



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

## **FY 2018 HSGP Investment Justification**

**MA - Boston Urban Area**



**Portfolio Information**

**I.A – Portfolio – Overall Investment Justification**

**Discuss at a broad level the principle hazards, risk and capability gaps that the following investments will be addressing. Investment Justification to include all Investments.**

The Metro Boston Homeland Security Region (MBHSR) utilizes an all-hazards approach to achieve our mission to build and 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, no-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 2018 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.**

<b>Program</b>	<b>Requested Amount</b>	<b>M&amp;A Amount</b>	<b>M&amp;A Percentage</b>	<b>Subtotal (Requested Amount + M&amp;A)</b>
UASI	\$16,850,648	\$649,352	3.7%	\$17,500,000

# Investment #1

## Investment Information - Investment #1

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

**II.B Investment Type:** Non-Competitive

## I. Overview - Investment # 1

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

Funding Source	Funding Amount
UASI	\$1,292,452.00

II.D - Is this the consolidated Fusion Center Investment? No

II.E - How much of this Investment will be obligated towards Law Enforcement Terrorism Prevention Activities (LETPA): \$940,258.00

### II.F - Investment Description:

This investment area highlights the MBHSR's comprehensive focus on securing the whole community and on improving various components of emergency response. This investment area addresses one of the ongoing challenges identified in the 2017 National Preparedness Report: Improving responder capacity and coordination in catastrophic events. The projects that make up this investment area focus on the following core capabilities as outlined in the 2017 MBHSR THIRA: Operational Coordination (pages 9-10), Interdiction and Disruption (page 14), Critical Transportation (pages 29-30), Logistics and Supply Chain Management (page 39-40) and On-Scene Security, Protection, and Law Enforcement (pages 45-46). Additionally, this investment area will address capability gaps as identified in the 2017 Commonwealth SPR using the POETE elements. An example of these gaps for the On-Scene Security, Protection, and Law Enforcement Core Capability include Law Enforcement under all elements; Protecting Response Personnel and Securing Disaster Areas under planning, equipment, training and exercises. The projects that make up this investment area are focused on building and sustaining capability. The proposed activities of this investment area are a priority because they will contribute to the MBHSR's ability to close identified gaps in the 2017 MBHSR THIRA and 2017 Commonwealth SPR.

## II. Project Management - Investment # 1

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

Funding Source	Funding Amount
UASI	\$1,292,452.00

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

### Project # 1

## Project Information - Project # 1

**Project Name:** SWAT/SRT Equipment

**Project Description:** This project will include the continued purchase of Special Response Team Equipment for sustainability and enhancement for each of the teams (Boston, Brookline, Cambridge, Quincy, and North Metro) Equipment purchased will replace expiring items and expand capabilities to respond to incidents within the region, as well as outfit new operators on the teams. Funds will continue to support the build out of the Somerville SRT. For Somerville, funds will be utilized to outfit members as well as backfill and overtime costs for training. In addition, this project will continue the funding of the Active Threat program that promotes collaborative response to incidents between Fire, Law Enforcement, and EMS.

**Funding Amount:** \$1,292,452.00

**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:** 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	\$890,258.00	94.68%
Training	\$50,000.00	5.32%
Exercises	\$ .00	0%
<b>Total</b>	<b>\$940,258.00</b>	<b>100%</b>

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

**Project Management Step:** Execute

**Project Start Date:** JANUARY 2019

**Project End Date:** JUNE 2021

**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
2016	Strengthen the Community's Safety and Security	Procurement
2017	Strengthen the Community's Safety & Security	Procurement

## II. Project Management - Investment # 1

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

Funding Source	Funding Amount
UASI	\$1,292,452.00

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

### Project # 2

## Project Information - Project # 2

**Project Name:** EM Software/Equipment Maintenance

**Project Description:** This project supports the maintenance and repairs of UASI-funded emergency management equipment across the MBHSR. 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. In addition, a prime mover will be purchased to support the deployment of equipment such as message boards, generators, light towers, etc for emergencies and planned events.

**Funding Amount:** \$1,292,452.00

**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:** 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	\$352,194.00	100%
Training	\$ .00	0%
Exercises	\$ .00	0%
<b>Total</b>	<b>\$352,194.00</b>	<b>100%</b>

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

**Project Management Step:** Execute

**Project Start Date:** JANUARY 2019

**Project End Date:** JUNE 2021

**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
2016	Strengthen the Community's Safety and Security	Maintenance and Procurement
2017	Strengthen the Community's Safety & Security	Execute

(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

**II.B Investment Type:** Non-Competitive

## I. Overview - Investment # 2

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

Funding Source	Funding Amount
UASI	\$2,195,806.00

II.D - Is this the consolidated Fusion Center Investment? No

II.E - How much of this Investment will be obligated towards Law Enforcement Terrorism Prevention Activities (LETPA): \$2,104,077.00

### II.F - Investment Description:

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 projects that make up this investment area focus on the following core capabilities as outlined in the 2017 MBHSR THIRA: Interdiction and Detection (pages 14-15); Screening, Search and Detection (pages 15-16); Access Control and Identity Verification (pages 16-17); Physical Protective Measures (pages 19-20); Risk Management for Protection Programs and Activities (pages 20-22); and Situational Assessment (pages 52-53). Under this area there are instances where proposed projects (e.g., target hardening) address multiple core capabilities. This linkage is highlighted in the 2017 National Preparedness Report where under the Protection section it states that Access Control and Identity Verification...controls admittance to critical locations and systems, and is essential for...Physical Protective Measures- both critical to target hardening. Additionally, this investment area will address capability gaps as identified in the 2017 Commonwealth SPR using the POETE elements. An example of these gaps for the Access Control and Identify Verification Core Capability include Controlling Physical Access for planning, organization, equipment, and training; and Verifying Identify for all of the POETE elements. Using the POETE elements, an example of these gaps for the Physical Protective Measures Core Capability include Identifying and Prioritizing Assets to Protect for organization, equipment, and training. Using the POETE elements, an example of these gaps for the Interdiction and Detection Core Capability include, but are not limited to, Anti-terrorism Operations for all POETE elements; Deterrent Law Enforcement Presence for all POETE elements; Interdicting Cargo, Conveyances, and Persons for all POETE elements; and Wide-area Search and Detection for all POETE elements. The projects that make up this investment area are focused on building and sustaining capability. The proposed activities of this investment area are a priority because they will contribute to the MBHSR's ability to close identified gaps in the 2017 MBHSR THIRA and 2017 Commonwealth SPR.

## II. Project Management - Investment # 2

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

Funding Source	Funding Amount
UASI	\$2,195,806.00

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

### Project # 1

## Project Information - Project # 1

**Project Name:** Target Hardening/Risk Management Maintenance

**Project Description:** This project will allow each jurisdiction 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. Projects will include the purchase and installation of equipment including locks, doors, fencing, barriers, camera systems, electronic access systems, computer hardware and other items designed to enhance the physical security of a building or property. Investment justifications will be provided by the region's risk assessment software, Digital Sandbox, which assists the region in prioritizing locations for security enhancement. This platform will be used to perform critical risk assessments and assess site vulnerability and will also be used to inform decision making regarding the purchase and installation of equipment based on complex risk, threat, and capability assessments.

