Federal Emergency Management Agency
U.S. Department of Homeland Security

FY 2020 HSGP Investment Justification

MA - Boston Urban Area

Portfolio Information

I.A – Portfolio – Overall Investment Justification

Describe how this portfolio of investments and projects addresses gaps and/or sustainment in the Threat and Hazard Identification Risk Assessment (THIRA)/Stakeholder Preparedness Review (SPR).

The Metro Boston Homeland Security Region (MBHSR) utilizes an all-hazards approach to achieve our mission to build an sustain region-wide enhanced capabilities in order to reduce the loss of life and property and protect the MBHSR from natural disasters, acts of terrorism, and other manmade disasters. The MBHSR's approach to homeland security and emergency management is inherently multi-disciplinary and multi-jurisdictional. Our stakeholders constantly analyze the juxtaposition of relatively static conditions such as demographics, critical infrastructure, and topography with highly dynamic conditions such as domestic and international threats, notice incidents, and severe weather conditions and the impact to the whole community. To aid in this process the MBHSR utilizes its 2014-2019 Homeland Security Strategy, which provides a framework to plan and prioritize homeland security efforts across the Region. To align our Strategy with the National Preparedness Goal, our objectives directly correlate to the core capabilities. These objectives are evaluated annually, by subject matter experts, through the MBHSR¿s THIRA and the Commonwealth¿s SPR process. Additionally, our 2020 investment areas closely align to our overarching Strategy goals. Because of these correlations the MBHSR is able to make informed funding decisions that specifically support closing capability gaps and sustaining capabilities identified in the THIRA/SPR process and national priorities as outlined in the National Preparedness Report. These investments enhance the MBHSR¿s abilities to prevent, prepare for, protect against and respond to acts of terrorism.

Portfolio Information

I.B - Identify the amount and percentages of funding that will be dedicated to Management and Administration expenditures.

Program	Requested Amount	M&A Amount	M&A Percentage	Subtotal (Requested Amount + M&A)
UASI	$16,224,000	$676,000	4%	$16,900,000

Investment #1

II.A Investment Name: Strengthen the Community's Safety & Security

II.B Investment Type: Standard Investment

I. Overview - Investment # 1

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$910,000.00

II.D - How much of this Investment will be obligated towards Law Enforcement Terrorism Prevention Activities (LETPA): $695,000.00

II.E - Describe the investment, specifically how it addresses gaps and/or sustainment in the Threat and Hazard Identification Risk Assessment (THIRA)/Stakeholder Preparedness Review (SPR):

This investment area focuses on securing the MBHSR community's safety and on improving various components of emergency response. In the 2019 National Preparedness Report it was identified that Operational Coordination was a key area of focus. Lessons learned from recent disasters reflect the continued importance of strengthening coordination structures and processes to quickly act, streamline efforts, and enhance situational awareness. Investments in Regional Emergency Operation Center Upgrades and Emergency Management Software and Equipment Maintenance (specifically WebEOC) will help support and streamline efforts across the MBHSR, especially in the response and recovery mission areas, when it comes to incident command and resource management. In addition, the Emergency Management Software and Equipment Maintenance IJ addresses what was captured in the 2019 THIRA/SPR in the Equipment section of POETE for Logistics and Supply Chain Management. It was identified that this area needed to be built as well as sustained which indicates that shelter support equipment such as emergency generators, portable light towers, and VMS boards need to be maintained and replaced when they come to their end of use. The On-Scene Security, protection, and Law Enforcement core capability was identified in the 2019 THIRA/SPR to have gaps in both organization and equipment which will be addressed with the SWAT/SRT Equipment project where investments will be made in to the SWAT teams around the MBHSR so they can increase their capabilities and standardize across jurisdictions.

II. Project Management - Investment # 1

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$910,000.00

All of the requested funding must be associated with specific projects.

Project # 1

Project Information - Project # 1

Project Name: EM Software/Equipment Maintenance
Project Description: This project supports the maintenance and repairs of UASI-funded emergency management equipment across the MBHSR including message boards, generators, and light towers. It will also support the region's situational awareness posting board (WebEOC) used by all nine MBHSR municipalities and emergency management departments, the primary incident command coordinating tool in the event of a terrorist attack. Measurable Outcomes: ¿ Routine maintenance and repairs allow for equipment and software to work properly when needed. Many of these items are deployable across the Region, such as light towers or VMS boards, fostering collaboration for emergency response. Stakeholders utilize a shared asset management/inventory tracking system to facilitate regional equipment deployment and management. This project supports that asset management platform as it ensures the cost-effective regional asset sharing. Additionally, this project supports the purchase of a prime mover/response vehicle for Winthrop. The Town of Winthrop borders Logan International Airport - 1200 flights daily and 36 million passengers annually. Winthrop police are also first re-ponders to the Deer Island Water Treatment facility (MWRA), the largest of its kind on the eastern seaboard, and has a water tower in the community that stores 1,000,000 gallons of water. The response vehicle will hold road closures equipment, lighting equipment, personal protection gear, evidence collection and protection equipment, and additional tactical gear to assist in any required response to any type of threat to critical infrastructure, schools, or the numerous religious institutions located in the town. The vehicle would also be equipped to tow UASI equipment that is needed during emergencies, such as generators, gators and/ boats. The asset would be available upon request to respond or assist with equipment movement throughout the UASI community.
Funding Amount: $910,000.00
Subgrantee: Boston UASI
Grantee Type: Local Jurisdiction / Entity
Project Location: 02201

III.A - Project Alignment to Core Capability and Solution Areas - Project # 1

Primary Core Capability: Logistics and Supply Chain Management
Capability Building: Sustain
Deployable: Yes
Shareable: Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$.00	0%
Organization	$.00	0%
Equipment	$215,000.00	100%
Training	$.00	0%
Exercises	$.00	0%
Total	$215,000.00	100%

III.B - Project Baseline and Management - Project # 1

Project Management Step: Initiate
Project Start Date: JANUARY 2021
Project End Date: JUNE 2023
Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? Yes

Prior Year	Investment	Last Completed Milestone
2019	Strengthen the Community's Safety & Security	Maintenance and Procurement

II. Project Management - Investment # 1

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$910,000.00

All of the requested funding must be associated with specific projects.

Project # 2

Project Information - Project # 2

Project Name: SWAT/SRT Equipment
Project Description: This project addresses emerging threats. The Metro-Boston Region¿s Special Weapons and Tactics (SWAT) Program was first funded via UASI in FY2010 when the critical need to enhance the ability to protect the Region¿s Critical Infrastructure was identified and required under the UASI Grant NOFO for that year. Presently the Region fields six SWAT Teams. These Regional SWAT Teams train together according to Federal Standards and purchase similar equipment to ensure maximum interoperability. The initial UASI investment in FY2010 was approximately $575,000.00. Since FY2017 it has been in sustainment mode costing on average $675,000.00 in UASI Grant Funding to replace existing and purchase updated field equipment. All operational costs such as mandated monthly training overtime costs and equipment maintenance are supported by the individual MBHS Police Departments not by the UASI Grant. This project requests $625,000.00 for purchase of equipment with rapidly approaching expiration dates. The cost effectiveness of the Metro-Boston SWAT Team Initiative has been demonstrated in the response to numerous incidents of barricaded suspect apprehension and responding to incidents of Active Shooters in public venues. The Metro-Boston Region¿s SWAT Team Initiative has and continues to close a capability gap the Region was experiencing in providing protection to our citizens in large- and small-scale public venues such as: professional sporting events, political rallies, parades, marathons, and similar public events. The formation of the MBHSR Regional SWAT Team Initiative has enhanced coordinated agency response and collaboration within the Metro-Boston Region. This project will purchase a Virtual Reality Officer Training Simulator. The unit is a comprehensive system that is designed to allow police trainers the ability to give presentations and classes, conduct interactive testing and assessment and provide immersive hands-on scenario-based exercises with detailed debriefing and after-action review. The system is designed to increase officer knowledge, skills and confidence in a safe, challenging environment that is highly interactive and engaging. The system uses virtual reality hardware and technology to create realistic and immersive force options, de-escalation, and crisis intervention training. Virtual Reality training offers training managers and law enforcement agencies thorough insight into their officer's training results, requirements and progress. Having law enforcement personnel thoroughly trained for response to terrorism involving armed suspects is critical to protect our citizens. This project also includes $70,000.00 to purchase one Virtual Reality simulator unit for the Quincy Police Department as a pilot program for the Region to test and evaluate. After one grant cycle the program will be reviewed for potential regional expansion or sustainment funding. The Metro-Boston Regional Virtual Reality Training Simulator for Law Enforcement Initiative would address a significant gap in the ability of the Region to effectively train Law Enforcement Officers to safely and effectively respond to acts of terrorism involving armed suspects in crowed public venues or in religious institutions, as recently experienced throughout the country. The Metro-Boston Regional Virtual Reality Training Simulator for Law Enforcement Initiative would be available for use by any requesting: Federal, State, or Municipal Law Enforcement Agency. Use of the system by partner Law Enforcement Agencies would standardize police response to acts of terrorism such as Active Shooter Hostile Events (ASHE) and greatly enhance the ability of the Region to collectively protect our citizens using standardized tactics tested and evaluated in simulators.
Funding Amount: $910,000.00
Subgrantee: Boston UASI
Grantee Type: Local Jurisdiction / Entity
Project Location: 02201

III.A - Project Alignment to Core Capability and Solution Areas - Project # 2

Primary Core Capability: On-scene Security, Protection, and Law Enforcement
Capability Building: Sustain
Deployable: Yes
Shareable: Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$.00	0%
Organization	$.00	0%
Equipment	$695,000.00	100%
Training	$.00	0%

Exercises	$.00	0%
Total	$695,000.00	100%

III.B - Project Baseline and Management - Project # 2

Project Management Step: Initiate
Project Start Date: JANUARY 2021
Project End Date: JUNE 2023
Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? Yes

Prior Year	Investment	Last Completed Milestone
2019	Strengthen the Community's Safety & Security	Procurement

(End of Investment # 1.)

Investment #2

Investment Information - Investment #2

II.A Investment Name: Strengthen the Region's Capabilities to Protect Critical Infrastructure and Key Resources / Soft Tar

II.B Investment Type: Standard Investment

I. Overview - Investment # 2

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$3,108,000.00

II.D - How much of this Investment will be obligated towards Law Enforcement Terrorism Prevention Activities (LETPA): $2,778,000.00

II.E - Describe the investment, specifically how it addresses gaps and/or sustainment in the Threat and Hazard Identification Risk Assessment (THIRA)/Stakeholder Preparedness Review (SPR):

Critical Infrastructure Protection is an area in which data and conditions constantly change; this dynamic situation requires continual attention and investment- the focus of this investment area. The core capabilities specifically from the Prevention and Protection Mission Areas that are involved in this investment area were not areas that were covered in the 2019 THIRA/SPR process. The Critical Infrastructure Subcommittee did identify areas of gaps and sustainment prior to the FY20 abstract process to better inform their FY20 investments. Camera Infrastructure (CIMS, Drone Detection, and License Plate Readers) Target Hardening (Target Hardening), and Maritime (Maritime Equipment) were identified as gap/sustainment areas and these areas are directly supported by projects in the Critical Infrastructure Investment Area.

II. Project Management - Investment # 2

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$3,108,000.00

All of the requested funding must be associated with specific projects.

Project # 1

Project Information - Project # 1

Project Name: Target Hardening
Project Description: This project will address soft target threats by allowing jurisdictions within the region to harden critical infrastructure and/or municipal buildings or properties essential to the continuity of operations during critical periods or emergencies including terrorist attacks. Sites may include police facilities, fire stations, emergency communications facilities, public works buildings and storage locations as well as emergency operations centers and other municipal buildings, election polling facilities or key evacuation traffic routes. Projects may include the purchase and installation of equipment including locks, doors, fencing, barriers, bollards, camera systems, electronic access systems, computer hardware and other items designed to enhance the physical security of a building or property. This project will serve to protect these locations which are very often soft targets for terrorist attack. When the Region is better protected, for example with security cameras, law enforcement can collaborate together to identify and mitigate terrorist activity. Additionally, many municipal buildings and libraries are polling locations. Protecting their physical security and access will serve to strengthen elections security in the Region. For example, bollards and barriers would protect residents from vehicle rammings when gathering to cast votes.   Measurable Outcomes: 1 The investment will allow for the mitigation of risk, threats and vulnerability throughout the MBHSR region. 2 The investment will allow gap analysis as well as determine strengths and weaknesses of investments made in previous funding years to inform future funding decisions. 3 A yet to-be-determined number of public facilities throughout the MBHSR will become more physically secure through site specific target hardening. This funding is designed to be divided among the nine cities and towns that make up the Region. All jurisdictions could collaborate on a Regional threat/risk assessment that would illuminate gaps in target hardening in the metro Boston area of critical locations that need protection.
Funding Amount: $3,108,000.00
Subgrantee: Boston UASI
Grantee Type: Local Jurisdiction / Entity
Project Location: 02201

III.A - Project Alignment to Core Capability and Solution Areas - Project # 1

Primary Core Capability: Physical Protective Measures
Capability Building: Sustain
Deployable: No
Shareable: No

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$.00	0%
Organization	$.00	0%
Equipment	$145,000.00	100%
Training	$.00	0%
Exercises	$.00	0%
Total	$145,000.00	100%

III.B - Project Baseline and Management - Project # 1

Project Management Step: Initiate
Project Start Date: JANUARY 2021
Project End Date: JUNE 2023
Does this project require new construction, renovation, retrofitting or modifications of existing structure? Yes

Supports Previous Awarded Investment? Yes

Prior Year	Investment	Last Completed Milestone
2019	Strengthen the Region's Capabilities to Protect Critical Infrastructure and Key Resources	Procurement

II. Project Management - Investment # 2

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$3,108,000.00

All of the requested funding must be associated with specific projects.

Project # 2

Project Information - Project # 2

Project Name: Critical Infrastructure Monitoring System (CIMS)
Project Description: This project addresses soft target threats. CIMS is a valuable monitoring system which the MBHSR has continued to utilize and maintain. At this time the Region is set to use the findings of our gap analysis to reinvest in this system beyond maintaining its current status. As the region continues with other efforts to identify and mitigate risks, as well as re-evaluate evacuation routes, the MBHSR has identified the benefit of allowing some flexibility in the network by enhancing the CIMS with quick deploy cameras for incident response and tactical operations. This project will allow for the build out of network hotspots for wireless connectivity, refreshing existing camera network infrastructure equipment, as well as the continued maintenance agreements that will maintain the physical equipment that makes up the network. This project also provides for the procurement of additional licenses and software upgrades for Briefcam, an analytical open source software application that is an investigative tool for the region wide CIMS camera network. Briefcam is used as an after the fact video investigation application to analyze video recordings that can be used for evidence. It saves the Region both cost and time when looking for critical information that may have been captured on a camera system; the software will search quickly through hours of recordings. It increases identity verification, intelligence and information sharing across the Region. This application has been funded for the last three years and has been a very successful video analytic tool that has helped in many investigations at the local and regional level. The newest version of Briefcam is a much more power applicatio with new features that will help analyzing potential video evidence. Finally, this project supports the continuation of a gunshot detection service for Boston, Cambridge, Chelsea, Everett, Revere, and Somerville which has been funded by UASI for nearly a decade. This system covers one square mile in each city and allows law enforcement to respond quickly to active shooter activity. The system protects outdoor soft target areas in the Region. Its sensors immediately alert emergency call dispatch centers of gunshot noise. Additionally, the system can generate reports useful in subsequent investigations.
Funding Amount: $3,108,000.00
Subgrantee: Boston UASI
Grantee Type: Local Jurisdiction / Entity
Project Location: 02201

III.A - Project Alignment to Core Capability and Solution Areas - Project # 2

Primary Core Capability: Screening, Search, and Detection
Capability Building: Build
Deployable: Yes
Shareable: Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$.00	0%
Organization	$.00	0%
Equipment	$1,983,000.00	100%
Training	$.00	0%
Exercises	$.00	0%
Total	$1,983,000.00	100%

III.B - Project Baseline and Management - Project # 2

Project Management Step: Initiate
Project Start Date: JANUARY 2021
Project End Date: JUNE 2023

Does this project require new construction, renovation, retrofitting or modifications of existing structure? Yes
Supports Previous Awarded Investment? Yes

Prior Year	Investment	Last Completed Milestone
2019	Strengthen the Region's Capabilities to Protect Critical Infrastructure and Key Resources	Procurement

II. Project Management - Investment # 2

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$3,108,000.00

All of the requested funding must be associated with specific projects.

