



METRO BOSTON
**HOMELAND
SECURITY**

FFY2007
URBAN AREAS SECURITY INITIATIVE
GRANT PROGRAM

PROJECT DETAILS AND PROJECTED ACTIVITIES FOR FFY2007

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 FFY2006 UASI Strategy. As the MBHSR moves forward into the FFY2007 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 is moving towards an all hazards approach to improving regional preparedness focusing on prevention, preparedness, response and recovery.

Per the FFY2007 UASI guidelines, the Biannual Implementation Strategy Report (BSIR) will be used to amend, update, and report all activities the MBHSR will be engaged in moving forward. Further, the specifications concerning budgeted needs will also be reported within the BSIR.

The following seven Investments represent the projected FFY2007 UASI regional initiatives throughout the MBHSR:

Investment I: Communications Interoperability - \$4,135,000

The purpose of this investment is to continue implementation of the MBHSR communications interoperability strategic plan. Additionally, 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 contractual support, 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:

- **MBHSR Multi-band Channels (\$190,000)**
Provides two dedicated interoperable channels for all MBHSR users, EOCs, and dispatch centers to increase flexibility and interoperability. Enhances facilitation of communications with users, such as federal agencies and state police, who have limited interoperability with local jurisdictions.
- **BAMA/regional EMS Buildout (\$100,000)**
Provides two simplex channels for BAMA/regional EMS. Enhances interoperability between private EMS agencies and the MBHSR Fire and Police Departments and Boston EMS; increases ambulance coordination and response across the region.
- **Cambridge Interoperability Infrastructure (\$94,000)**
Enhances interoperability between Cambridge FD and PD 800MHz systems with UHF systems. Provides two repeated channels for Cambridge FD 16 and Cambridge PD 14.
- **BAPER N Buildout (\$47,000)**
Provides one repeater channel for BAPER N Central District, to enhance coverage on BAPER N and allow law enforcement responders to use BAPER N for incidents in the MBHSR without tying up the broader BAPER N network.
- **MetroFire Buildout (\$204,000)**
Allows regional responders to assign a channel for an incident in the region without tying up the full network. Provides six repeater channels and three simplex channels for MetroFire ground.
- **Round 2 Boston PD/Cambridge PD Subscriber Equipment (\$1,600,000)**
This allocation would enable Boston PD to reach the minimum Round 2 thresholds previously determined by the Communications Interoperability Subcommittee (CIS). Due to timing of new vehicles to Boston PD, procuring Round 2 subscriber equipment was delayed.
- **Satellite Phone Procurement (\$50,000)**

Provides funding to complete the procurement of satellite phones for all MBHSR jurisdictions.

- **Continued PSnet Buildout (\$300,000)**

Provides funding to support continued investment in infrastructure planning and buildout, as determined by the multi-jurisdiction and multi-agency PSnet Executive Committee.

- **Tactical Repeaters (\$75,000)**

Provides ten tactical repeaters for use throughout the MBHSR to provide interim communications support in the MBTA or interstate tunnels. Tactical repeaters will be distributed throughout the MBHSR.

- **Emergency Responders Communications Enhancements in MBTA Tunnels (\$1,000,000)**

Through a joint funding and project management arrangement with MBTA, the Massachusetts Executive Office of Public Safety (EOPS) and the MBHSR have allocated funding to build out enhanced communications interoperability capabilities.

- **Contractual Support (\$475,000)**

Provides funding to procure the assistance of a contractor to support the enhancement of interoperability throughout the MBHSR.

Investment II: Intelligence and Information Sharing - \$1,450,000

This investment continues the development of the Metro Boston Regional Intelligence Center (BRIC), providing a regional infrastructure for intelligence sharing on WMD threats and terrorism. The BRIC will ensure that systems 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 (software/hardware), 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 (\$50,000)**
Provides funding to design and develop a center for all city agencies and MBHSR jurisdictions to call in and receive information regarding real time events concerning terrorism.
- **Intelligence Liaison Officer Program (\$25,000)**
Provides funding to develop a program to expand the amount of trained personnel assigned to the Boston Regional Intelligence Center to act as regional jurisdictional liaisons.
- **Terrorism Awareness/Enhanced Partnership (\$25,000)**
Provides funding to expand non law enforcement first responder partnership within the BRIC to liaison between jurisdictional agencies.
- **GIS Enhancements (\$110,000)**
Provides funding for the purchasing of community specific GIS data to enhance mapping capabilities within the MBHSR.
- **ICS Software and Program Enhancements (\$75,000)**
Provides funding for the software enhancement and expansion of the BRIC's WebEOC to create a 24/7 regional monitoring capability.
- **Secret Room – Secured Communications (\$50,000)**
Provides funding to procure equipment to establish a secured environment in which sensitive information may be received and reviewed per federal guidelines.
- **Regional Suspicious Activity Reporting (SAR) Capability (\$90,000)**
Provides funding to modernize the current reporting capability in order to spread functionality to the remaining eight jurisdictions of the MBHSR.
- **Hardware (\$75,000)**
Provides funding to purchase computer upgrades.