**Funding Amount:** \$2,195,806.00

**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:** Risk Management for Protection Programs and Activities

**Capability Building:** Sustain

**Deployable:** Yes

**Shareable:** Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$ .00	0%
Organization	\$ .00	0%
Equipment	\$153,306.00	100%
Training	\$ .00	0%
Exercises	\$ .00	0%
<b>Total</b>	<b>\$153,306.00</b>	<b>100%</b>

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

**Project Management Step:** Execute

**Project Start Date:** JANUARY 2019

**Project End Date:** JUNE 2021

**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
2016	Strengthen the Regions Capabilities to Protect Critical Infrastructure and Key Resources	Procurement
2017	Strengthen the Regions Capabilities to Protect Critical Infrastructure and Key Resources	Execute

## II. Project Management - Investment # 2

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

Funding Source	Funding Amount
UASI	\$2,195,806.00

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:** 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 as well as the continued maintenance agreements that will maintain the physical equipment that makes up the network. The maintenance contracts will cover all equipment and software within the CIMS network which was purchased with UASI funding. The Region will also utilize funds to maintain the Regional Gunshot and Explosive Acoustic Detection System which was deployed using UASI funding.

**Funding Amount:** \$2,195,806.00

**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	\$1,022,000.00	100%
Training	\$ .00	0%
Exercises	\$ .00	0%
<b>Total</b>	<b>\$1,022,000.00</b>	<b>100%</b>

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

**Project Management Step:** Initiate

**Project Start Date:** JANUARY 2019

**Project End Date:** JUNE 2021

**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
2016	Strengthen the Regions Capabilities to Protect Critical Infrastructure and Key Resources	Procurement
2017	Strengthen the Regions 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	\$2,195,806.00

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

### Project # 3

## Project Information - Project # 3

**Project Name:** Maritime Project

**Project Description:** This project will support the purchase of marine incident response equipment for regional law enforcement and fire departments directly responsible for the detection and mitigation of maritime acts of terrorism and port safety and security.

**Funding Amount:** \$2,195,806.00

**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	\$950,000.00	100%
Training	\$ .00	0%
Exercises	\$ .00	0%
<b>Total</b>	<b>\$950,000.00</b>	<b>100%</b>

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

**Project Management Step:** Plan

**Project Start Date:** JUNE 2019

**Project End Date:** JUNE 2021

**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
2016	Strengthen the Regions Capabilities to Protect Critical Infrastructure and Key Resources	Procurement
2017	Strengthen the Regions Capabilities to Protect Critical Infrastructure and Key Resources	Execute

## II. Project Management - Investment # 2

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

Funding Source	Funding Amount
UASI	\$2,195,806.00

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

### Project # 4

## Project Information - Project # 4

**Project Name:** Unmanned Aerial System (UAV)

**Project Description:** This project will provide funding for the MBHSR to contract with a vendor who will supply the region with an FCC certified drone pilot to operate an all-weather drone with thermal imaging capabilities. The project will include all the necessary supplies including the drone supply vehicle, and BriefCam software for the drone video.

**Funding Amount:** \$2,195,806.00

**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:** Situational Assessment

**Capability Building:** Build

**Deployable:** Yes

**Shareable:** Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$0.00	0%
Organization	\$0.00	0%
Equipment	\$70,500.00	100%
Training	\$0.00	0%
Exercises	\$0.00	0%
Total	\$70,500.00	100%

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

**Project Management Step:** Execute

**Project Start Date:** JANUARY 2019

**Project End Date:** JUNE 2021

**Does this project require new construction, renovation, retrofitting or modifications of existing structure?** No

**Supports Previous Awarded Investment?** No

(End of Investment # 2.)

# Investment #3

## Investment Information - Investment #3

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

**II.B Investment Type:** Non-Competitive

## I. Overview - Investment # 3

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

Funding Source	Funding Amount
UASI	\$2,393,392.00

II.D - Is this the consolidated Fusion Center Investment? Yes

II.E - How much of this Investment will be obligated towards Law Enforcement Terrorism Prevention Activities (LETPA): \$2,393,392.00

### II.F - Investment Description:

This investment area highlights the MBHSR's commitment to information sharing and collaboration. Strengthening Information Sharing and Collaboration Capabilities remains the cornerstone of the MBHSR prevention mission area. Funding will be utilized to build and maintain capabilities at the Boston Regional Intelligence Center (BRIC) which is the designation Urban Area Fusion Center. This investment area addresses one of the ongoing challenges identified in the 2017 National Preparedness Report: Detecting and preventing attacks by homegrown violent extremists. The projects that make up this investment area focus on the following core capabilities as outlined in the 2017 MBHSR THIRA: Intelligence and Information Sharing (pages 12-13) and Situational Assessment (page 52). Additionally, this investment area will address capability gaps as identified in the 2017 Commonwealth SPR using the POETE elements. An example of these gaps for the Intelligence and Information Sharing Core Capability include Establishing Intelligence and Information Requirements under planning, organization, training, and exercises; Analysis of Intelligence and Information under organization and training; Disseminating Intelligence and Information under organization, equipment, and training; Exploiting and Processing Information under organization, equipment, and training; Feedback and Evaluation under training; Monitoring Information under organization and equipment; Gathering Intelligence under all POETE elements; and Continuous Threat Assessment under training. The projects that make up this investment area are focused on building and sustaining capability. The proposed activities of this investment area are a priority because they will contribute to the MBHSR's ability to close identified gaps in the 2017 MBHSR THIRA and 2017 Commonwealth SPR.

## II. Project Management - Investment # 3

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

Funding Source	Funding Amount
UASI	\$2,393,392.00

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

**Funding Amount:** \$2,393,392.00

**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	\$1,575,592.00	100%
Equipment	\$ .00	0%
Training	\$ .00	0%
Exercises	\$ .00	0%
<b>Total</b>	<b>\$1,575,592.00</b>	<b>100%</b>

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

**Project Management Step:** Initiate

**Project Start Date:** JANUARY 2019

**Project End Date:** JUNE 2021

**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
2016	Strengthen Information Sharing and Collaboration Capabilities	Planning
2017	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	\$2,393,392.00

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 of hardware and software to sustain operations of the Boston Regional Intelligence Center (BRIC) as well as the MBHSR investigative units. It will include the procurement of investigative and intelligence analysis equipment as well as equipment necessary to maintain effective communication with intelligence departments within all MBHSR law enforcement agencies. This equipment will be used to prevent, protect against, and respond to acts of terrorism throughout the Region.

**Funding Amount:** \$2,393,392.00

**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	\$535,800.00	100%
Training	\$ .00	0%
Exercises	\$ .00	0%
<b>Total</b>	<b>\$535,800.00</b>	<b>100%</b>

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

**Project Management Step:** Execute

**Project Start Date:** JANUARY 2019

**Project End Date:** JUNE 2021

**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
2016	Strengthen Information Sharing and Collaboration Capabilities	Procurement
2017	Strengthen Information Sharing and Collaboration Capabilities	Procurement

## II. Project Management - Investment # 3

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

Funding Source	Funding Amount
UASI	\$2,393,392.00

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

### Project # 3

## Project Information - Project # 3

**Project Name:** Regional Analytics

**Project Description:** This project involves the continued development of the BRIC's regional analytic platforms. This phase is intended to enhance the analytic programs that are made available to MBHSR by integrating additional data sets and providing tools/programs for searching, analyzing and sharing data. This project will enhance regional analysis capabilities, while providing each UASI public safety agency with customizable analytics for monitoring relevant, mission-critical data to help inform decision-making for resource deployment, investigations, emergency response, etc. This project will also be the catalyst for bridging critical data sets from police, fire, emergency management, and public health through common interfaces (Dashboard).