Project # 3

Project Information - Project # 3

Project Name: Maritime Equipment
Project Description: This project will address soft target threats. This project was first funded via the UASI Grant in FY2006.The need was further identified during three large scale 24-hour regional exercises named URBAN SHIELD conducted in FY2011, FY2012, and FY2014. The URBAN SHIELD Exercises tested the Region¿s Maritime First Responders and identified severe deficiencies in training and equipment. The Port of Boston is the largest in Massachusetts and is one of the principal ports on the East Coast. Maritime Critical Infrastructure in the Port of Boston include: large marine bulk liquid transfer facilities, chemical manufacturing plants, electrical power generation plants, sewerage chemical treatment facilities, critical roadway bridges, an extensive commuter ferry system, and the only Liquid Natural Gas (LNG) Marine Transfer Facility located in a dense urban area in the United States. The Port of Boston encompasses 8 of the 9 MBHSR Communities. Those 8 field Marine Law Enforcement Units, and 6 of the 9 Communities field Marine Fire-Fighting Units. The economic value of the Port of Boston is valued at $11.5 Billion Dollars annually. Recently a barge with construction equipment sank near the Boston Main Ship Channel. The Coast Guard of the Port of Boston closed the port due to the danger posed to shipping by the unknown barge¿s position. UASI Funded Side Scanning Sonar equipment was used by the Quincy Police Department¿s Marine Unit to locate the exact position of the sunken barge; the port was re-opened in record time. Without the UASI Funded Equipment the port would likely have remained closed for weeks. The Region has invested on average $700,000.00 per year of UASI Funding since FY2017. This both expanded existing and created new Maritime Law Enforcement Units and Marine Fire-Fighting Units. If this investment justification of $620,000.00 is approved, the project will require less future grant funding as the new maritime response units mature. As these units reach operational steady state, sustainment funding will be fully supported via their specific agencies. This initiative has and will continue to close a regional capabilities gap of responding to Maritime Safety and Security Emergencies. The UASI Grant has vastly improved the response capability of the Region, most recently demonstrated during the port closure and a passenger ferry grounding. In both instances, Metro-Boston Maritime Response Agencies rapidly and thoroughly mitigated these untoward incidents. This initiative has fostered a robust collaboration among Federal, State, and Municipal Maritime Response Agencies. In 2017, the Port of Boston hosted the large-scale SAIL BOSTON Marine Event. During this week-long event, the Metro-Boston Maritime Response agencies used the vessels and equipment funded via UASI to successfully address all safety and security needs posed by this complicated and challenging evolution. The proposed equipment includes items such as: boats and boat modifications, night navigation equipment, radios, engines, fire pumps, inflatable vessels, radar units, wet/dive suit s and associated personal protective equipment, throw bags, personal flotation devices, FLIR equipment and SCUBA equipment. This equipment would be distributed among the participating agencies. This project also supports the purchase of a high water rescue vehicle for Revere to allow first responders to access areas of the city that are frequently inaccessible due to flooding. Revere is a coastal city and is subject to storm surge and other damages due to hurricanes and ocean storms. The equipment would be used for responding to calls for service by police, fire and EMT's as well as evacuation of several areas throughout the city if required. The cost includes the high water vehicle as well as personnel protection equipment for firemen and police officers. The asset could be shared with bordering UASI partners such as Winthrop and the East Boston area as needed.
Funding Amount: $3,108,000.00
Subgrantee: Boston UASI
Grantee Type: Local Jurisdiction / Entity
Project Location: 02201

III.A - Project Alignment to Core Capability and Solution Areas - Project # 3

Primary Core Capability: Interdiction and Disruption
Capability Building: Build
Deployable: Yes
Shareable: Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$.00	0%
Organization	$.00	0%

Equipment	$795,000.00	100%
Training	$.00	0%
Exercises	$.00	0%
Total	$795,000.00	100%

III.B - Project Baseline and Management - Project # 3

Project Management Step: Initiate
Project Start Date: JANUARY 2021
Project End Date: JUNE 2023
Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? Yes

Prior Year	Investment	Last Completed Milestone
2019	**Strengthen the Region's Capabilities to Protect Critical Infrastructure and Key Resources**	Procurement

II. Project Management - Investment # 2

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$3,108,000.00

All of the requested funding must be associated with specific projects.

Project # 4

Project Information - Project # 4

Project Name: Regional License Plate Reader System
Project Description: This project serves to address soft target threats by building upon the Region's license plate reader system. In previous grant years, several communities received funding to procure services that would allow law enforcement officers access to license plate data. This grant cycle would allow Winthrop to participate fully as well. The License Plate Readers (LPR¿ s) shall be installed in the two locations that allow access to the Town of Winthrop and will capture vehicles that enter and exit the Town. A third location, the Shirley St. corridor, is a single road that accesses the entrance to the Massachusetts Water Resource Authority (MWRA) on Deer Island which is the largest wastewater management plant on the eastern seaboard of the United States. The MWRA plant services several cities and town in the UASI community and is part of the region¿s critical infrastructure. The MWRA has a water tower located just off the Shirley St. corridor which stores a million gallons of water that services the region. The tower has numerous pieces of communication equipment that is critical to several federal and state agencies. The Town of Winthrop is a bordering community to Logan International Airport. Logan International Airport handles twelve hundred flights daily and services 38 million passengers annually and is growing. The Town of Winthrop has the closest active runway to a residential neighborhood in the country. The license plate readers would complement the already UASI funded surveillance cameras that are in installed as part of our a target hardening planning. The readers would also be accessible by all UASI Departments if needed. This system enables Winthrop and the other communities to access information to assist in identifying and apprehending individuals engaged in terrorism activities.
Funding Amount: $3,108,000.00
Subgrantee: Boston UASI
Grantee Type: Local Jurisdiction / Entity
Project Location: 02201

III.A - Project Alignment to Core Capability and Solution Areas - Project # 4

Primary Core Capability: Screening, Search, and Detection
Capability Building: Build
Deployable: Yes
Shareable: Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$.00	0%
Organization	$.00	0%
Equipment	$10,000.00	100%
Training	$.00	0%
Exercises	$.00	0%
Total	$10,000.00	100%

III.B - Project Baseline and Management - Project # 4

Project Management Step: Initiate
Project Start Date: JANUARY 2021
Project End Date: JUNE 2023
Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? Yes

Prior Year	Investment	Last Completed Milestone
2019	**Strengthen the Region's Capabilities to Protect Critical Infrastructure and Key Resources**	Procurement

II. Project Management - Investment # 2

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$3,108,000.00

All of the requested funding must be associated with specific projects.

Project # 5

Project Information - Project # 5

Project Name: Drone Detection Project

Project Description: This project seeks to address soft target threats by continued procurement of drone detection technology. This funding is the second phase in a regional project initially piloted by Boston and Cambridge with anticipated phased growth over subsequent grant years. The detection system would serve to detect, decode, and process the telemetry data of a drone. It provides real-time unique and critical data to assist law enforcement personnel in identifying public safety terrorism risks related to drone use. This project is being implemented in collaboration with the Massachusetts State Police and the Massachusetts Port Authority. This project will expand the required infrastructure and sustain the existing information technology services deployed for detecting, analyzing and responding to the emerging threat posed by terrorist use of unmanned aerial systems (e.g. UAS as a weapon, weapon delivery system, and as a tool for reconnaissance purposes) within the Metro Boston Homeland Security Region (MBHSR). The intent of this project is to provide real-time monitoring and identification, as well as forensic investigative capabilities, for identifying UAS flights and associated pilot locations that pose a threat to air traffic, critical infrastructure, and large crowd/soft target events vulnerable to airborne threats. This project is being implemented in close partnership with the Massachusetts State Police and the Massachusetts Port Authority. The technology employed for detection across the MBHSR is interoperable with the State of Massachusetts¿ MESH system, providing a secure, integrated antenna network for the detection of UAS activities across the State, and in critical regions and areas. This allows for redundancy and collaboration for threat mitigation across MA public safety agencies. The software is web-based and secure, with all data residing CONUS and disparate from overseas technology providers to protect from cybersecurity and counterintelligence threats; and it contains mechanisms that ensure the protection of sensitive and personal identifying data, as well as privacy, civil rights and civil liberties. Measurable Outcomes: ¿ Improve the MBHSR¿s ability to recognize, protect against and respond to emerging threats posed by UAS. ¿ Reduce the risk of attacks that can bypass perimeter security mechanisms via vulnerable airborne attack vectors. ¿ Enhance the BRIC¿s information gathering/collection and recognition of indicators and warnings through an active monitoring of airborne threats to identified critical infrastructure, soft targets/large crowd events, and FAA-protected airspace. ¿ Support the identification of patters of illicit and/or suspicious behavior. ¿ Aid in the education of public/hobbyist and commercial UAS operators that are not aware of restricted flight parameters, substantially reducing false positives that result from the detection technology.

Funding Amount: $3,108,000.00

Subgrantee: Boston UASI

Grantee Type: Local Jurisdiction / Entity

Project Location: 02201

III.A - Project Alignment to Core Capability and Solution Areas - Project # 5

Primary Core Capability: Screening, Search, and Detection

Capability Building: Build

Deployable: Yes

Shareable: Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$.00	0%
Organization	$.00	0%
Equipment	$175,000.00	100%
Training	$.00	0%
Exercises	$.00	0%
Total	$175,000.00	100%

III.B - Project Baseline and Management - Project # 5

Project Management Step: Initiate
Project Start Date: JANUARY 2021
Project End Date: JUNE 2022
Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? Yes

Prior Year	Investment	Last Completed Milestone
2019	**Strengthen the Region's Capabilities to Protect Critical Infrastructure and Key Resources**	**Procurement**

(End of Investment # 2.)

Investment #3

Investment Information - Investment #3

II.A Investment Name: Strengthen Information Sharing and Collaboration Capabilities

II.B Investment Type: Consolidated Fusion Center Investment

I. Overview - Investment # 3

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$2,543,000.00

II.D - How much of this Investment will be obligated towards Law Enforcement Terrorism Prevention Activities (LETPA): $2,543,000.00

II.E - Describe the investment, specifically how it addresses gaps and/or sustainment in the Threat and Hazard Identification Risk Assessment (THIRA)/Stakeholder Preparedness Review (SPR):

This investment area is a major priority for the MBHSR and stakeholders, threats, and technologies related to this area are constantly changing so it requires continual attention and investment. The Intel Subcommittee did identify areas of gaps and sustainment prior to the FY20 abstract process to better inform their FY20 investments. Intelligence and Information Sharing (Intelligence/Analysts/BRIC Contractual Support and Intel ardware/Software)were identified as a gap/sustainment areas and are directly supported by the projects in the Information Sharing and Collaboration Investment Area.

II. Project Management - Investment # 3

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$2,543,000.00

All of the requested funding must be associated with specific projects.

Project # 1

Project Information - Project # 1

Project Name: Intelligence Analysts/ BRIC Contractual Support
Project Description: This project will continue to fund contractual support of intelligence analysts assigned to the Boston Regional Intelligence Center (BRIC) to perform regional tactical and strategic analysis operations to support GIS, database administration, web development and programming. The employment of these analysts directly affects the Region's ability to foresee and prevent acts of terrorism through detailed crime analysis and mapping. This investment addresses gaps in the Region's ability to gather, analyze, and disseminate data related to threats, crime, and terrorism. This project will further mature and sustain the cadre of intelligence analysts assigned to the Boston Regional Intelligence Center (BRIC), a recognized major urban area fusion center, who drive the region¿s tactical and strategic analysis operations. The intelligence analysts funded by this project primarily support the region¿s counterterrorism capabilities, providing intelligence analysis, risk management, information sharing and coordination, watch and warning, and investigative support to local, state and Federal law enforcement, public safety, and private sector critical infrastructure partners. Additionally, they support the analysis of emerging threats, providing data and intelligence analysis that is supportive of various crime, transnational criminal organizations, tactics, techniques and procedures employed by adversaries, and other priority issues that threaten public safety and homeland security. This project also supports information technology development and administration, ultimately ensuring the reliability, availability and accuracy of the BRIC¿s data analysis platforms utilized by the intelligence analysts; and the intelligence sharing program management needs of the BRIC, which facilitate the BRIC¿s liaison programs and partnerships to execute its mission. This investment also addresses gaps in the Region¿s ability to gather, analyze, and disseminate data related to threats, crime, and terrorism. Through this year¿s investment, we plan enhance our cyber security capabilities through the creation of a cyber security intelligence analyst position. This position will inform and drive the administration of defensive security measures, identify emerging trends that require training and technology to augment defensive measures, and collect and analyze locally-generated data to drive investigations into illicit actors, in coordination with local, state, Federal and private sector stakeholders. Measurable Outcomes: ¿ This investment will enhance information gathering/collection and recognition of indicators and warnings through the employment of intelligence analysts at the BRIC. ¿ This investment will improve the BRIC¿s ability to recognize, protect against and respond to emerging threats. ¿ This investment will enhance the regions cybersecurity capabilities and coordination with Federal and critical infrastructure partners ¿ This investment will allow for the BRIC to maintain and achieve compliance with the following guidelines: ¿ Comprehensive Preparedness Guide 502 ¿ DHS Baseline Capabilities for Major Urban Area Fusion Centers ¿ DOJ - Global Information Sharing Initiative Law Enforcement Analytic Standards ¿ ODNI ¿ National Information Sharing Plan ¿ 28 CFR Part 23 ¿ ISE/SAR Operating Guidelines ¿ National Cyber Strategy of the United States of America ¿ National Counterintelligence Strategy of the United States of America
Funding Amount: $2,543,000.00
Subgrantee: Boston UASI
Grantee Type: Local Jurisdiction / Entity
Project Location: 02201

III.A - Project Alignment to Core Capability and Solution Areas - Project # 1

Primary Core Capability: Intelligence and Information Sharing
Capability Building: Sustain
Deployable: No
Shareable: Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$.00	0%
Organization	$1,958,000.00	100%
Equipment	$.00	0%
Training	$.00	0%
Exercises	$.00	0%
Total	$1,958,000.00	100%

Project Management Step: Initiate
Project Start Date: JANUARY 2021
Project End Date: JUNE 2023
Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? Yes

Prior Year	Investment	Last Completed Milestone
2019	Strengthen Information Sharing and Collaboration Capabilities	Planning

II. Project Management - Investment # 3

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$2,543,000.00

All of the requested funding must be associated with specific projects.

