprehensive strategic medical surge plan and asset identification that will align with the state's surge and resource management plans. The Healthcare entities that are evaluated in Phase I and will continue into Phase II are: Public Health, EMS, Community Health Centers, Hospitals, and Long-Term Care.

The chosen consultant will identify the qualifications, equipment, and space that will directly feed into the resource database and credentialing system. This will begin soon after the first Phase is completed from the FFY07 funding and will most likely be a one year contract. The entire regional will benefit from this. Not only will the health care entities be tracked for surge purposes, but it will be a big first step in capturing Regional assets.

- **Mass Prophylaxis Planning (\$114,850)**

This project will primarily focus on developing a model for the "closed POD" concept as a method to augment the standard mechanism of dispensing through public pods. By working in conjunction with large private institutions and creating a system of closed pods, mass prophylaxis can reduce the demand of public POD sites.

Following a catastrophic health event, the ability to dispense medical countermeasures to affected populations quickly and efficiently is crucial. Local authorities are working diligently to build the capacity to dispense antibiotics to identified populations within 48 hours. Traditional methods to achieve this timeframe include developing plans that encourage the public to go to common areas within the community (schools, gyms, community centers, etc.), most often referred to as points of dispensing (PODs), to receive medications. However, this is not the only planning scenario being considered.



The use of closed PODs is an alternate method of dispensing that helps to redirect some of the population away from traditional POD sites. A closed POD is primarily used to respond to a specific group or organization. This plan is ideal for large corporations and educational institutions because their employees, and in some cases their families, can receive medications on-site. This allows for a more rapid dispensing scenario and helps to ensure continuity of operations.

This concept is in use in a number of communities throughout the nation and is also being pushed out in the federal sector through their Federal Executive Boards. This initiative is designed to decompress the patient load burden that would be placed on traditional POD sites within a community.

- **Healthcare Medical Surge HSEEP Program (\$110,000)**

Building upon the planning activities in UASI 07 and UASI 08, the Medical Surge Investment subcommittee wants to test their new medical surge plans. In order to test the medical surge plans' gaps, processes of integration, and triggers, it is necessary to develop a range of workshops and tabletop exercises, which are HSEEP compliant for the region to participate in.

- **Healthcare Surge Equipment (\$17,000)**

An asset and gap analysis will be completed with UASI 07 funding and the subcommittee is recommending that an amount of funding be reserved to purchase some items that may be identified as crucial to medical surge operations. Additionally this funding will be used to address any equipment gaps identified during the exercise. Equipment may include ventilators, masks, cots, among many other items that would assist in a surge and MOEP would ensure that all equipment is listed on the AEL prior to procurement.

## **Investment VIII: UASI Program Management \$1,389,404**

This investment will focus on the program and financial management of the UASI grant program. Also included in this section is the funding set aside to cover BF/OT in the event of threat level increase.

- **DHS Declared Periods of Code Orange or Code Red Threat Levels \$588,600**

In the event of a Code Orange or Code Red Alert, MOEP has set aside funding to be made available to cover operational overtime costs. MOEP will reimburse the overtime of public safety officials to provide increased security measures at critical infrastructure sites throughout the Region in compliance with DHS's guidelines.

- **Regional Planners \$470,000**

The purpose of this funding allotment is to maintain the personnel costs of regional planners of whom are responsible for the planning, implementing, coordinating and managing of Department of Homeland Security grant funded projects/investments within the Metro Boston Homeland Security Region (MBHSR) in order to promote and support the MBHSR cross-jurisdiction/cross discipline homeland security strategy. Specifically, MOEP will apply funds to support the following:

- Planning costs related to the enhancement of regional agency cooperation;
- Travel costs to support staff for participation in all applicable federal, state and local meetings, conferences, and seminars;
- Other costs associated with these objectives, as authorized by the Department of Homeland Security and the Executive Office of Public Safety and Security.

- **MOEP Management & Administrative Costs \$330,804**

The purpose of this funding allotment is to maintain and enhance the MBHSR's administrative and operational Homeland Security infrastructure. MOEP continues to serve as the conduit for all homeland security initiatives for the MBHSR, as well as the fiduciary for the Region's homeland security grant programming. During the FFY2008 project period, and beyond, MOEP staff will continue its commitment to the oversight, administration and management of these needs, as well as serve as the point of contact for local, state, and federal agencies relating to rules/regulations, coordination of homeland security planning, consistent policy guidance, and general needs identified by the MBHSR. Specifically, MOEP will apply funds to support the following:

- Staffing continuity, including Director, Assistant Director, Administration & Finance Manager, Staff Assistant, and Senior Program Assistant and other staff deemed necessary for the MBHSR to maintain proper administrative oversight;
- Costs associated with policy guidance and grant administration;
- Travel costs to support staff for participation in all applicable federal, state and local meetings, conferences, and seminars;
- Office administration supplies; and,
- Other costs associated with these objectives, as authorized by the Department of Homeland Security and the Executive Office of Public Safety and Security.

## Final Budget

Investment	Award Amount	25% Strengthening Preparedness Planning/ IED Planning	25% LETPP
<b>Communications Interoperability:</b>	\$ 3,125,000.00		
<b>Intelligence and Information Sharing:</b>	\$ 1,450,000.00		\$ 1,450,000.00
<b>Regional CBRNE Tactical Rescue Team:</b>	\$ 600,000.00		
<b>Regional Homeland Security Integrated Training and Exercise Program:</b>	\$ 1,094,296.00		
<b>Critical Infrastructure/Site Protection Project:</b>	\$ 2,000,000.00	\$ 1,700,000.00	\$ 1,700,000.00
<b>Regional Evacuation, Mass Care &amp; Shelter:</b>	\$ 1,011,400.00	\$ 400,000.00	
<b>Medical Surge, Mass Prophylaxis, and Pandemic Flu Preparedness:</b>	\$ 356,700.00	\$ 339,700.00	
<b>Code Orange/Red:</b>	\$ 588,600.00		
<b>MOEP M&amp;A:</b>	\$ 330,804.00		
<b>Regional Planners:</b>	\$ 470,000.00	\$ 470,000.00	
<b>\$ 11,026,800.00</b>		<b>\$ 2,909,700.00</b>	<b>\$ 3,150,000.00</b>