**Funding Amount:** \$2,393,392.00

**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:** Situational Assessment

**Capability Building:** Build

**Deployable:** No

**Shareable:** Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$ .00	0%
Organization	\$ .00	0%
Equipment	\$282,000.00	100%
Training	\$ .00	0%
Exercises	\$ .00	0%
<b>Total</b>	<b>\$282,000.00</b>	<b>100%</b>

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

**Project Management Step:** Execute

**Project Start Date:** JANUARY 2019

**Project End Date:** JUNE 2021

**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
2016	Strengthen Information Sharing and Collaboration Capabilities	Procurement
2017	Strengthen Information Sharing and Collaboration Capabilities	Planning

(End of Investment # 3.)

# Investment #4

## Investment Information - Investment #4

**II.A Investment Name:** Strengthen Emergency Communications Interoperability

**II.B Investment Type:** Non-Competitive

## I. Overview - Investment # 4

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

Funding Source	Funding Amount
UASI	\$2,279,500.00

II.D - Is this the consolidated Fusion Center Investment? No

II.E - How much of this Investment will be obligated towards Law Enforcement Terrorism Prevention Activities (LETPA): \$381,875.00

### II.F - Investment Description:

This investment area highlights the MBHSR's commitment to emergency communications interoperability, especially in response to a large-scale event or incident. One of the findings identified in the 2017 National Preparedness Report is that sustained attention through exercises, planning and technological acquisitions is necessary in order to ensure that responders from multiple jurisdictions and agencies can communicate on interoperable systems. This investment area focuses on enhancing the MBHSR's interoperable communications capability. All proposed projects take into consideration the goals and strategies of the Statewide Communication Interoperability Plan (SCIP) and are submitted to the Statewide Interoperability Executive Committee (SIEC) for review and approval. In particular, CIS projects can closely align with the Technology, SOP, Usage, and Life-Cycle Funding strategic goals. The projects that make up this investment area focus on the following core capabilities as outlined in the 2017 MBHSR THIRA: Operational Coordination (pages 9-11) and Operational Communications (pages 47-50). Additionally, this investment area will address capability gaps as identified in the 2017 Commonwealth SPR using the POETE elements. An example of these gaps for the Operational Communications Core Capability include Communication between Responders and the Affected Population under planning, organization, and equipment; Re-establishing Communications Infrastructure under planning, equipment, and training; Re-establishing Critical Information Networks under planning, equipment, and exercises; Voice Communications under planning and organization; Data Communications under equipment; and Interoperable Communications between Responders under training and exercises. The projects that make up this investment area are focused on building and sustaining capability. The proposed activities of this investment area are a priority because they will contribute to the MBHSR's ability to close identified gaps in the 2017 MBHSR THIRA and 2017 Commonwealth SPR.

## II. Project Management - Investment # 4

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

Funding Source	Funding Amount
UASI	\$2,279,500.00

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 additional technical support to manage some of the more complex technical projects. 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 such as FatPot, CIMs, Quick-Deployable cameras, BRIC dashboards, to name a few. In addition, the funding supports active monitoring of the network, regular software/firmware updates, upkeep of tools such as InterMapper and configuration management, security maintenance and key management, problem resolution, equipment procurement and technical support to municipalities and state agencies.

**Funding Amount:** \$2,279,500.00

**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	\$1,057,500.00	100%
Organization	\$.00	0%
Equipment	\$.00	0%
Training	\$.00	0%
Exercises	\$.00	0%
<b>Total</b>	<b>\$1,057,500.00</b>	<b>100%</b>

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

**Project Management Step:** Plan

**Project Start Date:** JANUARY 2019

**Project End Date:** JUNE 2021

**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
2016	Enhance Communications Interoperability, Especially in Response to Large Scale Event or Crisis	Close Out
2017	Enhance Communications Interoperability, Especially in Response to Large Scale Event or Crisis	Planning



## II. Project Management - Investment # 4

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

Funding Source	Funding Amount
UASI	\$2,279,500.00

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

### Project # 2

## Project Information - Project # 2

**Project Name:** Soldiers' Home Communications Site Replacement

**Project Description:** This project will fund the relocation of regional UASI-funded radio equipment to a soon-to-be built Soldiers' Home radio site. Several MBHSR radio infrastructure as well as a major PSnet node are currently housed and hosted in a machinery penthouse on the Soldiers' Home site. The current configuration is crowded, hard to manage, limited lighting and deficient climate control. This radio site has historically been plagued with interference and jamming issues. These funds will provide a more efficient, sound and seamless interoperable configuration that support regional emergency communications throughout the MBHSR.

**Funding Amount:** \$2,279,500.00

**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:** Sustain

**Deployable:** No

**Shareable:** No

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$470,000.00	100%
Organization	\$ .00	0%
Equipment	\$ .00	0%
Training	\$ .00	0%
Exercises	\$ .00	0%
<b>Total</b>	<b>\$470,000.00</b>	<b>100%</b>

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

**Project Management Step:** Plan

**Project Start Date:** JANUARY 2019

**Project End Date:** JUNE 2021

**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
2016	Enhance Communications Interoperability, Especially in Response to Large Scale Event or Crisis	Planning
2017	Enhance Communications Interoperability, Especially in Response to Large Scale Event or Crisis	Planning

## II. Project Management - Investment # 4

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

Funding Source	Funding Amount
UASI	\$2,279,500.00

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

### Project # 3

## Project Information - Project # 3

**Project Name:** Regional Fire Department Command Post

**Project Description:** This project will support the funding of a regional fire command post vehicle to support the nine MBHSR jurisdictions. This mobile command vehicle will be deployed to enhance or reestablish communication and coordination during emergency incidents and special security events. While the unit will be housed and maintained by Boston Fire, it will be deployable and set up upon request by any of the nine jurisdictions in the region.

**Funding Amount:** \$2,279,500.00

**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 Coordination

**Capability Building:** Build

**Deployable:** Yes

**Shareable:** Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$ .00	0%
Organization	\$ .00	0%
Equipment	\$752,000.00	100%
Training	\$ .00	0%
Exercises	\$ .00	0%
Total	\$752,000.00	100%

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

**Project Management Step:** Execute

**Project Start Date:** JANUARY 2019

**Project End Date:** JUNE 2021

**Does this project require new construction, renovation, retrofitting or modifications of existing structure?** No

**Supports Previous Awarded Investment?** No

(End of Investment # 4.)