Project # 2

Project Information - Project # 2

Project Name: Intel Hardware/Software
Project Description: This project involves the purchase and sustainment of hardware, software programs and data/information technology services that support the operations of the Boston Regional Intelligence Center (BRIC) as well as the MBHSR investigative units engaged in the BRIC¿s and our Federal partner¿s counterterrorism, critical infrastructure protection, and threat mitigation responsibilities. The technology purchased and sustained will enhance the BRIC¿s information and intelligence sharing capabilities and strengthen its capacity to identify, collect, analyze, and share information, and to disseminate actionable and strategic intelligence to key stakeholders.   This investment includes the procurement of investigative and intelligence analysis equipment and programs, as well as technology necessary to maintain effective intelligence sharing with liaisons and analysts across the region. Additionally, it supports the continuance of the MBHSR Risk Management software platform which assists the region in prioritizing locations for security enhancement. This platform will be used to perform critical risk assessments and assess site vulnerability to inform decision making regarding the purchase and installation of equipment based on complex risk, threat, and capability assessments. It is used as our critical infrastructure asset inventory; it is managed collaboratively with other public safety agencies that operate in the region; stores critical information pertaining to the presence of hazardous materials, vulnerable to theft and attack for terrorist purposes; it is used for assessing the regions risk to the evolving threat environment, to include emerging threats to soft targets, and both cybersecurity and counterintelligence threats; it is used as a means to augment risk assessment, evaluations and investigations of our Federal partners, to include DHS I&A, CISA, FBI, Secret Service, Department of State, and Department of Defense. It allows the segmentation of sensitive information and allows local stewardship of data, to include sensitive critical infrastructure information stored therein This platform and all other equipment will be used to prevent, protect against, and respond to acts of terrorism throughout the region. Measurable Outcomes: ¿ The region will procure real-time records database access to all 9 jurisdictions. ¿ Tablets or other mobile hardware will be procured for all 9 jurisdictions. ¿ Mobile forensics technology will be acquired and deployed to the region¿s law enforcement. ¿ Software will be acquired, and services performed, to support the analyst¿s ability to perform geospatial (GIS) analysis; social network analysis; temporal and statistical analysis; risk analysis; federated search capabilities; threat management; and secure information access and sharing. The risk assessment software platform is integrated into our existing GIS capabilities to improve regional risk assessments and physical threat assessments for critical infrastructure, including preplanning of soft targets and development of layout and floor plans to better inform tactical decisions for emergency responders. ¿ Embrace policies and technologies that protect sensitive and personal identifying information, and includes appropriate privacy, civil rights, and civil liberties protections.
Funding Amount: $2,543,000.00
Subgrantee: Boston UASI
Grantee Type: Local Jurisdiction / Entity
Project Location: 02201

III.A - Project Alignment to Core Capability and Solution Areas - Project # 2

Primary Core Capability: Intelligence and Information Sharing
Capability Building: Sustain
Deployable: Yes
Shareable: Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$.00	0%
Organization	$.00	0%
Equipment	$585,000.00	100%
Training	$.00	0%
Exercises	$.00	0%
Total	$585,000.00	100%

Project Management Step: Initiate
Project Start Date: JANUARY 2021
Project End Date: JUNE 2023
Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? Yes

Prior Year	Investment	Last Completed Milestone
2019	**Strengthen Information Sharing and Collaboration Capabilities**	Procurement

(End of Investment # 3.)

Investment #4

II.A Investment Name: Strengthen Emergency Communications Interoperability

II.B Investment Type: Standard Investment

I. Overview - Investment # 4

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$1,344,000.00

II.D - How much of this Investment will be obligated towards Law Enforcement Terrorism Prevention Activities (LETPA): $63,500.00

II.E - Describe the investment, specifically how it addresses gaps and/or sustainment in the Threat and Hazard Identification Risk Assessment (THIRA)/Stakeholder Preparedness Review (SPR):

The Emergency Communications Interoperability Investment Area is a priority for the MBHSR and all of its public safety partners. The investments align with the MBHSR Strategy and areas of gap/sustainment identified in the 2019 THIRA/SPR process. A specific area identified under the Operational Communication core capability in the 2019 THIRA/SPR to be built/sustained was under Equipment in the POETE model; the review of current equipment end of life and replacement. This supports the Radio Console Upgrade and Radio Subscriber Units projects. The Communications Interoperability Subcommittee also identified areas of gaps and sustainment prior to the FY20 abstract process to better inform their FY20 investments. The areas identified in this process were Communications Data Sharing (Interoperability Technical Support) and Communications Equipment (Radio Console Upgrades and Radio Subscriber Units).

II. Project Management - Investment # 4

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$1,344,000.00

All of the requested funding must be associated with specific projects.

Project # 1

Project Information - Project # 1

Project Name: Interoperability Technical Support

Project Description: This project will provide the MBHSR with contractual technical support services for emergency communications objectives in two parts: 1.) To assist the MBHSR in their planning initiatives and 2.) To provide ongoing technical support and maintenance for the PSNet network infrastructure. This system is the backbone network that supports a variety of public safety applications and communications operations including the Critical Infrastructure Monitoring System (cameras), quick-deployable cameras and Boston Regional Intelligence Center dashboards. Funding also supports active monitoring of the network, regular software/firmware updates, security maintenance, problem resolution, equipment procurement and technical support to regional stakeholders. PSnet (the Region's own Public Safety Network) is a collaborative effort by municipalities, State agencies, and other institutions and organizations operating within the Metropolitan Boston area, working to improve the communications, coordination, and information-sharing resources available to public safety providers. A majority of the UASI region¿s public safety applications runs over this network. It reduces risk by providing region-wide situational awareness, a redundant public safety network that is secure, and supports many UASI investments including radio systems, camera systems, situational awareness applications, and real time data sharing. It lowers costs by replacing dedicated circuits and special-purpose networks with shared network infrastructure built by assembling piece parts that already exist and/or are already planned. In some cases existing networks can be interconnected at nearly zero incremental cost. PSnet applications for the region are all collaborative projects for the UASI region. Some of the main regional applications that run over this network are Regional CAD to CAD real time situational awareness application, the Region's CIMS Camera Network, the Region's radio systems, the Region's Emergency Operation Centers, region wide data for CAD and RMS to the Boston Regional Intelligence Center for analysis, and to the Massachusetts CJIS system. PSnet is intended to meet the networking needs of any agency providing public safety services in the metropolitan Boston area, and to integrate emergency communications on a regional basis Participation in PSnet is open to municipal, regional, state, federal, and nongovernmental agencies and organizations with a public safety function. The PSnet has been a project that has been built and funded for the last 13+ years; this network is the backbone of the UASI region. The new funding will continue the operation of the network, replacing end of life equipment, and cyber security applications software\hardware solutions. Finally, this project will provide funding to retrain the services of an Interoperability Technical Consultant for the Region. This role fulfills a variety of communications needs for public safety stakeholders, including objectives such as: maintain, develop and document approved code plug for public safety agencies, inventory management and written assessment of communications assets and infrastructure, train (and/or refer and organize training opportunities) MBHSR public safety personnel in matters regarding portable subscriber radio units, and assist MBHSR public safety personnel with interoperable communications strategic planning.

Funding Amount: $1,344,000.00
Subgrantee: Boston UASI
Grantee Type: Local Jurisdiction / Entity
Project Location: 02201

III.A - Project Alignment to Core Capability and Solution Areas - Project # 1

Primary Core Capability: Operational Communications
Capability Building: Sustain
Deployable: No
Shareable: Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$1,000,000.00	100%
Organization	$.00	0%
Equipment	$.00	0%
Training	$.00	0%
Exercises	$.00	0%
Total	$1,000,000.00	100%

Project Management Step: Initiate
Project Start Date: JANUARY 2021
Project End Date: JUNE 2023
Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? Yes

Prior Year	Investment	Last Completed Milestone
2019	Strengthen Emergency Communications Interoperability	Planning

II. Project Management - Investment # 4

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$1,344,000.00

All of the requested funding must be associated with specific projects.

Project # 2

Project Information - Project # 2

Project Name: UTAC/8TAC Base Stations
Project Description: This project will replace the secondary UTAC/8TAC stations maintained by the Boston Police Department and used by all agencies during events thought the Region. These channels are critical to supporting various functions during exercises and real world events. These channels also provide access for all external agencies outside the region to be able to communicate with UASI agencies. The existing stations are based on equipment that is end of life from the manufacturer. The new equipment is IP based and will use the Microwave previously purchased by UASI for transport.
Funding Amount: $1,344,000.00
Subgrantee: Boston UASI
Grantee Type: Local Jurisdiction / Entity
Project Location: 02201

III.A - Project Alignment to Core Capability and Solution Areas - Project # 2

Primary Core Capability: Operational Communications
Capability Building: Build
Deployable: Yes
Shareable: No

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$.00	0%
Organization	$.00	0%
Equipment	$54,000.00	100%
Training	$.00	0%
Exercises	$.00	0%
Total	$54,000.00	100%

III.B - Project Baseline and Management - Project # 2

Project Management Step: Initiate
Project Start Date: JANUARY 2021
Project End Date: JUNE 2023
Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? No

II. Project Management - Investment # 4

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$1,344,000.00

All of the requested funding must be associated with specific projects.

Project # 3

Project Information - Project # 3

Project Name: Radio Subscriber Units
Project Description: This project will provide funding for Chelsea, Revere, Somerville, Winthrop to purchase portable radio subscriber units. This will allow these communities to expand upon their existing inter-agency communications which are critical in times of emergencies. Being able to quickly talk to another agency will reduce wasted time of preparing and responding by giving supervisors and line officer direct communications between departments. With the ability to communicate directly with other agencies these cities and towns would be able to share critical information as it arises. If a department has knowledge of an upcoming plot being able to call resources to bear on the threat actor will eliminate wasted time through regular communications. This project is cost effective in that each department would have the same equipment, radio frequencies and channel plans, thereby reducing maintenance and upkeep of the equipment by requiring knowledge of only one system. It is also cost effective to purchase in quantity, thereby reducing prices. Communications, especially inter-agency, is always a hurdle and this will help mitigate that by ensuring all radios are the same. One could expect to see a 25% in our overall capability by this project, improvements will continue to be seen going forward. That improvement would be measured by conducting training exercises, and by the normal planned events in seeing the amount of time it takes to setup as well as ease of correcting issues as they come up.   Regarding collaboration, with departments having the same equipment it makes it easier to train, respond and resolve issues. Without the need to figure out what equipment an officer may or may not have reduces time and stress when time is of the essence. Additionally, federal partners would be able to be on the same radio channels or be easily patched into this one.
Funding Amount: $1,344,000.00
Subgrantee: Boston UASI
Grantee Type: Local Jurisdiction / Entity
Project Location: 02201

III.A - Project Alignment to Core Capability and Solution Areas - Project # 3

Primary Core Capability: Operational Communications
Capability Building: Sustain
Deployable: Yes
Shareable: Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$.00	0%
Organization	$.00	0%
Equipment	$200,000.00	100%
Training	$.00	0%
Exercises	$.00	0%
Total	$200,000.00	100%

III.B - Project Baseline and Management - Project # 3

Project Management Step: Initiate
Project Start Date: JANUARY 2021
Project End Date: JUNE 2023
Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? Yes

Prior Year	Investment	Last Completed Milestone
2019	Strengthen Emergency Communications Interoperability	Procurement

II. Project Management - Investment # 4

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$1,344,000.00

All of the requested funding must be associated with specific projects.

Project # 4

Project Information - Project # 4

Project Name: Fiber Network Initiatives
Project Description: This project will provide funding for two fiber initiatives: one to deploy new fiber and one to remediate existing fiber strands.   In regards to the new fiber deployment: The objective of this project is the implementation of redundant, diverse connectivity for Chelsea municipal and public safety networks to their Admirals Hill site (5 Admirals Way), a critical site for network connectivity to the MBHSR cities/towns. This project supports the objective of preventing, preparing for, protecting against and responding to acts of terrorism as it will improve resiliency for Chelsea Public Safety and Emergency Management radio communication, CJIS connectivity, and CAD response for first responders. The project reduces overall risk to the region as it will provide redundant, diverse connectivity for Chelsea municipal and public safety networks. Cost effectiveness is demonstrated as the equipment and engineering work are market average costs and are required components. CJIS connectivity, radio communication and data sharing will be augmented and therefore reducing a public safety communication capability gap. The estimated improvement of the capability gap is ~70% as communication resiliency will improve and downtime with loss of communication is expected to reduce to 1% or less. Improvements may be measured/evaluated by tracking the reduction in the loss of CJIS connections and radio transmissions. This project helps overcome impediments to collaboration with augmented public safety communications and, therefore, uninterrupted data sharing. This project fosters a culture of national preparedness in collaboration with federal, state, and local governments, as well as other regional and nonprofit partner with uninterrupted, real-time radio and data communications. DHS has funded multiple fiber connectivity projects for the UASI region. All previous projects have been completed successfully. The main benefit will be the augmentation and improvement of the Chelsea Public Safety and Emergency Management radio communication, CAD response, camera video sharing and CJIS connectivity to Regional public safety networks and therefore, first responders, for critical information and incident sharing, real-time. This will strengthen the Region's ability to respond to incidents. In regards to the fiber remediation work: Remediate 20+ year old bad fiber splicing and connections in 6 critical locations for CJIS, radio and data sharing for improved support for public safety agencies in preparing for, protecting against and responding to acts of terrorism. This improvement reduces the overall risk to the region by establishing communication redundancy and minimizing outages. Cost effectiveness is demonstrated as the equipment and engineering work are market average costs and are required components. CJIS connectivity, radio communication and data sharing will be augmented and therefore reducing a public safety communication capability gap between 6 critical locations from Boston City Hall data center to Boston Police and Boston Fire. The estimated improvement of the capability gap is ~70% as communication resiliency will improve and downtime with loss of communication is expected to reduce to 1% or less. Improvements may be measured/evaluated by tracking the reduction in the loss of CJIS connections and radio transmissions. This project helps overcome impediments to collaboration with uninterrupted public safety communications and data sharing. This project fosters a culture of national preparedness in collaboration with federal, state, and local governments, as well as other regional and nonprofit partner with uninterrupted real-time radio and data communications. Again, DHS has funded multiple fiber connectivity projects for the UASI region. All previous projects have been completed successfully.
Funding Amount: $1,344,000.00
Subgrantee: Boston UASI
Grantee Type: Local Jurisdiction / Entity
Project Location: 02201

III.A - Project Alignment to Core Capability and Solution Areas - Project # 4

Primary Core Capability: Operational Communications
Capability Building: Build
Deployable: Yes
Shareable: No

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$.00	0%
Organization	$.00	0%
Equipment	$90,000.00	100%

Training	$.00	0%
Exercises	$.00	0%
Total	$90,000.00	100%

III.B - Project Baseline and Management - Project # 4

Project Management Step: Initiate
Project Start Date: JANUARY 2021
Project End Date: JUNE 2023
Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? Yes

Prior Year	Investment	Last Completed Milestone
2019	Strengthen Emergency Communications Interoperability	Procurement

(End of Investment # 4.)