- **Network Solution Enhancement and Servers (\$50,000)**

Provides funding to purchase additional high speed connections and routers to enhance speed of BRIC servers in order to improve functionality.

- **EOC Equipment (\$50,000)**

Provides funding to purchase monitors for the BRIC EOC as well as audio conference call equipment to enhance response and recovery capabilities.

- **Training & Exercises (\$50,000)**

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

- **BRIC Contact Employees (\$800,000)**

Provides funding to support the contractual costs associated with the full time analyst capability of the Boston Regional Intelligence Center.

Investment III: Regional CBRNE Tactical Rescue Team - \$1,400,000

This is a new investment of which will focus 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 creation of a CBRNE Rescue Team will include costs associated with the training of personnel and the costs for supplies and equipment directly related to the team’s development. Specific outcomes will include:

- **Equipment (\$850,000)**

Provides funding to support the procurement costs of various pieces of specialized equipment needed to support a CBRNE tactical rescue team as well as the storing pods to be used to store such equipment throughout the MBHSR.

- **Training (\$450,000)**

Provides funding to support the backfill/overtime costs associated with the various specialized trainings required to bring regional personnel assigned to such team to a base line FEMA mandated standard.

- **Creation of a Specialized Training Site (\$100,000)**

Provides funding to support the costs associated with the creation of a specialized training site for personnel to practice their tactical rescue training. The training site will replicate a collapsed concrete building.

Investment IV: Regional Evacuation, Mass Care and Shelter - \$611,400

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 expand the City of Boston's activities to the remaining 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.

Projected costs of this investment will include equipment and supply costs as well as overtime/backfill costs associated with trainings. Specific outcomes will include:

- **Variable Message Boards (\$193,500)**
Provides funding to procure nine portable message boards with remote communication capability. Variable message boards will be distributed throughout the MBHSR.
- **Shelter Trailers (\$300,000)**
Provides funding to procure twenty portable shelter equipment trailers to contain equipment needed to provide care for 200 people. Portable shelters will be distributed throughout the MBHSR.
- **Shelter Operations Training (\$20,000)**
Provides funding to support costs associated with the providing of American Red Cross Shelter Operations trainings to approximately 1,000 shelter operators and 400 shelter managers.
- **Equipment (\$11,500)**
Provides funding to procure shelter related equipment to provide care to displaced persons. Equipment will be stored within the shelter trailers noted above.
- **Portable Light Towers (\$86,400)**
Provides funding to procure nine portable light towers. Portable light towers will be distributed throughout the MBHSR.

Investment V: Medical Surge, Mass Prophylaxis, and Pandemic Flu Prep - \$437,500

This investment will focus on the design and implementation of plans for alternate medical sites to enhance the Region's medical surge capacity and for mass dispensing sites to aid in vaccination or mass prophylaxis efforts. Projected investment initiatives will build upon guidance included in the Commonwealth of Massachusetts' Influenza Pandemic Preparedness Plan (October 2006), and address all aspects of preparing for an outbreak of pandemic influenza including communication strategies, volunteer recruitment, and business continuity planning across both government and the private sectors.