# Investment #5

## Investment Information - Investment #5

**II.A Investment Name:** Strengthen CBRNE Detection, Response, and Decontamination Capabilities

**II.B Investment Type:** Non-Competitive

## I. Overview - Investment # 5

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

Funding Source	Funding Amount
UASI	\$1,413,990.00

II.D - Is this the consolidated Fusion Center Investment? No

II.E - How much of this Investment will be obligated towards Law Enforcement Terrorism Prevention Activities (LETPA): \$634,039.00

### II.F - Investment Description:

This investment area highlights the MBHSR's ability to identify, protect against, respond to, and train for CBRNE threats/hazards throughout the whole community. This investment area addresses one of the ongoing challenges identified in the 2017 National Preparedness Report: Improving responder capacity and coordination in catastrophic events. The projects that make up this investment area focus on the following core capabilities as outlined in the 2017 MBHSR THIRA: Interdiction and Disruption (page 14), Screening, Search, and Detection (pages 15), Environmental Response/Health and Safety (pages 29-30), and Mass Search and Rescue Operations (pages 44). Additionally, this investment area will address capability gaps as identified in the 2017 Commonwealth SPR using the POETE elements. An example of these gaps for the Mass Search and Rescue Operations Core Capability include Synchronizing Operations under planning, organization, training, and exercises; Specialized Operations under equipment, training, and exercises; Community-based search and rescue support under equipment, training, and exercises; Rescue Operations and Search Operations under training and exercises; and Whole Community Involvement and Coordination under organization and training. The projects that make up this investment area are focused on building and sustaining capability. The proposed activities of this investment area are a priority because they will contribute to the MBHSR's ability to close identified gaps in the 2017 MBHSR THIRA and 2017 Commonwealth SPR.

## II. Project Management - Investment # 5

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

Funding Source	Funding Amount
UASI	\$1,413,990.00

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 will support the continued funding of bomb squad enhancement equipment for the MBHSR Regional Bomb Squads, including blast mitigation suits and portable x-ray equipment. In addition, two Unmanned Aerial Vehicles will also be purchased to conduct IED mitigation in a more safe and secure position. The new equipment will advance remote and mobile screening and disruption operations capabilities for the MBHSR bomb squads.

**Funding Amount:** \$1,413,990.00

**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	\$468,788.00	100%
Training	\$ .00	0%
Exercises	\$ .00	0%
<b>Total</b>	<b>\$468,788.00</b>	<b>100%</b>

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

**Project Management Step:** Execute

**Project Start Date:** JANUARY 2019

**Project End Date:** JUNE 2021

**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
2016	Strengthen and Maintain Regional CBRNE Detection, Response and Recovery	Procurement
2017	Strengthen CBRNE Detection, Response, and Decontamination Capabilities	Procurement

## II. Project Management - Investment # 5

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

Funding Source	Funding Amount
UASI	\$1,413,990.00

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 supports continued procurement and upgrades of specialized CBRNE detection and decontamination equipment. The equipment includes the final phase of procurement of decontamination tents for the MBHSR hospitals, Hazmat suits for EMS, Fire and Law Enforcement to replace an expiring PPE cache CBRN/HazMat devices for biological and chemical field testing and for training purposes. Upgrade equipment includes water and air heaters for the UASI-funded mass decontamination units throughout the region and chemical warfare and radiological detection equipment to replace aging equipment.

**Funding Amount:** \$1,413,990.00

**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	\$445,002.00	100%
Training	\$ .00	0%
Exercises	\$ .00	0%
<b>Total</b>	<b>\$445,002.00</b>	<b>100%</b>

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

**Project Management Step:** Execute

**Project Start Date:** JANUARY 2019

**Project End Date:** JUNE 2021

**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
2016	Strengthen and Maintain Regional CBRNE Detection, Response and Recovery	Procurement
2017	Strengthen CBRNE Detection, Response, and Decontamination Capabilities	Procurement

## II. Project Management - Investment # 5

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

Funding Source	Funding Amount
UASI	\$1,413,990.00

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

### Project # 3

## Project Information - Project # 3

**Project Name:** US&R Equipment

**Project Description:** This project supports continued funding for upgrades and replacement of UASI-funded equipment that have reached end of life and/or obsolete for the US&R team. Equipment consideration includes rescue airbags, search cameras, breaching and breaking tools, damaged equipment from training or response and PPE sustainment. We will also procure technical search equipment for Revere and Chelsea Fire who have taken lead on this response in the MBHSR and collapse rescue equipment starter/initiation kit for Brookline Fire so that they may respond rapidly. Lastly, we will continue the build out of the US&R medical equipment to sustain the medical operations of the US&R team.

**Funding Amount:** \$1,413,990.00

**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	\$446,200.00	100%
Training	\$ .00	0%
Exercises	\$ .00	0%
<b>Total</b>	<b>\$446,200.00</b>	<b>100%</b>

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

**Project Management Step:** Execute

**Project Start Date:** JANUARY 2019

**Project End Date:** JUNE 2021

**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
2015	Strengthen and Maintain Regional CBRNE Detection, Response, and Recovery Capabilities	Close Out
2017	Strengthen CBRNE Detection, Response, and Decontamination Capabilities	Procurement

## II. Project Management - Investment # 5

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

Funding Source	Funding Amount
UASI	\$1,413,990.00

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

### Project # 4

## Project Information - Project # 4

**Project Name:** Regional EOD Canine Enhancements

**Project Description:** This project includes the purchase of replacement regional Explosives Detection Canines for retiring canines that were purchased under previous UASI funding and Canine Support Equipment for regional program sustainability.

**Funding Amount:** \$1,413,990.00

**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	\$54,000.00	100%
Training	\$ .00	0%
Exercises	\$ .00	0%
<b>Total</b>	<b>\$54,000.00</b>	<b>100%</b>

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

**Project Management Step:** Execute

**Project Start Date:** JANUARY 2019

**Project End Date:** JUNE 2021

**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
2016	Strengthen and Maintain Regional CBRNE Detection, Response and Recovery	Close Out
2017	Strengthen CBRNE Detection, Response, and Decontamination Capabilities	Procurement

(End of Investment # 5.)

# Investment #6

## Investment Information - Investment #6

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

**II.B Investment Type:** Non-Competitive

## I. Overview - Investment # 6

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

Funding Source	Funding Amount
UASI	\$558,500.00

II.D - Is this the consolidated Fusion Center Investment? No

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

### II.F - Investment Description:

This investment area highlights the MBHSR's comprehensive approach to public health and medical services as they relate to public safety, emergency management and homeland security. This investment area addresses one of the ongoing challenges identified in the 2017 National Preparedness Report: Improving responder capacity and coordination in catastrophic events. The projects that make up this investment area focus on the following core capabilities as outlined in the 2017 MBHSR THIRA: Public Health, Healthcare, and Emergency Medical Services (page 50-51), Health and Social Services (pages 55-56), and Mass Care Services (pages 41-43). Additionally, this investment area will address capability gaps as identified in the 2017 Commonwealth SPR using the POETE elements. An example of these gaps for the Public Health, Healthcare, and Emergency Medical Services Core Capability include Medical Surge under all of the POETE elements. The projects that make up this investment area are focused on building and sustaining capability. The proposed activities of this investment area are a priority because they will contribute to the MBHSR's ability to close identified gaps in the 2017 MBHSR THIRA and 2017 Commonwealth SPR.