Investment #5

Investment Information - Investment #5

II.A Investment Name: Strengthen CBRNE Detection, Response, and Decontamination Capabilities / Emerging Threats

II.B Investment Type: Standard Investment

I. Overview - Investment # 5

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$1,474,000.00

II.D - How much of this Investment will be obligated towards Law Enforcement Terrorism Prevention Activities (LETPA): $714,000.00

II.E - Describe the investment, specifically how it addresses gaps and/or sustainment in the Threat and Hazard Identification Risk Assessment (THIRA)/Stakeholder Preparedness Review (SPR):

The planning, staffing, equipment, training, and exercise associated with various aspects of CBRNE preparedness requires constant attention, maintenance, and enhancement, and is a priority and a goal for the MBHSR. During the 2019 THIRA/SPR process several core capabilities associated with this investment area were addressed, specifically those associated with the Response Mission Area. Areas that were identified as needing to be built/sustained under the Environmental Response/Health and Safety area include replacement of equipment as it reaches end of life and add equipment that enhances capabilities (CBRNE Detection and Decontamination). The Mass Search and Rescue Operations area identified equipment needs specifically for water based operations (US&R Equipment).   The CBRNE subcommittee identified additional gaps as part of our internal FY20 Abstract Process. EOD Subject Matter Experts indicated gaps in Logistics (Regional Bomb Squad Enhancements), K-9 Replacement (Regional EOD Canine Enhancements) and K-9 Reusable Training Aids and Equipment (Regional EOD Canine Enhancements).

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$1,474,000.00

All of the requested funding must be associated with specific projects.

Project # 1

Project Information - Project # 1

Project Name: Regional Bomb Squad Enhancements

Project Description: This project addresses emerging threats by supporting the continued funding of bomb squad enhancement equipment for the MBHSR Regional Bomb Squads, including blast mitigation suits, regional STAB 5 vehicles, disruption equipment, and portable x-ray equipment, and digging reels. In the spring of 2018, Boston was officially selected as the next Level 5 Stabilization Team. A team of 7 Special Agent Bomb Technicians (SABT's) and 14 local and state bomb techs will be tasked with having/maintaining this capability. The project will provide vehicle response capabilities for the New England Region for Improvised Nuclear Devices and/or Radiological Dispersal Devices. Blast Mitigation Suits are used by Bomb Technicians in all aspects of investigating, diagnosing, and rendering safe any item that maybe consistent with an IED. These suits are part of an overall response to any act of terrorism involving IED's and are designed to prevent or mitigate injuries to the Bomb Technician. The suit also allows Bomb Technicians to closely inspect and render safe IED's preventing a detonation of the suspect IED which in turn mitigates loss off life and/or severe injuries to civilians. These suits have a shelf life of approximately 7-8 Years and this request is being put forward to replace suits that are at or near expiration. Portable X-Ray systems have a wide range of flexible imaging plates that are used to scan suspicious items and allow Bomb Technicians the proper diagnostics so the most appropriate render safe procedure is utilized. These systems can be set up in as little as 2 minutes and will be used as the main X-Ray tool in a full EOD response to mitigate acts of terrorism involving the use of Improvised Explosive Devices. Lightweight Portable X-Ray Sources (XR150) are used by Explosive Ordnance Technicians In Dismounted EOD operations in field. These Small Sources are easily carried and can be quickly deployed for immediate on site examination of suspicious items. There penetrating ability, reliability and ease of operation provide the Bomb Technician in the field a system that can confirm or dispel the presence of an IED very rapidly and is an asset especially during events that draw large crowds. Heavy Duty Rigging Reels w/ 400ft Dynema rope is used for Rigging potential items containing Improvised Explosive Devices. These rigging ropes are part of an overall response to mitigate these devices should they be in areas that cannot withstand a detonation. These items would need to be "Rigged" to an area where a render safe procedure could be performed. Some examples would be weak structures, gas lines or crowded areas. Rigging can also be utilized to remove suspicious items from higher floors in a building whether residential and/or commercial. Additionally, this project would fund an incident response vehicle for the City of Everett. This asset would also have an immediate benefit in training, response and investigations for several UASI communities as well as local/state and private assets such as the Exelon LNG Terminal and Port, Exelon Mystic Power Station, Encore Boston Harbor Casino, as well as the ExxonMobile fuel storage and supply. With this asset in place the region will have improved its ability to respond to acts of terrorism, explosions and hazardous material incidents in an expedient and efficient manner as currently there are no such vehicles in the northern UASI area. The asset's measurable improvement would be in initial response and overall investigatory times as the asset would eliminate the need for supplies, functional equipment, investigation tools and equipment to be kept in different areas or stored as they would be with the vehicle at all times and immediately deployable with the investigator without delay.

Funding Amount: $1,474,000.00
Subgrantee: Boston UASI
Grantee Type: Local Jurisdiction / Entity
Project Location: 02201

III.A - Project Alignment to Core Capability and Solution Areas - Project # 1

Primary Core Capability: Interdiction and Disruption
Capability Building: Sustain
Deployable: Yes
Shareable: Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$.00	0%
Organization	$.00	0%
Equipment	$514,000.00	100%
Training	$.00	0%

Exercises	$.00	0%
Total	$514,000.00	100%

III.B - Project Baseline and Management - Project # 1

Project Management Step: Initiate
Project Start Date: JANUARY 2021
Project End Date: JUNE 2023
Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? Yes

Prior Year	Investment	Last Completed Milestone
2019	**Strengthen CBRNE Detection, Response, and Decontamination Capabilities**	Procurement

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$1,474,000.00

All of the requested funding must be associated with specific projects.

Project # 2

Project Information - Project # 2

Project Name: CBRNE Detection and Decontamination

Project Description: This project addresses emerging threats by procurement and upgrades of specialized CBRNE detection and decontamination equipment. Having the ability to detect Chemical Warfare (CW) or nefariously purposed Toxic Industrial Chemicals (TICs) is an essential task for units under the CBRNE subcommittee. The Region hosts many public gatherings, including some SEAR listed national security events; making it an enticing target to both foreign and domestic extremist and terrorist groups. This project increases the ability to detect CW agents or TICs being weaponized by a terrorist or extremist group. However, when detection and prevention efforts are unsuccessful, the need for rapid and effective decontamination for responders and civilians is essential. The detection equipment is compatible with and utilized by many of the federal partners who collaborate with the MBHSR units. Additionally, some of the decontamination equipment is to supplement and support some of the public health partners, solidifying the Public-Private partnerships that have been seen to increase success in emergency incidents. CBRN Chemical/Personal Protective Clothing provide shielding for first responders from the chemical/physical hazards that may be encountered during a terrorist attack, natural disaster, or other emergency operations. Proposed funding will replace outdated/expired garments that were procured with prior UASI funding. These garments are presently located on Boston Fire CBRN/Hazmat response vehicles, Mass Decontaination Trailers and response/training cache. This project also funds a continuation/finalization of the 2015 Mass Decontamination Shelter replacement project. It will provide Brigham & Women's hospital with a Mass decontamination shelter system that has been standardized with other Metro-Boston UASI Hospitals. It is vital to decontaminate both victims and first responders to eliminate the spread of lethal agents and to preserve Boston¿s renowned emergency care hospitals from closing. CBRN terrorism involves the use of weapons of mass destruction (WMD). Security analysts believe there is a high probability that terrorists will make use of such weapons. Emergency responders must be provided with appropriate and sufficient amount of respiratory protection, since the respiratory tract is the primary route of exposure to these lethal agents. The current cache of CBRN respiratory filter cartridges that were procured in F Y2012 with MBHSR (UASI) investments will be expiring (10 year Life). The project also will replace expiring PPE and increase the PPE stores within the MBHSR to better prepare to respond to a WMD or uncontrolled outbreak or health incident. This would establish a strategic cache of PPE to respond to/mitigate a potential outbreak of a contagious disease and for a bioterror attack that could follow on, or be disguised as, a natural pandemic. It would fund PPE and disinfection supplies, agent detection and identification equipment, and other supplies ancillary to a bioterror incident. Also, the present cache of 60 minute training cylinders have reached their lifespan and can no longer be hydro-tested. Presently, the surrounding UASI Fire Service and Law Enforcement communities are using Scott SCBA's. New cylinders for MBHSR (UASI) members undergoing CBRN/Hazmat training at the Boston (Brighton) training facility are needed. Finally, this project would purchase a Thermo Scientific Gemini handheld analyzer, as well as an AREA Rae Pro Multi-Threat Detection System that has the capacity to simultaneously display readings from remote air monitoring devices that can monitor a wide geographical area. It is useful for Homeland Security / terrorist threat missions such as presidential and dignitary visits, annual public events such as the Marathon, July 4th esplanade, and Head of the Charles Regatta. It will assist incident commanders in establishing safe perimeters allowing evacuees or members to back off to a safe position.

Funding Amount: $1,474,000.00
Subgrantee: Boston UASI
Grantee Type: Local Jurisdiction / Entity
Project Location: 02201

III.A - Project Alignment to Core Capability and Solution Areas - Project # 2

Primary Core Capability: Environmental Response/Health and Safety
Capability Building: Sustain
Deployable: Yes
Shareable: Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$.00	0%
Organization	$.00	0%

Equipment	$400,000.00	100%
Training	$.00	0%
Exercises	$.00	0%
Total	$400,000.00	100%

III.B - Project Baseline and Management - Project # 2

Project Management Step: Initiate
Project Start Date: JANUARY 2021
Project End Date: JUNE 2023
Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? Yes

Prior Year	Investment	Last Completed Milestone
2019	Strengthen CBRNE Detection, Response, and Decontamination Capabilities	Procurement

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$1,474,000.00

All of the requested funding must be associated with specific projects.

Project # 3

Project Information - Project # 3

Project Name: US&R Equipment

Project Description: The project addresses emerging threats by providing urban search & rescue (US&R) light medical equipment for EMS as well as a prime mover vehicle. In regards to EMS equipment: Consistent with the findings of the MBHS's THIRA, the EMS community has built a foundation for medical search and rescue, an instrumental asset for responding to and recovering from acts of terrorism. Identified gaps require additional investments for US&R training and equipment within the EMS community, preparing medical assets and building preparedness capabilities. Boston and the surrounding metro area encompass some of the nation¿s most significant targets for potential acts of terrorism. The historical significance of the region, the myriad of technological and bio-life science industries, the cluster of medical institutions and institutions of higher learning, all combine to create this vulnerability potential. The US&R Medical Unit is prepared to respond to acts of terrorism, ready to swiftly provide life-saving care in austere environments, including structural collapses. The cost is relatively low for the return on investment, where the team is readily available and equipped to respond to emergencies across the region. The project will serve as a measure to close the risk to human lives from terrorist attacks. It is an essential measure for mass casualty incident preparedness. Improvement can be measured through the readiness of the crew. This project is by its very nature collaborative, it is multi-jurisdictional and multi-disciplinary. This investment exhibits a collaboration of local governments, supporting regional collaboration. During a terrorist attack, individuals immediately in experiencing life-threatening danger, require an immediate local response. The next phase of the response would include state and subsequently federal assets. This is just one part of the broader national preparedness efforts. This project has been funded in the past and proven to be a worthy investment, supporting collaborative preparedness efforts. This funding will help the region sustain and expand upon prior investments. In regards to the prime mover: This project increases and streamlines the ability for the MBHSR US&R team to be able to respond to acts of terrorism, resulting in major collapse of structures or requiring a large scale search and rescue endeavor. This allows the team to more rapidly respond to a search and rescue event, with an increased capacity to transport needed equipment and personnel to the incident scene. Instead of purchasing an ¿off the shelf¿ rescue truck from a manufacturer, this vehicle is being custom built to maximize space within the vehicle, and is also markedly less expensive than the traditional ¿rescue Truck.¿ This replaces an aging and ill-suited vehicle currently in the system, reducing maintenance costs as well as the need to use additional vehicles to meet the transport needs of the search and rescue team, which should close the existing capability gap by 50%. That effect can be measured by seeing the increased capacity for carrying equipment and personnel, coupled with the reduced maintenance costs of maintaining the existing vehicle. As it pertains to collaboration, this supports the MBHSR US&R team, the only team comprised of personnel from all 9 jurisdictions within the MBHSR. Aside from being a fully regional asset, it also helps support search and rescue needs of neighboring jurisdictions outside of the UASI region, and is considered an asset for the Commonwealth of Massachusetts Search and Rescue Response. The original unit was purchased through UASI funds in 2009, and is being replaced because of age and poor design. The capability that the unit brings to the region is priceless, but the platform needs replacement.

Funding Amount: $1,474,000.00
Subgrantee: Boston UASI
Grantee Type: Local Jurisdiction / Entity
Project Location: 02201

III.A - Project Alignment to Core Capability and Solution Areas - Project # 3

Primary Core Capability: Mass Search and Rescue Operations
Capability Building: Sustain
Deployable: Yes
Shareable: Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$.00	0%
Organization	$.00	0%
Equipment	$460,000.00	100%
Training	$.00	0%

Exercises	$.00	0%
Total	$460,000.00	100%

III.B - Project Baseline and Management - Project # 3

Project Management Step: Initiate
Project Start Date: JANUARY 2021
Project End Date: JUNE 2023
Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? Yes

Prior Year	Investment	Last Completed Milestone
2019	**Strengthen CBRNE Detection, Response, and Decontamination Capabilities**	Procurement

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$1,474,000.00

All of the requested funding must be associated with specific projects.

Project # 4

Project Information - Project # 4

Project Name: Regional EOD/Canine Program Sustainability

Project Description: This project addresses emerging threats. The Metro-Boston Region¿s Explosives Odor Detection (EOD) Canine Program was first funded via UASI Grant Funding in FY2008. Presently 8 of the 9 MBHSR Member Police Departments field (EOD) Canines for a total of 41 EOD Canine Units within the Region. These EOD Canines are not only used in the Metro-Boston Region but also used extensively to respond to incidents potentially involving explosives occurring throughout the Commonwealth of Massachusetts. Having these EOD Canine Teams already fielded was critical for the Region to initially respond to and then rapidly recover from the terrorist bombing that occurred at the Boston Marathon on April 15th of 2013. These Regional EOD Canine Teams responded to hundreds of calls of suspicious packages reported by alarmed citizens for the week following this major terrorist incident, allowing for these incidents to be rapidly addressed and mitigated. Despite spending millions on research, the U.S. Department of Homeland Security has yet to identify any device that is even remotely as capable as a properly trained Explosives Odor Detection Canine¿s Nose, to detect the presence (or absence) of an explosive device. The initial UASI Grant Investment in FY2008 was approximately $975,000.00, with an additional investment of $900,000.00 in FY2014 in response to the Boston Marathon Bombing. Since FY2015, the Region¿s EOD Canine Program has been in sustainment mode costing on average between $120,000.00 ¿ $85,000.00 in UASI Grant Funding to replace dogs and equipment for the forty-one Regional EOD Canines. All operational costs such as mandated monthly training, veterinary costs, food, and vehicle fuel and maintenance are supported by the individual MBHS Police Departments not by the UASI Grant. The FY2020 UASI Grant Application is requesting $100,000.00 for purchase of replacement dogs and training equipment. The cost effectiveness of the EOD Canine Units has been proven over and over just in the response to incidents of suspicious packages that would have normally shut down facilities and public venues for extended periods waiting for Explosives Technicians to respond when not needed. The Regional EOD Canine Program has been cost effective and highly successful in all aspects. Continued funding of the EOD Program in the amount of $100,000.00 is critical for the Metro-Boston Law Enforcement Agencies to effectively protect citizens from acts of terrorism involving explosives. The (EOD) Canine Program has and continues to close a capabilities gap the Region was experiencing in providing protection to our citizens in large public venues. The Region¿s EOD Canines are used at both large and small-scale public events including: professional sporting events, political rallies, dignitary protection operations, parades, marathons, and similar public events. Most recently the Canines have been used to assist in the protection of religious institutions in response to the latest threats of terrorism identified by the U.S. Department of Homeland Security.   The formation of the EOD Canine Program has fostered coordinated agency response and collaboration both within the Metro-Boston Region and throughout the Commonwealth of Massachusetts. These Regional EOD Canine Teams are all trained at the Boston Police Department¿s Canine Academy to the standards promulgated by the U.S Bureau of Alcohol, Tobacco, Firearms and Explosives (USATF). All of the Metro-Boston¿s EOD Canine Teams are certified as Federal Resources available for deployment throughout the country. Federal, State, and Municipal Event Planning Officers factor in the availability of these Regional EOD Canine Teams to address Counter-Terrorism needs at large and small events. Continued funding of the EOD Program is critical for the Metro-Boston Law Enforcement Agencies to effectively and collectively protect citizens from acts of terrorism involving explosives throughout Commonwealth of Massachusetts.