Projected costs associated with this investment will include contractual support for planning, supplies and equipment directly related to the development of alternate medical sites, the creation of a pandemic response/Influenza Specialty Care Unit conference (ISCU), and backfill/overtime and exercise logistical costs associated with an ISCU exercise program. Specific outcomes will include:

- **ISCU equipment and supplies (\$210,000)**
Provides funding to award each of the fourteen hospitals within the MBHSR allocations of \$15,000 to purchase equipment and supplies to support an Influenza Specialty Care Unit.
- **Pandemic Influenza Planning (\$97,500)**
Provides funding to support the costs associated with the hiring of an outside vendor to perform comprehensive reviews, gap analyses, and improvement roadmaps for each city/town's Pandemic Influenza Response Plan within the MBHSR.
- **ISCU Exercise (\$60,000)**
Provides funding to support the backfill and overtime costs related to public safety and other municipal planning partners' participation in ISCU – related planning and exercises throughout the MBHSR.
- **ISCU Exercise Logistics (\$40,000)**
Provides funding to support logistics related to the hosting of such ISCU exercises.
- **Lessons Learned in ISCU Management Conference (\$30,000)**
Provides funding to support an overall lessons learned conference for all planning partners, to be held by the DelValle Institute for Emergency Preparedness at the conclusion of all ISCU exercises.

Investment VI: Regional Integrated Training and Exercise Program - \$1,125,000

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.

In order to ensure the continued availability of the DelValle Institute's course offerings in Weapons of Mass Destruction (WMD)/Hazmat Protection and Decontamination for Health Care Workers, WMD/Hazmat Protection and Decontamination for Law Enforcement, WMD/Hazardous Materials Response Operations and Advanced WMD/Hazardous Materials Technician (as well as additional new courses to be submitted for approval at a later date) projected costs associated with this investment will include, backfill and overtime for instructors and students, supplies, training equipment and other allowable training costs. Specific outcomes will include:

- **Metro Boston Regional Response Trainings (\$688,000)**

Provides funding to support delivery and continuous improvement of all courses, including: maintenance and replacement of equipment utilized in training; purchase and reproduction of student materials and training supplies course promotion; registration and tracking systems; instructor overtime/backfill; and food for selected training session longer than five hours.

- **Metro Boston Regional Exercise Series (\$187,000)**

Provides funding to support backfill and overtime costs associated with the development of various regional exercise series as well as logistical costs associated with the development.

- **Attendee Backfill/Overtime (\$250,000)**

Provides funding to support regional jurisdictional backfill and overtime costs associated with aforementioned training and exercises to be conducted throughout the MBHSR.

Investment VII: Critical Infrastructure/Site Protection Project - \$901,600

This investment promotes the augmentation of the MBHSR's current explosive detection and disposal resources to enhance regional security of critical infrastructure located within the MBHSR as required under the National Priority "Implement the Interim NIPP." Therefore, in order to deter and respond to acts of terrorism involving explosives, the MBHSR will work to procure additional explosive detection K-9 units and electronic explosive detectors to create a more aggressive and unified regional approach.

Projected costs associated with this Investment will include procurement of explosive detection K9 units and electronic explosive detectors as well as their supporting equipment. Specific outcomes include:

- **K9 Explosive Detection Units (\$754,600)**

Provides funding to support the procurement costs of fourteen K9 units and their associated equipment to be distributed throughout six UASI jurisdictions (Boston, Cambridge, Everett, Quincy, Revere and Winthrop).

- **Explosive Detection Units (\$147,000)**

Provides funding to support the procurement costs of three explosive detection units to be distributed throughout three UASI jurisdictions (Brookline, Chelsea and Somerville).

Code Yellow/Code Orange Alert - \$716,460

In the event of a Code Yellow or Code Orange 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. Examples of previous yellow/orange alerts MOEP provided reimbursement for is the July 4th Celebrations, the Boston Marathon, and the Transit Code Orange Alert after the London transit bombings. MOEP will continue to use UASI funding to provide increased security throughout the region during elevated threat levels.

MOEP Regional Planners - \$250,000

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.

MOEP Administration - \$341,040

The purpose of this funding allotment is to maintain and enhance the MBHSR's administrative and operational Homeland Security infrastructure. Since the Mayor's Office of Emergency Preparedness' establishment in April of 2004, 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 FFY2006 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, Finance Managers, 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.

Final Amounts:

Investments	
Communications Interoperability	\$4,135,000.00
Intelligence & Info Sharing	\$1,450,000.00
CBRNE Rescue Team	\$1,400,000.00
Evacuation, Mass Care & Shelter	\$611,400.00
Medical Surge, Mass Prophylaxis & Pandemic Flu Preparedness	\$437,500
Homeland Security Training & Exercises	\$1,125,000.00
Critical Infrastructure/Site Protection	\$901,600.00
Yellow and Orange Alert	\$716,460.00
Regional Planners	\$250,000.00
MOEP M&A	\$341,040.00
Total Amount:	\$11,368,000.00