## II. Project Management - Investment # 6

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

Funding Source	Funding Amount
UASI	\$558,500.00

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

### Project # 1

## Project Information - Project # 1

**Project Name:** First Responder Pharmaceuticals

**Project Description:** This project supports the continued funding of pharmaceuticals for the regional pharmaceutical cache that is needed to ensure that first responders in the field are kept protected from preventable exposure to secondary trauma, chemical/radiological release and infectious disease, which may be released as part of a coordinated terrorist act.

**Funding Amount:** \$558,500.00

**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	\$94,000.00	100%
Training	\$ .00	0%
Exercises	\$ .00	0%
<b>Total</b>	<b>\$94,000.00</b>	<b>100%</b>

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

**Project Management Step:** Execute

**Project Start Date:** JANUARY 2019

**Project End Date:** JUNE 2021

**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
2016	Strengthen Public Health and Medical Services Capabilities and Capacity	Procurement
2017	Strengthen Medical Surge and Mass Prophylaxis Capabilities	Execute

## II. Project Management - Investment # 6

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

Funding Source	Funding Amount
UASI	\$558,500.00

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 continues the Regional MCI Standardization/Mass Care Medical Project. This investment will include the purchase, distribution, training and exercise validation of standardized supplies as well as the purchase, distribution and training of specialized equipment and medical supplies for preparedness and response efforts during mass gatherings which are known targets for acts of terrorism. The standardization of equipment across the region enables interoperable response between agencies during a MCI incident.

**Funding Amount:** \$558,500.00

**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	\$188,000.00	100%
Training	\$ .00	0%
Exercises	\$ .00	0%
<b>Total</b>	<b>\$188,000.00</b>	<b>100%</b>

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

**Project Management Step:** Execute

**Project Start Date:** JANUARY 2019

**Project End Date:** JUNE 2021

**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
2016	Strengthen Public Health and Medical Services Capabilities and Capacity	Close Out
2017	Strengthen Medical Surge and Mass Prophylaxis Capabilities	Execute

## II. Project Management - Investment # 6

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

Funding Source	Funding Amount
UASI	\$558,500.00

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

### Project # 3

## Project Information - Project # 3

**Project Name:** Patient Tracking

**Project Description:** This project will continue funding for the MBHSR Patient Tracking system and new RFID technology to support family reunification. The Patient Tracking System facilitates incident management, family reunification, and overall patient accountability during several types of emergency incidents, including mass casualty incidents caused by acts of terrorism, hospital evacuations, and mass prophylaxis dispensing clinics. The new RFID technology specifically developed for ambulances to passively capture patient unique identifiers, tracking entry and exit from an ambulance, as well as geo-location, and feed the information to the region's existing patient tracking application will be purchased, installed, and utilized. Funds will be used to support continuation of the system, including annual license fees and further development of guidelines for using the system. Funds will also be used to continue stakeholder engagement and integration with statewide plans.

**Funding Amount:** \$558,500.00

**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:** No

**Shareable:** Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$70,500.00	33.33%
Organization	\$0.00	0%
Equipment	\$141,000.00	66.67%
Training	\$0.00	0%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$211,500.00</b>	<b>100%</b>

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

**Project Management Step:** Execute

**Project Start Date:** JANUARY 2019

**Project End Date:** JUNE 2021

**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
2016	Strengthen Public Health and Medical Services Capabilities and Capacity	Close Out
2017	Strengthen Medical Surge and Mass Prophylaxis Capabilities	Procurement

## II. Project Management - Investment # 6

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

Funding Source	Funding Amount
UASI	\$558,500.00

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

### Project # 4

## Project Information - Project # 4

**Project Name:** Health and Medical Mutual Aid Sustainment

**Project Description:** Funds will support the annual Massachusetts Mutual Aid Plan (MassMAP) service continuation fees, which includes training and technical assistance for all end users as well as further integration of the system in MBHSR response plans. The MassMAP, a web-based platform, has proven to serve an important role in the MBHSR's healthcare system-wide planning and response coordination efforts by providing assistance in the form of pre-designated evacuation locations along with equipment and supply capabilities.

**Funding Amount:** \$558,500.00

**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:** No

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

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

**Project Management Step:** Initiate

**Project Start Date:** JANUARY 2019

**Project End Date:** JUNE 2021

**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
2016	Strengthen Public Health and Medical Services Capabilities and Capacity	Planning
2017	Strengthen Medical Surge and Mass Prophylaxis Capabilities	Planning

(End of Investment # 6.)

# Investment #7

## Investment Information - Investment #7

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

**II.B Investment Type:** Non-Competitive

## I. Overview - Investment # 7

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

Funding Source	Funding Amount
UASI	\$2,869,208.00

II.D - Is this the consolidated Fusion Center Investment? No

II.E - How much of this Investment will be obligated towards Law Enforcement Terrorism Prevention Activities (LETPA): \$533,332.00

### II.F - Investment Description:

This investment area highlights the MBHSR's comprehensive approach to whole community planning and community preparedness. This investment area addresses two of the ongoing challenges identified in the 2017 National Preparedness Report: Inspiring individuals to prepare for emergencies and Improving responder capacity and coordination in catastrophic events. The projects that make up this investment area focus on the following core capabilities as outlined in the 2017 MBHSR THIRA: Planning (page 6), Public Information and Warning (pages 7-8), Operational Coordination (pages 9-10), Community Resilience (page 23-24) and Health and Social Services (pages 55-56). Additionally, this investment area will address capability gaps as identified in the 2017 Commonwealth SPR using the POETE elements. An example of these gaps for the Planning Core Capability include Evaluating and Updating Plans under planning and equipment; Continuity Planning under planning and exercises; Strategic Planning under training; and Whole Community Involvement and Coordination under organization and training. The projects that make up this investment area are focused on building and sustaining capability. The proposed activities of this investment area are a priority because they will contribute to the MBHSR's ability to close identified gaps in the 2017 MBHSR THIRA and 2017 Commonwealth SPR.

## II. Project Management - Investment # 7

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

Funding Source	Funding Amount
UASI	\$2,869,208.00

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

### Project # 1

## Project Information - Project # 1

**Project Name:** Regional Training and Exercise Program

**Project Description:** Training and exercise grant funds will be used to address priorities as previously identified in previous After Action Reports and Improvement Plans from real-world events and exercises. This project supports multi-agency training opportunities across all investment areas. Exercises will also serve to identify future areas of investment with regard to regional capabilities. This project looks to implement the training and exercise needs of the MBHSR as identified in the MBHSR Multi-Year Training & Exercise Plan (MYTEP).