Funding Amount: $1,474,000.00

Subgrantee: Boston UASI

Grantee Type: Local Jurisdiction / Entity

Project Location: 02201

III.A - Project Alignment to Core Capability and Solution Areas - Project # 4

Primary Core Capability: Interdiction and Disruption
Capability Building: Sustain
Deployable: Yes
Shareable: Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$.00	0%

Organization	$.00	0%
Equipment	$100,000.00	100%
Training	$.00	0%
Exercises	$.00	0%
Total	$100,000.00	100%

III.B - Project Baseline and Management - Project # 4

Project Management Step: Initiate
Project Start Date: JANUARY 2021
Project End Date: JUNE 2023
Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? Yes

Prior Year	Investment	Last Completed Milestone
2019	Strengthen CBRNE Detection, Response, and Decontamination Capabilities	Procurement

(End of Investment # 5.)

Investment #6

II.A Investment Name: Strengthen Medical Surge and Mass Prophylaxis Capabilities

II.B Investment Type: Standard Investment

I. Overview - Investment # 6

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$665,000.00

II.D - How much of this Investment will be obligated towards Law Enforcement Terrorism Prevention Activities (LETPA): $0.00

II.E - Describe the investment, specifically how it addresses gaps and/or sustainment in the Threat and Hazard Identification Risk Assessment (THIRA)/Stakeholder Preparedness Review (SPR):

The Medical Surge and Mass Prophylaxis Investment Area reflects a comprehensive approach to public health and medical services relating to public safety, emergency management, and homeland security. This area is covered under the Response and Recovery Mission Areas of the 2019 THIRA/SPR. The gaps/sustainments identified under the Public Health core capability, specifically under the Equipment portion of the POETE model, focused on the need for additional MCI resources (Regional MCI Equipment and First Responder Pharmaceuticals). The gaps/sustainments identified under the Health and Social Services Planning core capability, specifically under the Planning portion of the POETE model, focused on the need for planning around health and social service program resiliency (Health and Medical Mutual Aid Sustainment). The Medical Surge Subcommittee also identified areas of gaps and sustainment prior to the FY20 abstract process to better inform their FY20 investments. This was considered the beginning of the 2019 THIRA/SPR process. The areas identified in this process were MCI Equipment (Regional MCI Equipment and Patient Tracking) and Health and Social Service Planning (Health and Medical Mutual Aid Sustainment).

II. Project Management - Investment # 6

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$665,000.00

All of the requested funding must be associated with specific projects.

Project # 1

Project Information - Project # 1

Project Name: First Responder Pharmaceuticals/PPE Cache
Project Description: This project addresses emerging threats. This multi-faceted project is focused on responder health (prophylaxis), building upon the first responder pharmaceutical project, and expanding it to include safety (personal protection). Dedicated pharmaceutical stockpiles are needed to ensure no illness or injury to any first responders or other skilled support personnel in the field, as a result of preventable exposure to secondary trauma, chemical/radiological release, or infectious disease. Pharmaceutical PPE caches ensure first responders going into harm¿s way are kept protected. Similarly, with acts of terrorism, during mass casualty incidents involving chemical, biological, radiological, nuclear or explosive devices, it is imperative that not only antidotes, but personal protective equipment be available to rapidly protect first responders, including public health and EMS, from biological and chemical threats. Protecting first responders and first receivers is imperative for responding to any act of terrorism. The ability of public safety personnel to respond to a terrorist attack is contingent upon them being safe and well. The impact of an attack is mitigated through efforts such as this to protect them. The return on investment for protecting those whose job it is to protect the public, is exceptionally high, should they there ever be an occasion to use them. During the response to COVID-19 the value in the investment in personal protective equipment for first responders and first receivers was seen each day. Within the mission area of Response, this investment supports first responder health and safety , as well as minimizing exposures to hazards. This is a sustainment of an ongoing investment, with the enhancement to include PPE. It overcomes impediments to collaboration by having a cache available to regional partners, it supports a shared interest so support first responders. This project has been identified as a priority investment each year. Funding will allow for sustainment and expanding to include personal protective equipment, which has been found to be vital in the response to COVID-19.
Funding Amount: $665,000.00
Subgrantee: Boston UASI
Grantee Type: Local Jurisdiction / Entity
Project Location: 02201

III.A - Project Alignment to Core Capability and Solution Areas - Project # 1

Primary Core Capability: Public Health, Healthcare, and Emergency Medical Services
Capability Building: Sustain
Deployable: Yes
Shareable: Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$.00	0%
Organization	$.00	0%
Equipment	$300,000.00	100%
Training	$.00	0%
Exercises	$.00	0%
Total	$300,000.00	100%

III.B - Project Baseline and Management - Project # 1

Project Management Step: Initiate
Project Start Date: JANUARY 2021
Project End Date: JUNE 2023
Does this project require new construction, renovation, retrofitting or modifications of existing structure? No

Supports Previous Awarded Investment? Yes

Prior Year	Investment	Last Completed Milestone
2019	Enhance Regional Planning, Preparedness and Resilience, including the Whole Community	Procurement

II. Project Management - Investment # 6

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$665,000.00

All of the requested funding must be associated with specific projects.

Project # 2

Project Information - Project # 2

Project Name: Regional MCI Equipment
Project Description: This project addresses emerging threats. Through the evolution of a concentrated effort to standardize preparedness and response operations for regional emergency medical services to address emerging threats, our UASI mission focus is to building upon capabilities identified in the City of Boston¿s Threat Hazard Identification and Risk Assessment (THIRA) which determined the need for additional investment in emergency medical supplies and resources to prepare for and respond to incidents, such as explosions, which result in mass casualties. To further enhance the overall EMS system readiness, being inclusive of lessons learned from the Boston Marathon bombings and recent department wide active shooter trainings, as well as the evolving COVID-19 response, Boston EMS is committed to investing in standardized medical equipment and supplies for treatment and transport. In line with MBHSR overarching strategy to reduce loss of life from all hazards, including acts of terrorism, this investment will address the need for consistent and standardized practice allowing for mutually applicable resources for a response across jurisdictional lines. These resources will include items for mass care from point of care through arrival at the receiving facilities. This project helps the region prepare for and respond to acts of terrorism, through ensuring a coordinated regional response to maximizing survival. A more prepared pre-hospital system mitigates the risk to lives after a terrorist attack. With the Emerging Threats & Soft Targets/Crowded Places priority area, this project ensures pre-hospital providers are prepared to provide coordinated patient care. Through regional standardization and as a regional asset, this project not only supports collaboration, it ensures it. Investments such as this ensure necessary actions are taken in the immediate aftermath of a terrorist attack before state and federal resources are made available. Additionally, it supports collaboration with regional partners. It has been funded in the past and the equipment purchased through this investment proved valuable for the response to the Boston Bombings and now the COVID-19 response. Boston EMS will replace and expand upon existing investments, adding lessons learned from COVID-19.
Funding Amount: $665,000.00
Subgrantee: Boston UASI
Grantee Type: Local Jurisdiction / Entity
Project Location: 02201

III.A - Project Alignment to Core Capability and Solution Areas - Project # 2

Primary Core Capability: Public Health, Healthcare, and Emergency Medical Services
Capability Building: Sustain
Deployable: Yes
Shareable: Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$.00	0%
Organization	$.00	0%
Equipment	$300,000.00	100%
Training	$.00	0%
Exercises	$.00	0%
Total	$300,000.00	100%

III.B - Project Baseline and Management - Project # 2

Project Management Step: Initiate
Project Start Date: JANUARY 2021
Project End Date: JUNE 2023

Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? Yes

Prior Year	Investment	Last Completed Milestone
2019	Strengthen Medical Surge and Mass Prophylaxis Capabiltiies	Procurement

II. Project Management - Investment # 6

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$665,000.00

All of the requested funding must be associated with specific projects.

Project # 3

Project Information - Project # 3

Project Name: Health and Medical Mutual Aid Sustainment
Project Description: This project addresses emerging threats. The Massachusetts Mutual Aid Plan (MassMAP) serves a critical role in the MBHSR¿s healthcare system-wide planning and response. MassMAP is a mutual aid plan with an accompanying web-based data collection tool that allows for rapid reporting of long term care and community health center facility status, resource needs and transportation needs during disasters. These facilities serve some our region¿s most medically vulnerable populations. MBHSR healthcare and public safety disciplines have been trained and currently utilize the system in their preparedness, response and recovery plans. This project will enhance the public health and medical response to the impacts of terrorism by continuing to support the region¿s mechanism for facilitating mutual aid coordination amongst response partners in the MBHSR. Funds will support the annual MassMAP service continuation fees, which includes training, facility point of contact outreach and updating, and technical assistance for all end users as well as further integration of the system in MBHSR response plans. These services maintain a culture of preparedness within participating healthcare facilities, through continual and ongoing support. This system is used consistently and was most recently used during the ongoing COVID-19 response as well as winter storms to proactively reach out to all MBHSR facilities to determine their impacts, a crucial best practice learned from the tragedies at long term care facilities across the nation. In addition, the system has proven to facilitate mutual aid coordination among the many long term care and community health care facilities.
Funding Amount: $665,000.00
Subgrantee: Boston UASI
Grantee Type: Local Jurisdiction / Entity
Project Location: 02201

III.A - Project Alignment to Core Capability and Solution Areas - Project # 3

Primary Core Capability: Public Health, Healthcare, and Emergency Medical Services
Capability Building: Sustain
Deployable: Yes
Shareable: No

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$.00	0%
Organization	$.00	0%
Equipment	$65,000.00	100%
Training	$.00	0%
Exercises	$.00	0%
Total	$65,000.00	100%

III.B - Project Baseline and Management - Project # 3

Project Management Step: Initiate
Project Start Date: JANUARY 2021
Project End Date: JUNE 2023
Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? Yes

Prior Year	Investment	Last Completed Milestone

(End of Investment # 6.)

Investment #7

II.A Investment Name: Enhance Regional Planning, Preparedness and Resilience, including the Whole Community

II.B Investment Type: Standard Investment

I. Overview - Investment # 7

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$1,935,000.00

II.D - How much of this Investment will be obligated towards Law Enforcement Terrorism Prevention Activities (LETPA): $200,000.00

II.E - Describe the investment, specifically how it addresses gaps and/or sustainment in the Threat and Hazard Identification Risk Assessment (THIRA)/Stakeholder Preparedness Review (SPR):

The Planning, Preparedness, and Resilience Investment Area encompasses comprehensive, all-hazards planning, preparedness, and resilience initiatives. This area is covered under the Overarching, Response and Recovery Mission Areas of the 2019 THIRA/SPR. Areas that were identified as needing to be built/sustained under the Planning core capability, specifically under the Planning and Organization portions of the POETE model, were the updating of the Comprehensive Emergency Management Program¿s for several of the jurisdictions (EM Planning) and build out recovery planning (Supply Chain Resiliency). The Planning and Community Preparedness Subcommittee also identified areas of gaps and sustainment prior to the FY20 abstract process to better inform their FY20 investments. This was considered the beginning of the 2019 THIRA/SPR process. Two areas identified in this process were Public Awareness, Engagement, and/or Education (Stop the Bleed) and Training (Regional Training & Exercise).

II. Project Management - Investment # 7

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$1,935,000.00

All of the requested funding must be associated with specific projects.

Project # 1

Project Information - Project # 1

Project Name: Regional Training & Exercise Program
Project Description: This project addresses emerging threats. Training and Exercise grant funds will be used to address current gaps that were outlined across core capabilities from the 2019 THIRA/SPR. These gaps were identified in After Action Reports and Improvement Plans from real-world events and exercises utilizing equipment purchased within the grant. This project will support multi-agency training opportunities, as well as inter-agency cooperation within the MBHSR. Training will also serve to identify future areas of investment with regard to regional capabilities. The regional training and exercise program addresses the operational coordination core capability outlined by FEMA, and will be used to address training and exercise gaps identified in 30 of the 32 core capabilities. It could also be used to plan and execute Regional training exercises.
Funding Amount: $1,935,000.00
Subgrantee: Boston UASI
Grantee Type: Local Jurisdiction / Entity
Project Location: 02128

III.A - Project Alignment to Core Capability and Solution Areas - Project # 1

Primary Core Capability: Planning
Capability Building: Sustain
Deployable: No
Shareable: No

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$.00	0%
Organization	$.00	0%
Equipment	$.00	0%
Training	$637,500.00	75%
Exercises	$212,500.00	25%
Total	$850,000.00	100%

III.B - Project Baseline and Management - Project # 1

Project Management Step: Initiate
Project Start Date: JANUARY 2021
Project End Date: JUNE 2023
Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? Yes

Prior Year	Investment	Last Completed Milestone
2018	Enhance Regional Planning, Preparedness and Resilience, including the Whole Community	Procurement

II. Project Management - Investment # 7

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$1,935,000.00

All of the requested funding must be associated with specific projects.

Project # 2

Project Information - Project # 2

Project Name: Emergency Management Planning
Project Description: This project includes the salary costs associated with the Emergency Management Planning staff who are charged with the responsibility of executing special projects and developing plans related to emergency management, training an exercise, continuity of operations, resource logistics planning and geographical information systems.
Funding Amount: $1,935,000.00
Subgrantee: Boston UASI
Grantee Type: Local Jurisdiction / Entity
Project Location: 02128

III.A - Project Alignment to Core Capability and Solution Areas - Project # 2

Primary Core Capability: Planning
Capability Building: Sustain
Deployable: No
Shareable: No

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$.00	0%
Organization	$800,000.00	100%
Equipment	$.00	0%
Training	$.00	0%
Exercises	$.00	0%
Total	$800,000.00	100%

III.B - Project Baseline and Management - Project # 2

Project Management Step: Initiate
Project Start Date: JANUARY 2021
Project End Date: JUNE 2023
Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? Yes

Prior Year	Investment	Last Completed Milestone
2019	Enhance Regional Planning, Preparedness and Resilience, including the Whole Community	Procurement

II. Project Management - Investment # 7

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$1,935,000.00

All of the requested funding must be associated with specific projects.