**Funding Amount:** \$2,869,208.00

**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:** Planning

**Capability Building:** Sustain

**Deployable:** No

**Shareable:** No

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$0.00	0%
Organization	\$0.00	0%
Equipment	\$0.00	0%
Training	\$1,000,000.00	72.3%
Exercises	\$383,208.00	27.7%
<b>Total</b>	<b>\$1,383,208.00</b>	<b>100%</b>

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

**Project Management Step:** Plan

**Project Start Date:** JANUARY 2019

**Project End Date:** JUNE 2021

**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
2016	Enhance Regional Planning, Preparedness and Resilience, Including the Whole Community	Training
2017	Enhance Regional Planning, Preparedness and Resilience, including the Whole Community	Training

## II. Project Management - Investment # 7

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

Funding Source	Funding Amount
UASI	\$2,869,208.00

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

### Project # 2

## Project Information - Project # 2

**Project Name:** EM Planning Cell

**Project Description:** This project includes the salary costs associated with the Emergency Management Planning Cell who are charged with the responsibility of executing special projects and developing plans related to emergency management, training and exercise, continuity of operations, resource logistics planning and geographical information systems. It also supports an Emergency Preparedness Buddies Coordinator to assist elders in identifying preparedness needs, setting up communications plans, preparing supplies for evacuation or sheltering in place so that they are more resilient in an emergency.

**Funding Amount:** \$2,869,208.00

**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:** Planning

**Capability Building:** Sustain

**Deployable:** No

**Shareable:** No

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$70,500.00	8.57%
Organization	\$752,000.00	91.43%
Equipment	\$0.00	0%
Training	\$0.00	0%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$822,500.00</b>	<b>100%</b>

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

**Project Management Step:** Plan

**Project Start Date:** JANUARY 2019

**Project End Date:** JUNE 2021

**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
2016	Enhance Regional Planning, Preparedness and Resilience, Including the Whole Community	Planning
2017	Enhance Regional Planning, Preparedness and Resilience, including the Whole Community	Planning

## II. Project Management - Investment # 7

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

Funding Source	Funding Amount
UASI	\$2,869,208.00

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

### Project # 3

## Project Information - Project # 3

**Project Name:** Pictometry

**Project Description:** This project will continue funding the Pictometry Imagery platform. Pictometry provides orthographic and oblique maps with a variety of measurement tools that give first responders and EM professionals the ability to use the most up-to-date maps in order to monitor critical infrastructures.

**Funding Amount:** \$2,869,208.00

**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:** Situational Assessment

**Capability Building:** Sustain

**Deployable:** No

**Shareable:** Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$140,000.00	100%
Organization	\$.00	0%
Equipment	\$.00	0%
Training	\$.00	0%
Exercises	\$.00	0%
<b>Total</b>	<b>\$140,000.00</b>	<b>100%</b>

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

**Project Management Step:** Plan

**Project Start Date:** JANUARY 2019

**Project End Date:** JUNE 2021

**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
2016	Enhance Regional Planning, Preparedness and Resilience, Including the Whole Community	Close Out
2017	Enhance Regional Planning, Preparedness and Resilience, including the Whole Community	Planning



## II. Project Management - Investment # 7

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

Funding Source	Funding Amount
UASI	\$2,869,208.00

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

### Project # 4

## Project Information - Project # 4

**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.

**Funding Amount:** \$2,869,208.00

**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:** 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	\$94,000.00	100%
Training	\$ .00	0%
Exercises	\$ .00	0%
<b>Total</b>	<b>\$94,000.00</b>	<b>100%</b>

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

**Project Management Step:** Plan

**Project Start Date:** JANUARY 2019

**Project End Date:** JUNE 2021

**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
2016	Enhance Regional Planning, Preparedness and Resilience, Including the Whole Community	Procurement
2017	Enhance Regional Planning, Preparedness and Resilience, including the Whole Community	Execute

## II. Project Management - Investment # 7

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

Funding Source	Funding Amount
UASI	\$2,869,208.00

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

### Project # 5

## Project Information - Project # 5

**Project Name:** Revere Emergency Operations Center Upgrade

**Project Description:** This project will support the funding to upgrade audio and visual technology of the City of Revere's relocated Emergency Operations Center. It will enhance their technology so that they will have the ability to effectively communicate and coordinate resources for mitigation, response and recovery from incidents and planned events including but not limited to acts of terrorism, all-hazard and natural disasters to mass-casualty incidents.

**Funding Amount:** \$2,869,208.00

**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:** Operational Coordination

**Capability Building:** Sustain

**Deployable:** No

**Shareable:** Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$ .00	0%
Organization	\$ .00	0%
Equipment	\$47,000.00	100%
Training	\$ .00	0%
Exercises	\$ .00	0%
<b>Total</b>	<b>\$47,000.00</b>	<b>100%</b>

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

**Project Management Step:** Execute

**Project Start Date:** JANUARY 2019

**Project End Date:** JUNE 2021

**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
2011	Implement NIMS and the National Response Framework	Close out

## II. Project Management - Investment # 7

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

Funding Source	Funding Amount
UASI	\$2,869,208.00

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

### Project # 6

## Project Information - Project # 6

**Project Name:** Mass Notification System

**Project Description:** This project will continue to support a Mass Notification System (MNS) for the Town of Brookline. This interface sends one-way messages to inform the public of an emergency by way of phone, text message or email. The Brookline police department uses the system to help improve the safety and security of the public by providing alerts and real-time instructions during a crises.

**Funding Amount:** \$2,869,208.00

**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:** Public Information and Warning

**Capability Building:** Sustain

**Deployable:** No

**Shareable:** No

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$ .00	0%
Organization	\$ .00	0%
Equipment	\$30,000.00	100%
Training	\$ .00	0%
Exercises	\$ .00	0%
<b>Total</b>	<b>\$30,000.00</b>	<b>100%</b>

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

**Project Management Step:** Initiate

**Project Start Date:** JANUARY 2019

**Project End Date:** JUNE 2021

**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
2014	Planning and Community Preparedness	Close Out
2016	Enhance Regional Planning, Preparedness and Resilience, Including the Whole Community	Planning

## II. Project Management - Investment # 7

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

Funding Source	Funding Amount
UASI	\$2,869,208.00

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

### Project # 7

## Project Information - Project # 7

**Project Name:** Social Services Resilience and Sustainability

**Project Description:** This project provides community preparedness assistance for our most socially vulnerable populations within community based organizations. This project will provide continuity of operations planning, emergency planning education, technical assistance, and resources to key neighborhood organizations region wide, in order to better assess and address community resilience emergency planning needs for MBHSR communities within the context of emerging social resilience.

**Funding Amount:** \$2,869,208.00

**Subgrantee:** Boston UASI

**Grantee Type:** Local Jurisdiction / Entity

**Project Location:** 02201

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

**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	\$70,500.00	100%
Organization	\$0.00	0%
Equipment	\$0.00	0%
Training	\$0.00	0%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$70,500.00</b>	<b>100%</b>

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

**Project Management Step:** Plan

**Project Start Date:** JANUARY 2019

**Project End Date:** JUNE 2021

**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
2017	Enhance Regional Planning, Preparedness and Resilience, including the Whole Community	Planning

## II. Project Management - Investment # 7

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

Funding Source	Funding Amount
UASI	\$2,869,208.00

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

### Project # 8

## Project Information - Project # 8

**Project Name:** Regional Evacuation Phase 3

**Project Description:** This project will build on the previous two phases of evacuation planning for the MBHSR. These next steps will include: the identification and procurement of a suitable marking system for the region's evacuation network in order to inform the public of available routes, and the update of modelling data to incorporate health care facilities into the regional evacuation network.

**Funding Amount:** \$2,869,208.00

**Subgrantee:** Boston UASI

**Grantee Type:** Local Jurisdiction / Entity

**Project Location:** 02201

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

**Primary Core Capability:** Public Information and Warning

**Capability Building:** Build

**Deployable:** No

**Shareable:** No

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$141,000.00	100%
Organization	\$.00	0%
Equipment	\$.00	0%
Training	\$.00	0%
Exercises	\$.00	0%
<b>Total</b>	<b>\$141,000.00</b>	<b>100%</b>

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

**Project Management Step:** Plan

**Project Start Date:** JANUARY 2019

**Project End Date:** JUNE 2021

**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
2016	Enhance Regional Planning, Preparedness and Resilience, Including the Whole Community	Planning
2017	Enhance Regional Planning, Preparedness and Resilience, including the Whole Community	Planning

## II. Project Management - Investment # 7

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

Funding Source	Funding Amount
UASI	\$2,869,208.00

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

### Project # 9

## Project Information - Project # 9

**Project Name:** Recovery Planning

**Project Description:** The MBHSR recognizes that recovery planning is a key component to a community returning to a new normal state in the aftermath of a disaster. This project seeks to reduce the gaps that exist in the MBHSR surrounding regional recovery planning and build upon ongoing recovery planning efforts.

**Funding Amount:** \$2,869,208.00

**Subgrantee:** Boston UASI

**Grantee Type:** Local Jurisdiction / Entity

**Project Location:** 02201

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

**Primary Core Capability:** Planning

**Capability Building:** Sustain

**Deployable:** No

**Shareable:** Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$141,000.00	100%
Organization	\$ .00	0%
Equipment	\$ .00	0%
Training	\$ .00	0%
Exercises	\$ .00	0%
<b>Total</b>	<b>\$141,000.00</b>	<b>100%</b>

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

**Project Management Step:** Plan

**Project Start Date:** JANUARY 2019

**Project End Date:** JUNE 2021

**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
2017	Strengthen All-Hazards Recovery Capabilities	Planning

(End of Investment # 7.)

# Investment #8

## Investment Information - Investment #8

**II.A Investment Name:** Strengthen Cyber Security Capabilities

**II.B Investment Type:** Non-Competitive

## I. Overview - Investment # 8

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

Funding Source	Funding Amount
UASI	\$347,800.00

II.D - Is this the consolidated Fusion Center Investment? No

II.E - How much of this Investment will be obligated towards Law Enforcement Terrorism Prevention Activities (LETPA): \$347,800.00

### II.F - Investment Description:

This investment area highlights the MBHSR's new focus on cybersecurity as its own investment area. Cyberspace and its underlying infrastructure are vulnerable to a wide range of risks stemming from both physical and cyber threats and hazards. According to the 2017 National Preparedness Report "malicious cyber activities, such as ransomware attacks on critical services, highlighted the need for strengthened Protection capabilities" and this investment area addresses the key findings identified in the 2017 National Preparedness Report: Lessons learned from the 2015 Office of Personnel Management data breaches continue to prompt actions to better safeguard sensitive data on government employees and contractors. The projects that make up this investment area focus on the following core capabilities as outlined in the 2017 MBHSR THIRA: Cybersecurity (page 18) and Access Control and Identity Verification (page 16-17). Additionally, this investment area will address capability gaps as identified in the 2017 Commonwealth SPR using the POETE elements. An example of these gaps for the Cybersecurity Core Capability are the same for all of the elements and the gaps include: Continuity of operations for cyber systems; Controlling electronic access; Detecting malicious activity; End-user awareness; Guidelines, regulations, and standards; Investigating malicious actors; Protective measures; Securing CIKR and SCADA systems; Sharing threat information; and Technical countermeasures. The projects that make up this investment area are focused on building and sustaining capability. The proposed activities of this investment area are a priority because they will contribute to the MBHSR's ability to close identified gaps in the 2017 MBHSR THIRA and 2017 Commonwealth SPR.

## II. Project Management - Investment # 8

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

Funding Source	Funding Amount
UASI	\$347,800.00

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

### Project # 1

## Project Information - Project # 1

**Project Name:** Cyber Security Initiatives

**Project Description:** This project will include four key initiatives: 1) MBHSR Cyber Security Liaison, 2) Cyber Security Infrastructure Hardening, 3) Kaspersky Mitigation, and 4) Two-Factor Authentication. The MBHSR Cyber Security Liaison will work with the nine MBHSR jurisdictions to manage infrastructure hardening projects, facilitate cyber security working group meetings, and coordinate regional cyber disruption exercises. The liaison will also recommend hardware and software cyber security infrastructure hardening procurements. The Kaspersky Mitigation funding will enable impacted municipalities to replace their federally-banned software with a new antivirus solution. And the Two-Factor Authentication funding will provide public safety agencies extra safeguards to protect networks from unauthorized access.

**Funding Amount:** \$347,800.00

**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:** Build

**Deployable:** No

**Shareable:** Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$300,800.00	86.49%
Organization	\$.00	0%
Equipment	\$47,000.00	13.51%
Training	\$.00	0%
Exercises	\$.00	0%
<b>Total</b>	<b>\$347,800.00</b>	<b>100%</b>

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

**Project Management Step:** Plan

**Project Start Date:** JANUARY 2019

**Project End Date:** JUNE 2021

**Does this project require new construction, renovation, retrofitting or modifications of existing structure?** No

**Supports Previous Awarded Investment?** No

(End of Investment # 8.)



# Investment #9

## Investment Information - Investment #9

**II.A Investment Name:** SAA- State Share Projects

**II.B Investment Type:** Non-Competitive

## I. Overview - Investment # 9

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

Funding Source	Funding Amount
UASI	\$3,500,000.00

II.D - Is this the consolidated Fusion Center Investment? Yes

II.E - How much of this Investment will be obligated towards Law Enforcement Terrorism Prevention Activities (LETPA): \$1,750,000.08

### II.F - Investment Description:

Between 2010 and 2015, Massachusetts experienced 11 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: blizzards, tropical storms/hurricanes, tornados, flooding, catastrophic water system failure, and the Boston Marathon terrorist attack. With help from the 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. Boston and Massachusetts were strong in the wake of the 2013 bombing and manhunt because of a decade of preparation efforts. 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. This year, the Commonwealth hopes to see its 4 non-UASI homeland security planning regions coordinate their efforts to ensure that tech rescue teams across the state share equal capabilities. We anticipate continued support for core capabilities comprising all 5 mission areas. Massachusetts also plans to focus on priority areas as highlighted in the 2017 THIRA, such as active shooter, radiological and nuclear attacks, and complex coordinated attacks. More evident than in any other year, cybersecurity is now one of the highest priorities for Massachusetts, with several projects proposed to strengthen this capability. In 2015, the Executive Office of Public Safety and Security established a cyber working groups. Three years later, the Commonwealth is committed to developing and implementing a statewide program.