Project # 3

Project Information - Project # 3

Project Name: Community Preparedness Initiatives
Project Description: This project continues to support the publication of educational materials, procurement of community preparedness materials and messaging services. It aims to inform, engage and mobilize the whole community in a way that enhances the region's preparedness and whole community. At community events, first responders and Emergency Management staff can engage with local residents over matters of emergency preparedness with the assistance of items such as Emergency Go Kits and associated materials, flashlights, waterproof document bags, hand sanitizer, and other educational or emergency response items.
Funding Amount: $1,935,000.00
Subgrantee: Boston UASI
Grantee Type: Local Jurisdiction / Entity
Project Location: 02201

III.A - Project Alignment to Core Capability and Solution Areas - Project # 3

Primary Core Capability: Community Resilience
Capability Building: Sustain
Deployable: No
Shareable: Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$.00	0%
Organization	$.00	0%
Equipment	$50,000.00	100%
Training	$.00	0%
Exercises	$.00	0%
Total	$50,000.00	100%

III.B - Project Baseline and Management - Project # 3

Project Management Step: Initiate
Project Start Date: JANUARY 2021
Project End Date: JUNE 2023
Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? Yes

Prior Year	Investment	Last Completed Milestone
2018	Enhance Regional Planning, Preparedness and Resilience, including the Whole Community	Procurement

II. Project Management - Investment # 7

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$1,935,000.00

All of the requested funding must be associated with specific projects.

Project # 4

Project Information - Project # 4

Project Name: Stop the Bleed Program
Project Description: This project addresses emerging threats. Stop the Bleed, a national campaign & call-to-action, was introduced by the DHS with the hopes of cultivating local efforts to inspire bystanders to become trained to help in a bleeding emergency before professional help arrives. Boston EMS is proposing an appropriation for a Stop the Bleed program for the Metro Boston area. The investment would include personnel, equipment and medical supply cost. This 18-month endeavor, would focus on community outreach, education and training at government and public buildings (ie: libraries, community centers, schools, etc). Boston EMS possesses the knowledge base and experience to proficiently deliver this type of training. In addition, Boston EMS will work to support other cities and towns in the region who are interested in implementing a similar program. No matter how fast EMS, Fire or Police arrive, bystanders will likely be first on the scene. A person who is bleeding can die from blood loss within five minutes, it is imperative that we empower the public with the knowledge to quickly stop blood loss. Those nearest to someone with life threatening injuries are positioned to provide first aid.
Funding Amount: $1,935,000.00
Subgrantee: Boston UASI
Grantee Type: Local Jurisdiction / Entity
Project Location: 02201

III.A - Project Alignment to Core Capability and Solution Areas - Project # 4

Primary Core Capability: Public Health, Healthcare, and Emergency Medical Services
Capability Building: Sustain
Deployable: Yes
Shareable: Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$.00	0%
Organization	$.00	0%
Equipment	$150,000.00	100%
Training	$.00	0%
Exercises	$.00	0%
Total	$150,000.00	100%

III.B - Project Baseline and Management - Project # 4

Project Management Step: Initiate
Project Start Date: JANUARY 2021
Project End Date: JUNE 2023
Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? Yes

Prior Year	Investment	Last Completed Milestone
2019	Enhance Regional Planning, Preparedness and Resilience, including the Whole Community	Procurement

II. Project Management - Investment # 7

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$1,935,000.00

All of the requested funding must be associated with specific projects.

Project # 5

Project Information - Project # 5

Project Name: Social Service Resiliency Program
Project Description: This project will enhance the region¿s ability to provide human/social services during the recovery phase of an emergency, especially to CBO¿s that serve populations with demonstrated social vulnerability. There was a significant community need for services following the 2013 Boston Marathon terrorist attack, and this would be the case following any act of terrorism. Funding will support the continued identification of CBOs that would benefit from support with COOP planning and technical assistance. Funds will also support the reproduction of training materials to be distributed to partner organizations. By creating content and materials that are developed in partnership with community based organizations, the region will continue to enhance credibility with partners, and create more resilient organizations that can continue to provide essential social services before and after emergencies. This project will address an identified capability gap in the area of disaster recovery, particularly Health and Social Services. Human services and social services organizations are a critical component of community recovery, providing critical support for residents following an act of terror. Most of these organizations have little, if any, plans in place to ensure that they can continue to provide essential services when their clients, staff, facilities, and/or finances are impacted in the aftermath of an act of terror. This project will directly address this capability gap by increasing knowledge of emergency management practices, developing COOP plans for the organizations, and establishing a support network for the organizations for continual improvement after the completion of the project. By establishing collaboration through an ongoing support network, we can expect that collaboration during and after a large-scale emergency will be enhanced. One key outcome of this project is to establish a support network for community organizations in regards to emergency planning, response, and recovery. This network currently exists informally, or through networks not directly related to emergency preparedness. This project was initially executed in FFY18. Participants from social service organizations who attended the training provided overwhelmingly positive feedback. However, there were challenges encountered in engaging with partner organizations across all MBHSR jurisdictions, and in maintaining engagement with the organizations throughout the life of the project. his need was identified as an ongoing key priority for sustainment by the Planning and Community Preparedness Subcommittee. This project will build on learning from executing a similar project in FFY18. In particular, the FFY20 project will draw from lessons learned including insights gained on how to better engage with social service organizations.
Funding Amount: $1,935,000.00
Subgrantee: Boston UASI
Grantee Type: Local Jurisdiction / Entity
Project Location: 02201

III.A - Project Alignment to Core Capability and Solution Areas - Project # 5

Primary Core Capability: Health and Social Services
Capability Building: Sustain
Deployable: No
Shareable: No

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$50,000.00	100%
Organization	$.00	0%
Equipment	$.00	0%
Training	$.00	0%
Exercises	$.00	0%
Total	$50,000.00	100%

III.B - Project Baseline and Management - Project # 5

Project Management Step: Initiate
Project Start Date: JANUARY 2021
Project End Date: JUNE 2023
Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? Yes

Prior Year	Investment	Last Completed Milestone
2018	Enhance Regional Planning, Preparedness and Resilience, including the Whole Community	Procurement

II. Project Management - Investment # 7

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$1,935,000.00

All of the requested funding must be associated with specific projects.

Project # 6

Project Information - Project # 6

Project Name: Supply Chain Resiliency
Project Description: This project will study MBHSR Supply Chain and identify gaps prior to an incident. Research, mapping, analysis, and stakeholder outreach will identify and prioritize current issues, chokepoints, and single points of failure within our supply chain; lessening the impact of a disruption. Our Supply Chain¿s resilience is more important with the growing concerns of emerging health threats. The 2019 SPR identified gaps under the Supply Chain Integrity & Security core capability stating that the region ¿...has no comprehensive analysis of supply chain dependencies.¿ An identified way to close this gap was to engage in ¿...workshops, meetings with private sector stakeholders to assess specific supply chain dependencies¿ which will be directly addressed through this project. Through a Federal Technical Assistance Program, OEM has access to guidance documents, additional considerations, and information collected by other urban areas that prove the Technical Assistance model is executable and successful. The MBHSR project will focus on partnering with an area University with Supply Chain Management programs. The intent is to hire graduate student interns to conduct the research and analysis This Supply Chain Analysis will focus on research, mapping, analysis, and stakeholder outreach throughout the whole MBHSR.
Funding Amount: $1,935,000.00
Subgrantee: Boston UASI
Grantee Type: Local Jurisdiction / Entity
Project Location: 02201

III.A - Project Alignment to Core Capability and Solution Areas - Project # 6

Primary Core Capability: Supply Chain Integrity and Security
Capability Building: Build
Deployable: No
Shareable: No

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$35,000.00	100%
Organization	$.00	0%
Equipment	$.00	0%
Training	$.00	0%
Exercises	$.00	0%
Total	$35,000.00	100%

III.B - Project Baseline and Management - Project # 6

Project Management Step: Initiate
Project Start Date: JANUARY 2021
Project End Date: JUNE 2023
Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? No

(End of Investment # 7.)

Investment #8

II.A Investment Name: Strengthen Cyer Security Capabilities

II.B Investment Type: Consolidated Cybersecurity Investment

I. Overview - Investment # 8

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$865,000.00

II.D - How much of this Investment will be obligated towards Law Enforcement Terrorism Prevention Activities (LETPA): $216,250.00

II.E - Describe the investment, specifically how it addresses gaps and/or sustainment in the Threat and Hazard Identification Risk Assessment (THIRA)/Stakeholder Preparedness Review (SPR):

The 2018 National Preparedness Report has several key findings under the Cybersecurity core capability that identify gaps in this investment area: 1. Evolving cyber threats continue to outpace the development of protective practices; at the same time, technology users often fail to implement precautionary measures to safeguard their cyber systems. 2. Insufficient information sharing between the public and private sectors has hindered the Nation¿s effectiveness in defending against cyber threats. 3.The Federal Government faces persistent challenges in the recruitment and retention of cybersecurity personnel, though it has taken steps to improve cybersecurity training for the Nation. All three of these key findings are gaps that will be addressed with the Cybersecurity Initiatives investment project.

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$865,000.00

All of the requested funding must be associated with specific projects.

Project # 1

Project Information - Project # 1

Project Name: Cybersecurity Initiatives
Project Description: This project consists of several Regional efforts to develop and strengthen the MBHSR's cybersecurity. This project will enhance our cyber security capabilities through the creation of a cyber security intelligence analyst position at the Boston Regional Intelligence Center. This position will inform and drive the administration of defensive security measures, identify emerging trends that require training and technology to augment defensive measures, and collect and analyze locally-generated data to drive investigations into illicit actors, in coordination with local, state, Federal and private sector stakeholders. It will also include funding for a MBHSR Cyber Security Liaison. The Liaison will build a working relationship with all 9 UASI cities/towns, document Cyber Security deficiencies for each city/town and assist with the implementation of a Cyber Security Awareness & Training program for each municipality. The City of Boston is the only municipality in the UASI region with full time information security staff. By funding the MBHSR Cyber Security Liaison, all 9 cities/towns in the region will gain an employee dedicated to improving the security posture of their respective city/town and the entire region. By applying the 5 pillars of the NIST Cybersecurity Framework (i.e Identify, Protect, Detect, Respond, and Recover) to the Region¿s critical cyber infrastructure, this position will strengthen the Region¿s ability to prevent, prepare for, respond to, recover from, and/or mitigate acts of terrorism. An assessment for the entire region identified that Cyber Security Training is a gap area for the majority of the municipalities in the region. Additionally, during the Cyber Security Roundtable (attended by 8 or the 9 municipalities) all communities expressed a need for funding to establish this program. This would provide general security awareness training for the approx. 13,000 employees in the MBHSR. In 2018 the cyber security training program was licensed for all 8 municipalities for 3 years. In 2022 the renewal for this service will be up and the region will either need to evaluate a new set of vendors or renew the existing service. Without this funding it is likely that many of the municipalities will be unable to afford the training on their own. This project also would fund a network cyber assessment for PSnet. This project reduces overall risk to the region as this assessment will reveal potential vulnerable areas that the region can incorporate in to their public safety network improvement implementation plan. In order to be cost effective, this assessment will focus on firewalls and routers which are the key critical components of the MBHSR regional network. The goal of this assessment is to highlight capability gaps and make recommendations for best practices. The estimated improvement will be evident by the reduction in areas potentially vulnerable to cyber attack. We can measure the improvements based on the recommendations implemented. This project enables regional collaboration through strategic decision making on assessing levels of vulnerabilities and implementing effective solutions. This is a new project request. It is expected to be successful as it will follow the proven process used by the City¿s Department of Innovation & Technology Cyber Security Division on the City¿s network. As PSnet uses the City¿s network in multiple locations, this will continue the effort of threat prevention and cybersecurity resiliency. This project also could fund cyber security application that identifies and blocks threats. Such a software solution would connect traditionally disparate security solutions into a unified framework, allowing them to dynamically adapt to evolving IT infrastructure in order to defend its rapidly changing attack surface by eliminating a variety cyber security threats. This solution will enable all nine cities in the UASI to learn from each other in real-time.
Funding Amount: $865,000.00
Subgrantee: Boston UASI
Grantee Type: Local Jurisdiction / Entity
Project Location: 02201

III.A - Project Alignment to Core Capability and Solution Areas - Project # 1

Primary Core Capability: Cybersecurity
Capability Building: Sustain
Deployable: No
Shareable: No

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$40,000.00	4.62%
Organization	$430,000.00	49.71%
Equipment	$245,000.00	28.32%

Training	$150,000.00	17.34%
Exercises	$.00	0%
Total	$865,000.00	100%

III.B - Project Baseline and Management - Project # 1

Project Management Step: Initiate
Project Start Date: JANUARY 2021
Project End Date: JUNE 2023
Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? Yes

Prior Year	Investment	Last Completed Milestone
2019	Cyber Security	Procurement

(End of Investment # 8.)

Investment #9

II.A Investment Name: SAA-EOPSS Projects and Support

II.B Investment Type: Standard Investment

I. Overview - Investment # 9

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$3,380,000.00

II.D - How much of this Investment will be obligated towards Law Enforcement Terrorism Prevention Activities (LETPA): $900,000.00

II.E - Describe the investment, specifically how it addresses gaps and/or sustainment in the Threat and Hazard Identification Risk Assessment (THIRA)/Stakeholder Preparedness Review (SPR):

In the past 10 years Massachusetts experienced may natural and man-made disasters that resulted in Presidential emergency or disaster declarations, and/or the Governor's declaration of a State of Emergency. These incidents exemplify some of the threats and hazards that the commonwealth is vulnerable to including: natural gas explosion, blizzards, tropical storms/hurricanes, tornados, flooding, catastrophic water system failure, and the Boston Marathon terrorist attack. With help from Homeland Security Grant Program, Massachusetts is able to build and sustain capabilities that allow for prevention, protection, mitigation, response, and recovery from these and other events. The entire Massachusetts community is better coordinated across disciplines and jurisdictional boundaries because of the statewide homeland security program that provides a framework for regular stakeholder meetings and promotes cross discipline and cross jurisdictional coordination. As a home-rule state with 351 municipalities and no county level government or services, the regional councils and working groups provide the catalyst for these coordination gains. The THIRA and SPR process also helps stakeholders identify areas in need of on-going support or emerging issues in need of newly developed capabilities. Massachusetts plans to focus on priority areas as highlighted in the THIRA, such as active shooter, complex coordinated attacks and enhancing interoperable communications and cyber security. More evident than in any other year, cyber security is now one of the highest priorities for Massachusetts, with several projects proposed to strengthen this capability. Three years ago the Commonwealth established a cyber working group and is still committed to developing and implementing a statewide program, state Agency projects went selected from our posted Notice of Funding Opportunity (NOFO) the Massachusetts Executive Office of Public Safety and Security (EOPSS), Office of Grants and Research (OGR), Homeland Security Division (HLS) requested and accepted State-Share Applications from eligible applicants for Federal Fiscal year 2020 (FFY2020) Homeland Security Grant Program. These projects will touch on our state priorities as follow: Active Shooter / Large Venues; Cyber Security, Emerging Threats and Emergency Communications.

II. Project Management - Investment # 9

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$3,380,000.00

All of the requested funding must be associated with specific projects.

Project # 1

Project Information - Project # 1

Project Name: Cyber Security Advisor
Project Description: funding to support Commonwealth's Cyber Security Advisory salary, benefits, travel and supplies
Funding Amount: $3,380,000.00
Subgrantee: Executive Office of Public Safety and Security
Grantee Type: SAA/DTG
Project Location: 02116

III.A - Project Alignment to Core Capability and Solution Areas - Project # 1

Primary Core Capability: Cybersecurity
Capability Building: Sustain
Deployable: No
Shareable: No

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$.00	0%
Organization	$244,425.00	100%
Equipment	$.00	0%
Training	$.00	0%
Exercises	$.00	0%
Total	$244,425.00	100%

III.B - Project Baseline and Management - Project # 1

Project Management Step: Initiate
Project Start Date: SEPTEMBER 2020
Project End Date: JUNE 2022
Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? Yes

Prior Year	Investment	Last Completed Milestone
2019	SAA - EOPSS Projects and Support	In progress

II. Project Management - Investment # 9

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$3,380,000.00

All of the requested funding must be associated with specific projects.

Project # 2

Project Information - Project # 2

Project Name: EOPSS Satellite Phones
Project Description: Funding to procure/maintain EOPSS Leadership emergency communication equipment
Funding Amount: $3,380,000.00
Subgrantee: Executive Office of Public Safety and Security
Grantee Type: SAA/DTG
Project Location: 02116

III.A - Project Alignment to Core Capability and Solution Areas - Project # 2

Primary Core Capability: Operational Communications
Capability Building: Sustain
Deployable: No
Shareable: No

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$.00	0%
Organization	$16,000.00	100%
Equipment	$.00	0%
Training	$.00	0%
Exercises	$.00	0%
Total	$16,000.00	100%

III.B - Project Baseline and Management - Project # 2

Project Management Step: Initiate
Project Start Date: SEPTEMBER 2020
Project End Date: JUNE 2022
Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? Yes

Prior Year	Investment	Last Completed Milestone
2019	SAA - EOPSS Projects and Support	In progress

II. Project Management - Investment # 9

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$3,380,000.00

All of the requested funding must be associated with specific projects.

Project # 3

Project Information - Project # 3

Project Name: Emergency Preparedness for Persons with Disabilities
Project Description: The Emergency Preparedness Program for Persons with Disabilities is poised to enter its thirteenth year of existence. Along with the hiring of an energized, full time program coordinator in 2016, the program has continued to grow in stature in both the public safety and disability communities positively influencing various communities throughout the Commonwealth. This grant request would allow the coordinator to maintain his aggressive statewide training schedule. The current mandate of the program is to continue the geographical focus of conducting trainings, not only outside the Greater Boston Area, but as much as possible into Western Massachusetts. We also continue to work hard on community outreach where the trainings are held. To seek out the input, not only of the local Emergency ManagementDirector, but also that of the local police and fire departments and the local public health agency. The goal continues to be to increase the presence of first responders at these training sessions, not only as invited guests, but as active contributors and allowing them a platform to connect with their residents. There has been success too! Since bringing on a full time program coordinator, we have averaged a 306% increase of first responder participation compared to just 15 first responders back in 2015. Therefore, the Massachusetts Office on Disability will use the funding to: 1) to purchase 1 ,000 streamlined disaster supply backpack kits to ensure each person with a disability attending an emergency preparedness meeting will receive a kit; 2) to manage the associated costs of conducting approximately 30 meetings across the Commonwealth for local Commissions on Disability, various groups of people with disabilities, state, local emergencyplanners and first responders; 3) to extend the program coordinator¿s current contract one year through June 2022.
Funding Amount: $3,380,000.00
Subgrantee: Executive Office of Public Safety and Security
Grantee Type: SAA/DTG
Project Location: 02116

III.A - Project Alignment to Core Capability and Solution Areas - Project # 3

Primary Core Capability: Community Resilience
Capability Building: Sustain
Deployable: No
Shareable: No

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$.00	0%
Organization	$81,700.00	65.1%
Equipment	$41,000.00	32.67%
Training	$2,800.00	2.23%
Exercises	$.00	0%
Total	$125,500.00	100%

III.B - Project Baseline and Management - Project # 3

Project Management Step: Initiate
Project Start Date: SEPTEMBER 2020
Project End Date: JUNE 2022
Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? Yes

Prior Year	Investment	Last Completed Milestone
2019	SAA - EOPSS Projects and Support	In progress

II. Project Management - Investment # 9

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$3,380,000.00

All of the requested funding must be associated with specific projects.

Project # 4

Project Information - Project # 4

Project Name: MSP-Commonwealth Critical Infrastructure Program
Project Description: The Commonwealth Critical Infrastructure Program (CCIP) was developed by the Executive Office of Public Safety and Security (EOPSS) to lead the critical infrastructure protection mission in Massachusetts. It achievesthis mission through a multi-tiered approach to (1) identifying, (2) prioritizing, and (3) protecting critical infrastructure in the Commonwealth. Cybersecurity is one of the biggestthreats to critical infrastructure. Therefore, the CCIP works hand in hand with the Massachusetts Cybersecurity Program (MCP) which is also a fusion center program. The proposed project will allow CCIP to obtain subscription services which can be used to: perform malware analysis on files recovered during incident response or submitted for analysis; search for leaked/stolen credentials for threat & vulnerability assessments; analyze & research email addresses, domains, URLs, IPs, CIDRs, Bitcoin addresses and IPFS hashes; assess vulnerability risk scores and identify, monitor, and alerts on network vulnerabilities; and visualize the data. CCIP will continue meeting the Commonwealth's needs in critical infrastructure protection by sustaining and improving intelligence analysis and information sharing efforts through increased training and the development of subject matter experts in the areas of critical infrastructure protection and cybersecurity. An audit of the CFC by the Office of the State Auditor determined that stakeholders would like to receive more outreach from the CFC. To that end, the CCIP will host four day-long stakeholder conferences during the grant¿s period of performance to coordinate with critical infrastructure partners, share threat information, and identify information needs. One conference will focus on School Safety and Security and another on Faith-Based Safety and Security. Both of these communities have been and continue to be the target of numerous attacks with varying motives. Conferences may focus on topics such as reporting suspicious activity to try and prevent and attack as well as information on bomb threat response procedures and active shooter protocols. Recent attacks have shown a continued interest by threat actors in targeting large venues or gatherings such as those identified by CCIP during the DHS special event data call that CCIP facilitates each year. A third conference will focus on large venue safety and security and will incorporate threat and vulnerability information unique to large venues and soft targets. A fourth conference will be a joint CCIP, MCP and Commonwealth Fusion Center (CFC) conference which will highlight the CCIP, MCP and CFC programs and resources and provide an opportunity for collaboration as well as a current threat briefing.
Funding Amount: $3,380,000.00
Subgrantee: Massachusetts State Police
Grantee Type: Other State Agency (Non-SAA)
Project Location: 01720

III.A - Project Alignment to Core Capability and Solution Areas - Project # 4

Primary Core Capability: Intelligence and Information Sharing
Capability Building: Sustain
Deployable: No
Shareable: No

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$.00	0%
Organization	$37,000.00	18.5%
Equipment	$.00	0%
Training	$163,000.00	81.5%
Exercises	$.00	0%
Total	$200,000.00	100%

III.B - Project Baseline and Management - Project # 4

Project Management Step: Initiate
Project Start Date: SEPTEMBER 2020
Project End Date: JUNE 2022
Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? Yes

Prior Year	Investment	Last Completed Milestone
2019	State Share Projects	In progress

II. Project Management - Investment # 9

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$3,380,000.00

All of the requested funding must be associated with specific projects.

Project # 5

Project Information - Project # 5

Project Name: Statewide Interoperability Coordinator (SWIC)
Project Description: The Statewide Interoperability Coordinator clearly communicatea within and across disciplines and jurisdictions. Without reliable communications, effective and safe operational coordination is not possible. Rated as a high priority in the SPR, the Commonwealth continues to dedicate funding to this area as a means to sustain and build upon public safety communication investments by shoring up aging infrastructure, connecting disparate systems, closing coverage gaps and training personnel in the use and protocols related to these integrated networks. Essential to sustaining the capability is the State-wide Interoperability Coordinator (SWIC). The SWIC oversees the daily operation of the state¿s interoperability efforts, coordinates interoperability and communications projects, assembles working groups to develop and implement key initiatives, and updating and implementing the Statewide Communication Interoperability Plan.
Funding Amount: $3,380,000.00
Subgrantee: Executive Office of Public Safety and Security
Grantee Type: SAA/DTG
Project Location: 02116

III.A - Project Alignment to Core Capability and Solution Areas - Project # 5

Primary Core Capability: Operational Communications
Capability Building: Sustain
Deployable: No
Shareable: No

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$.00	0%
Organization	$80,530.00	100%
Equipment	$.00	0%
Training	$.00	0%
Exercises	$.00	0%
Total	$80,530.00	100%

III.B - Project Baseline and Management - Project # 5

Project Management Step: Initiate
Project Start Date: SEPTEMBER 2020
Project End Date: JUNE 2022
Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? Yes

Prior Year	Investment	Last Completed Milestone
2019	SAA - EOPSS Projects and Support	In progress

II. Project Management - Investment # 9

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$3,380,000.00

All of the requested funding must be associated with specific projects.

Project # 6

Project Information - Project # 6

Project Name: DFS Incident Support Trailer
Project Description: This project will be the purchase of a 25¿ Incident Support Trailer (IST). The trailer will be used to support unified command activities at all Department of Fire Services (DFS) Special Operations Unit deployments. These deployments include emergency responses and planned events in support of police, fire, EMS, and public works departments at the local level, as well as state hazmat team, regional technical rescue team, and State Police Fire and Explosion Investigation Unit activities. The IST will primarily consist of a large conference room table with 2-4 small work stations oneither side. The IST will have radio consolettes and supporting infrastructure and will also have a mast camera for monitoring activity near the trailer, a reliable internet system for command staff to access, and video monitors to allow for exterior feeds such as a drop from a local municipality or a feed from a remote camera system or drone. The Special Operations Unit was formed in 1999 with the mission of delivering exceptional operational support to fire departments within the Commonwealth of Massachusetts by providing professional, efficient, and high quality support services to local incident commanders in a timelymanner. As this mission has evolved, the unit has developed the ability to provide support for incident communications, hazardous materials identification and mitigation, first responder rehab, and incident action planning. All of the resources provided to municipalities in support of these activities are delivered at no cost to the community.
Funding Amount: $3,380,000.00
Subgrantee: Department of Fire Services
Grantee Type: Other State Agency (Non-SAA)
Project Location: 01775

III.A - Project Alignment to Core Capability and Solution Areas - Project # 6

Primary Core Capability: Environmental Response/Health and Safety
Capability Building: Build
Deployable: Yes
Shareable: Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$.00	0%
Organization	$.00	0%
Equipment	$325,000.00	100%
Training	$.00	0%
Exercises	$.00	0%
Total	$325,000.00	100%

III.B - Project Baseline and Management - Project # 6

Project Management Step: Initiate
Project Start Date: SEPTEMBER 2020
Project End Date: JUNE 2022
Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? No

II. Project Management - Investment # 9

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$3,380,000.00

All of the requested funding must be associated with specific projects.

Project # 7

Project Information - Project # 7

Project Name: MCCA Cybersecurity Enhancements for Operational Readiness
Project Description: As the global Cyber threat landscape continues to expand daily, the threat from Nation State Cyber Attacks and Advanced Persistent Threats (APTs) have also significantly increased. To combat this trend, more sophisticated and complex security tools are required to detect and prevent these attacks to ensure the confidentiality, integrity and availability of the Massachusetts Convention Center Authority¿s (MCCA), its employees¿, client¿s and vendors¿ systems and data. As a critical infrastructure for the Commonwealth of Massachusetts, the MCCA, plays an integral role in the financial stability and emergency shelter for the Commonwealth, most recently converting one of its facilities, the Boston Convention and Exhibition Center (BCEC), into a field hospital for Covid-19 patients, Boston Hope. To ensure the readiness of the MCCA to perform and execute its directive, enhanced cyber security tools must be deployed. The MCCA is requesting funding to add enhanced firewall security tools coupled with a security information and event management (SIEM) solution which will allow the MCCA to identify, respond and mitigate advanced cyber attacks from various attack vectors including but not limited to Nation States and APT¿s. In addition, these enhanced security tools will provide the MCCA the ability to share detailed intel on cyber attacks with local, state, and federal agencies such as Police, FBI and DHS.
Funding Amount: $3,380,000.00
Subgrantee: Massachusetts Convention Center Authority
Grantee Type: Other State Agency (Non-SAA)
Project Location: 02210

III.A - Project Alignment to Core Capability and Solution Areas - Project # 7

Primary Core Capability: Cybersecurity
Capability Building: Build
Deployable: No
Shareable: No

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$.00	0%
Organization	$150,000.00	100%
Equipment	$.00	0%
Training	$.00	0%
Exercises	$.00	0%
Total	$150,000.00	100%

III.B - Project Baseline and Management - Project # 7

Project Management Step: Initiate
Project Start Date: SEPTEMBER 2020
Project End Date: JUNE 2022
Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? No

II. Project Management - Investment # 9

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$3,380,000.00

All of the requested funding must be associated with specific projects.

Project # 8

Project Information - Project # 8

Project Name: DFS Mobile Testing Vehicle
Project Description: This project will be the purchase of a Mobile Testing Vehicle (MTV) that will be used by the Department of Fire Services (DFS) Hazardous Materials Response Teams, the Massachusetts State Police (MSP)/DFS Joint Hazardous Incident Response Team (JHIRT), and the MSP/DFS Clandestine Lab Enforcement Team to facilitate the efficient identification of hazardous substances. The vehicle will enhance the ability of these groups to use the various detection equipment they already possess to analyze samples by providing a secure and controlled laboratory-type of environment for this work. At this time, team members are forced to create a testing location as the incident develops, and often end up using nothing more than a table on the side of the road a safe distance away from the primary source, open to viewing from the general public and the media from the ground and overhead. The vehicle itself will be a business class freightliner with power generation, HVAC, a filtration and air management system, sink, fume hood, glovebox, and instrument tables on board. The Department of Fire Services and the State Police will further outfit/stock the vehicle with existing detection and measurement equipment/supplies.
Funding Amount: $3,380,000.00
Subgrantee: Department of Fire Services
Grantee Type: Other State Agency (Non-SAA)
Project Location: 01775

III.A - Project Alignment to Core Capability and Solution Areas - Project # 8

Primary Core Capability: Environmental Response/Health and Safety
Capability Building: Build
Deployable: Yes
Shareable: Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$.00	0%
Organization	$.00	0%
Equipment	$500,000.00	100%
Training	$.00	0%
Exercises	$.00	0%
Total	$500,000.00	100%

III.B - Project Baseline and Management - Project # 8

Project Management Step: Initiate
Project Start Date: SEPTEMBER 2020
Project End Date: JUNE 2022
Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? No

II. Project Management - Investment # 9

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$3,380,000.00

All of the requested funding must be associated with specific projects.

Project # 9

Project Information - Project # 9

Project Name: MSP Air Wing Equipment
Project Description: This project will allow funding for the replacement of aviation life safety equipment used by air crews in the protection and security of areas throughout the entire Commonwealth of Massachusetts. The Massachusetts State Police (MSP) is the only statewide law enforcement agency in the Commonwealth of Massachusetts with a special operations capability on land, air, and water. The MSP Air Wing provides around the clock aviation support in the areas of law enforcement, search& rescue, critical infrastructure security, and surveillance. The MSP Air Wing is the primary aviation law enforcement asset serving as a first line of defense for the Port of Boston and the Sector Boston COTP AOR. The Massachusetts State Police is also the primary law enforcement agency for the Massachusetts Port Authority (Massport) that secures Logan International Airport.This area is home to the majority of the commercial properties in the Port of Boston and is also served by the Department of Conservation and Recreation (DCR), and the MassachusettsDepartment of Transportation (Mass DOT.) The Department of Conservation and Recreation (DCR) is responsible for many acres of park land and historic islands around Boston Harbor. The Massachusetts Department of Transportation (MassDOT) is responsible for the tunnels and bridges that span and bisect Boston Harbor and its tributaries. As part of its mission in the Boston area, the MSP Air Wing delivers airborne law enforcement and other services for all Massport, DCR, and MassDOT facilities to insure that the city and its port locations remain safe, secure, and resilient. The port locations within Boston Harbor are heavily populated and include many vital components
Funding Amount: $3,380,000.00
Subgrantee: Massachusetts State Police
Grantee Type: Other State Agency (Non-SAA)
Project Location: 01702

III.A - Project Alignment to Core Capability and Solution Areas - Project # 9

Primary Core Capability: On-scene Security, Protection, and Law Enforcement
Capability Building: Build
Deployable: Yes
Shareable: Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$.00	0%
Organization	$.00	0%
Equipment	$148,203.99	100%
Training	$.00	0%
Exercises	$.00	0%
Total	$148,203.99	100%

III.B - Project Baseline and Management - Project # 9

Project Management Step: Initiate
Project Start Date: SEPTEMBER 2020
Project End Date: JUNE 2022
Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? No

II. Project Management - Investment # 9

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$3,380,000.00

All of the requested funding must be associated with specific projects.

Project # 10

Project Information - Project # 10

Project Name: Statewide Cybersecurity Conference

Project Description: This project will fund a contractor to work with the MassCyberCenter at the Mass Tech Collaborative on producing the first annual State-Wide Cybersecurity Conference for Municipalities (Training Event) during October's Massachusetts Cybersecurity Awareness Month (Cybersecurity Month) for 400-600 people. This Conference is a dedicated training event for municipality leaders, first responders, and IT personnel to support improved cybersecurity resiliency and planning efforts at the local level. The MassCyberCenter at Mass Tech Collaborative was established in 2017. Its mission is to enhance conditions for economic growth through outreach to the cybersecurity ecosystem of Massachusetts while fostering cybersecurity resiliency within the Commonwealth. The Cyber Resilient Massachusetts Working Group (CRMWG) -created by Governor Baker in 2018 to facilitate cybersecurity resiliency across the Commonwealth through planning,collaboration, outreach, and education-is managed by the MassCyberCenter and is currently made up of 45+ organizations across Massachusetts from the public and private sectors. For more information, please see https://masscybercenter.org/cyber-resilient-massachusetts/cyber-resilient-massachusetts-working-group. The CRMWG established the Municipal Cybersecurity Sub-working Group (Munis SWG) with the mission to "identify resources and provide guidance to improve the cybersecurity resiliency for 351 municipalities, and their public and private partners, across the Commonwealth of Massachusetts". Through the Munis SWG, the CRMWG has identified a need for a full-time position dedicated to coordinating the cybersecurity initiatives for municipalities. The Training Event will act as a capstone to local and regional cybersecurity events offered across the Commonwealth during Cybersecurity Awareness Month. The Training Event will focus on national cybersecurity policy and strategy. Federal speakers will present to an audience of the Commonwealth's 351 municipalities on current and evolving federal policy and security initiatives and give a broader picture of how local initiatives tie together for better resiliency across the Commonwealth. In addition, the Training Event will provide opportunities for collaborat"1on, information sharing,training,and programming at multiple levels of government-federal, state, municipal, community and regional. To ensure the Training Event addresses the needs of the municipalities, the Commonwealth, and the Massachusetts Homeland Security Regions, the Training Event will be guided by input from the CRMWG and will be organized by the MassCyberCenter.

Funding Amount: $3,380,000.00

Subgrantee: Unspecified Local and Regional Sub-recipients

Grantee Type: Local Jurisdiction / Entity

Project Location: 01581

III.A - Project Alignment to Core Capability and Solution Areas - Project # 10

Primary Core Capability: Cybersecurity

Capability Building: Build

Deployable: No

Shareable: No

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$.00	0%
Organization	$.00	0%
Equipment	$.00	0%
Training	$115,272.00	100%
Exercises	$.00	0%
Total	$115,272.00	100%

III.B - Project Baseline and Management - Project # 10

Project Management Step: Initiate
Project Start Date: SEPTEMBER 2020
Project End Date: JUNE 2022
Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? No

II. Project Management - Investment # 9

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$3,380,000.00

All of the requested funding must be associated with specific projects.

Project # 11

Project Information - Project # 11

Project Name: Massport Fire Rescue Active Shooter/Hostile Event II
Project Description: The Massport Fire-Rescue Departm ent is pursu i ng funding to bu ild upon t ra i n i ng received through the Active Shooter Host i le Even t Training Program (funded th rough the FFY 201 8 Homeland Security Grant Program) and Operation Ready -2017 project (fu nded through the FFY 2016 Homeland Security Grant Program), by offering a Tactical Emergency Casualty Care Certification Course to 25 members and other appropriate stakeholders from the airport community and in the UASI region including the Massachusetts State Police, Boston Emergency Medical Services, Boston Police, and Boston Fire. The three day (24 hour) training program includes the 2-day National Association of Emergency Medical Technicians Tactical Emergency Casualty Care program and cetiification. The course also complies with the Massachusetts Office of Emergency Medical Services Emergency Medical Services Pre-hospital Statewide Treatment Protocols for Multiple Casualty Incidents. The course takes lessons learned from the military and applies them to the civilian world of tactical medicine. Training topics and techniques include decreasing preventable death in tactical situations, hemonhage control, advanced airway management and needle decompression, strategies for treating wounded responders in tln·eatening environments, and techniques for dragging and carrying victims to safety. The third day provides students with an opportunity to work together amongst law enforcement, fire, and EMS first responders in various realistic scenarios. This specific training was offered in August 2017 and October 2019 to two groups of first responders from Massport Fire-Rescue and other patiner agencies including Boston Fire, Cambridge Fire, Dracut Fire, and Massachusetts General Hospital and was considered invaluable. Additionally, as part of this training program, and as a result of lessons learned in the two previous classes, the Massport Fire-Rescue Depatiment is planning to purchase hands-free medical/trauma kits. Hands-free medical/trauma kits would be utilized by Rescue Task Forces for wann zone entry enabling rapid response and a steady supply of critical equipment while able to utilize arms and hands for treatment. Training scenarios utilizing this equipment will be incorporated into the practical skills portion of the Tactical Emergency Casualty Care Certification Course.
Funding Amount: $3,380,000.00
Subgrantee: Massachusetts Port Authority
Grantee Type: Other State Agency (Non-SAA)
Project Location: 02128

III.A - Project Alignment to Core Capability and Solution Areas - Project # 11

Primary Core Capability: On-scene Security, Protection, and Law Enforcement
Capability Building: Sustain
Deployable: No
Shareable: No

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$.00	0%
Organization	$57,650.00	77.12%
Equipment	$17,100.00	22.88%
Training	$.00	0%
Exercises	$.00	0%
Total	$74,750.00	100%

III.B - Project Baseline and Management - Project # 11

Project Management Step: Initiate
Project Start Date: SEPTEMBER 2020

Project End Date: JUNE 2022
Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? Yes

Prior Year	Investment	Last Completed Milestone
2019	State Share Projects	In progress

II. Project Management - Investment # 9

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$3,380,000.00

All of the requested funding must be associated with specific projects.

Project # 12

Project Information - Project # 12

Project Name: MSP Division of Field Services Cameras
Project Description: Massachusetts State Police, Division of Field Services funding is for the purchase of one(1) Wanco Camera Trailer- Solar Portable Video Surveillance System. This system is a portable, selfcontained, solar powered surveillance system. The system has 4 (four) pan, tilt, zoom high definition digital cameras attached to an extendable 30 foot telescoping pole. The system is battery powered which is charged via on board solar panels or external electrical power. The digital cameras save all video on a Solid State NVR Digital recorder with 2 Terabyte storage capacity and broadcasts video via secure 4G LTE Cellular Modem. The attached cameras have the ability to record in either daylight or at night, via infrared lighting. In addition to being an assets for Troop H, these systems would be available to all state, federal and local public safety agencies within the Commonwealth. This surveillance and system is towed behind any vehicle with a trailer mount and can be deployed and operational in under 10 minutes. The four cameras that are attached to the 30-foot telescoping pole, are all able to be controlled remotely with pan, zoom, tilt capabilities independent of each other. These cameras would be essential assets to be deployed at numerous Troop H large events that draw crowds anywhere from 1,000 to 1 million spectators. While this system is deployed at Troop H special events it would be utilized to conduct surveillance, deter and prevent crime, count crowds, find missing and lost children and enhance the public safety capabilities of Troop H. Currently Troop H relies heavily on temporary installed cameras that are attached to various light poles through the venues and video downlink from the MSP Helicopters. These surveillance systems have limitations due to weather and the locations where the temporary cameras can be mounted and may also not be available due to other deployments across the Commonwealth. With the self-contained and portable nature of the Wanco system, it can be deployed in areas where surveillance is lacking. By being able to utilize the Wanco Camera Trailer- Solar Portable Video Surveillance System would ensure complete 360 degree coverage of need specific areas during events that draw large crowds.
Funding Amount: $3,380,000.00
Subgrantee: Massachusetts State Police
Grantee Type: Other State Agency (Non-SAA)
Project Location: 02125

III.A - Project Alignment to Core Capability and Solution Areas - Project # 12

Primary Core Capability: Intelligence and Information Sharing
Capability Building: Build
Deployable: Yes
Shareable: Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$.00	0%
Organization	$.00	0%
Equipment	$24,314.04	100%
Training	$.00	0%
Exercises	$.00	0%
Total	$24,314.04	100%

III.B - Project Baseline and Management - Project # 12

Project Management Step: Initiate
Project Start Date: SEPTEMBER 2020
Project End Date: JUNE 2022

Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? No

II. Project Management - Investment # 9

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$3,380,000.00

All of the requested funding must be associated with specific projects.

Project # 13

Project Information - Project # 13

Project Name: SAA M&A
Project Description: Per the FFY2020 NOFO Management and Administration (M&A) activities are those directly relating to the management and administration of HSGP funds, such as financial management and monitoring. A maximum of 5% of HSGP funds awarded may be retained by the state, and any funds retained are to be used solely for M&A purposes associated wit the HSGP award. State may also retain 5% of the NSGP award and claim those costs under UASI and UASI NSGP
Funding Amount: $3,380,000.00
Subgrantee: Executive Office of Public Safety and Security
Grantee Type: SAA/DTG
Project Location: 02116

III.A - Project Alignment to Core Capability and Solution Areas - Project # 13

Primary Core Capability: Operational Coordination
Capability Building: Sustain
Deployable: No
Shareable: No

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$.00	0%
Organization	$845,000.00	100%
Equipment	$.00	0%
Training	$.00	0%
Exercises	$.00	0%
Total	$845,000.00	100%

III.B - Project Baseline and Management - Project # 13

Project Management Step: Initiate
Project Start Date: SEPTEMBER 2020
Project End Date: JUNE 2022
Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? Yes

Prior Year	Investment	Last Completed Milestone
2019	Program Support	In progress

II. Project Management - Investment # 9

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$3,380,000.00

All of the requested funding must be associated with specific projects.

Project # 14

Project Information - Project # 14

Project Name: EOPSS Statewide Cyber Security Training
Project Description: The vulnerabilities to information technologies continue to expand and to keep pace the EOPSS Statewide Training on Cyber Security will develop cyber security best practices involving the whole community to improve resilience.
Funding Amount: $3,380,000.00
Subgrantee: Executive Office of Public Safety and Security
Grantee Type: SAA/DTG
Project Location: 02116

III.A - Project Alignment to Core Capability and Solution Areas - Project # 14

Primary Core Capability: Cybersecurity
Capability Building: Sustain
Deployable: No
Shareable: No

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$.00	0%
Organization	$200,000.00	100%
Equipment	$.00	0%
Training	$.00	0%
Exercises	$.00	0%
Total	$200,000.00	100%

III.B - Project Baseline and Management - Project # 14

Project Management Step: Initiate
Project Start Date: SEPTEMBER 2020
Project End Date: JUNE 2022
Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? No

II. Project Management - Investment # 9

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$3,380,000.00

All of the requested funding must be associated with specific projects.

Project # 15

Project Information - Project # 15

Project Name: Statewide Large Venue Active Shooter Training
Project Description: Given the increased risk to soft targets and crowded places as increasingly appealing to terrorist and other extremists, EOPSS has developed a Large Venue Task Force focused on protection of soft targets/crowded places to enhance their security. This training will be an opportunity for the public and private sectors to collaborate and enhance security of such places as transportation centers, parks, restaurants, shopping centers, special event venues, and similar facilities.
Funding Amount: $3,380,000.00
Subgrantee: Executive Office of Public Safety and Security
Grantee Type: SAA/DTG
Project Location: 02116

III.A - Project Alignment to Core Capability and Solution Areas - Project # 15

Primary Core Capability: Infrastructure Systems
Capability Building: Build
Deployable: No
Shareable: No

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$.00	0%
Organization	$200,000.00	100%
Equipment	$.00	0%
Training	$.00	0%
Exercises	$.00	0%
Total	$200,000.00	100%

III.B - Project Baseline and Management - Project # 15

Project Management Step: Initiate
Project Start Date: SEPTEMBER 2020
Project End Date: JUNE 2022
Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? No

II. Project Management - Investment # 9

II.C - What is the funding source for this investment:

Funding Source	Funding Amount
UASI	$3,380,000.00

All of the requested funding must be associated with specific projects.

Project # 16

Project Information - Project # 16

Project Name: Regional Homeland Security Assessment
Project Description: This EOPSS assessment will review the effectiveness of the Homeland Security regions and evaluate the quality and extent to which they demonstrate the program objectives of preventing, preparing for, protecting against, and responding to acts of terrorism, to meet its target capabilities, and otherwise reduce the overall risk to the high-risk Urban Area, State, and Nation.
Funding Amount: $3,380,000.00
Subgrantee: Executive Office of Public Safety and Security
Grantee Type: SAA/DTG
Project Location: 02116

III.A - Project Alignment to Core Capability and Solution Areas - Project # 16

Primary Core Capability: Operational Coordination
Capability Building: Build
Deployable: No
Shareable: No

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	$.00	0%
Organization	$131,004.97	100%
Equipment	$.00	0%
Training	$.00	0%
Exercises	$.00	0%
Total	$131,004.97	100%

III.B - Project Baseline and Management - Project # 16

Project Management Step: Initiate
Project Start Date: SEPTEMBER 2020
Project End Date: JUNE 2022
Does this project require new construction, renovation, retrofitting or modifications of existing structure? No
Supports Previous Awarded Investment? No

(End of Investment # 9.)