## II. Project Management - Investment # 9

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

Funding Source	Funding Amount
UASI	\$3,500,000.00

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

### Project # 1

## Project Information - Project # 1

**Project Name:** Cyber Security Advisor  
**Project Description:** Support for State Cyber Security Advisor -Cyber Security Analyst  
**Funding Amount:** \$3,500,000.00  
**Subgrantee:** Executive Office of Public Safety and Security  
**Grantee Type:** SAA/DTG  
**Project Location:** 02108

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

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

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$ .00	0%
Organization	\$41,250.00	100%
Equipment	\$ .00	0%
Training	\$ .00	0%
Exercises	\$ .00	0%
<b>Total</b>	<b>\$41,250.00</b>	<b>100%</b>

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

**Project Management Step:** Execute  
**Project Start Date:** SEPTEMBER 2018  
**Project End Date:** AUGUST 2020  
**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
2017	SAA- State Share Projects	In process

## II. Project Management - Investment # 9

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

Funding Source	Funding Amount
UASI	\$3,500,000.00

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

### Project # 2

## Project Information - Project # 2

**Project Name:** FLIR Replacement

**Project Description:** The Air Wing requests funding for One (1) military qualified, state of the art, leading edge, technologically advanced FLIR Star SAFIRE HD High Definition system. The acquisition of this equipment would launch the Air Wing to the forefront of the latest search, rescue, surveillance and reconnaissance technology. As the ONLY statewide airborne law enforcement unit, the Air Wing and its associated FLIR HD systems would be an asset available to all state and local public safety and homeland security agencies within the Commonwealth. All department aircraft are installed with an airborne Forward Looking InfraRed (FLIR) system. These systems are installed on the belly of the aircraft in a "turret" configuration. This turret contains the optics of the system which relays its signal to components within the aircraft and ultimately to a flat video screen on the instrument panel. The system is an integral tool utilized by the Air Wing on a daily basis that assists the aircrew with a variety of missions. The systems have two viewing capabilities: FLIR, which is a heat observation mode and also video color camera mode. In the FLIR mode, the aircrew has the ability to search for objects/persons based off of heat differentials. The FLIR displays objects viewed and their associated "signatures" based on the amount of heat generated in comparison to the surrounding environment. In this capacity, the aircrew has the advantage to "see" where the naked eye could not. This capability greatly enhances the crew's ability to see at night. People, when viewed by the FLIR, project a "silhouette" of their body shape and, based on their body temperature in contrast to ambient temperature, are much easier to locate with the aid of this system. The Air Wing has a positive success rate of finding both objects and persons through the use of this technology. In the Color Camera mode, the FLIR has the ability to provide aerial observation of ground activities with the enhancement of an uninterrupted continuous zoom power lens. This gives the aircrew the capabilities of observing activities, uninterrupted, on the ground from several hundred feet above. As with the FLIR mode of the system, the color camera has proven many missions successful in support of search, surveillance and reconnaissance. A final feature of the current FLIR system is the downlink capability. At any time, the aircrew can downlink or relay images of what they are viewing to a ground unit. This relay is real-time, as it happens and can be received by several different methods. One such method is via the mounted downlink systems that were recently purchased through Homeland Security Funding. This FLIR system completes the Downlink Project. Additionally, the downlink can be utilized via several Department Fire Services mobile command posts and also through the Traffic Operations Center (TOC) when operating in the Metropolitan Boston Area.

**Funding Amount:** \$3,500,000.00

**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 # 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	\$590,531.00	100%
Training	\$ .00	0%
Exercises	\$ .00	0%
<b>Total</b>	<b>\$590,531.00</b>	<b>100%</b>

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

**Project Management Step:** Initiate

**Project Start Date:** SEPTEMBER 2018

**Project End Date:** AUGUST 2020

**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	\$3,500,000.00

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

### Project # 3

## Project Information - Project # 3

**Project Name:** Tactical Robots

**Project Description:** Robots have become an invaluable component of tactical operations. They provide the capability to gather intelligence, conduct surveillance and monitor areas of responsibility without introducing human operators into a potentially dangerous environment. Almost all tactical robots have some attributes in common: they are wheeled or tracked platforms, they are operated remotely (with various ranges), they are rechargeable and they are equipped with cameras that allow for remote viewing of video feed. Some robots have additional capabilities including articulated arms, audio detection, etc. For maximal benefit to SWAT units, tactical robots must be reliable, easily portable, rapidly deployable, rugged and easy to operate. The (Special Tactical Operations Team) STOP Team proposal is to procure two additional robot systems: two Recon Robotix Throwbot XT units and two Search Sticks. The Search Sticks are collapsible poles that can be attached to the Throwbot to convert it into a pole camera which would allow the Throwbot to gather intelligence of areas in heights the Throwbot may not be able to access on its own. This would allow for all three regional teams to have a Recon Robotix Throwbot at their immediate disposal. It would be assigned to the regional Team Leader who would have it with them at activations and would be responsible for the upkeep and maintenance of the unit. The acquisition of these systems would allow for the STOP Team to deploy at least two robot systems at any activation. It would also provide the capability to have robot deployment at long duration activations where a depleted robot can be taken offline and recharged without losing capability.

**Funding Amount:** \$3,500,000.00

**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 # 3

**Primary Core Capability:** Screening, Search, and Detection

**Capability Building:** Sustain

**Deployable:** Yes

**Shareable:** Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$ .00	0%
Organization	\$ .00	0%
Equipment	\$30,710.12	100%
Training	\$ .00	0%
Exercises	\$ .00	0%
<b>Total</b>	<b>\$30,710.12</b>	<b>100%</b>

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

**Project Management Step:** Execute

**Project Start Date:** SEPTEMBER 2018

**Project End Date:** AUGUST 2020

**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



## II. Project Management - Investment # 9

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

Funding Source	Funding Amount
UASI	\$3,500,000.00

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

### Project # 4

## Project Information - Project # 4

**Project Name:** Commonwealth Fusion Center, Fusion Center Maturation

**Project Description:** This project will permit the Commonwealth Fusion Center (CFC) to continue its intelligence and information sharing initiatives while allowing the center to sustain gains in the baseline capabilities for fusion centers. It will allow for the continuation of the CFC's Privacy/Security Officer, Fusion Liaison Officer Intelligence Analyst, Training Coordinator, participation in the Nationwide Suspicious Activity Reporting (SAR) Initiative (NSI), and a Cyber Intel Analyst to support the MA Cybersecurity Program (MCP) and other cyber related initiatives. This project will continue to provide technological solutions to promote enhanced intelligence and information sharing utilizing LPR trailers and cameras. ACISS case management enhancements will allow custom development of feature requests and reports in addition to supporting information sharing. It will allow additional data sets to be included and platform improvements to the Coplink criminal information database including text analytics. It will provide cyber training and will support intelligence analyst training and training of CFC law enforcement liaisons as well as a joint training conference with the New England High Intensity Drug Trafficking Area (NEHIDTA).

**Funding Amount:** \$3,500,000.00

**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 # 4

**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	\$504,303.97	67.24%
Organization	\$4,022.53	.54%
Equipment	\$178,673.50	23.82%
Training	\$63,000.00	8.4%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$750,000.00</b>	<b>100%</b>

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

**Project Management Step:** Execute

**Project Start Date:** SEPTEMBER 2018

**Project End Date:** AUGUST 2020

**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
2015	SAA-State Share Projects	Completed
2016	SAA- State Share Projects	In process
2017	SAA- State Share Projects	In process





## II. Project Management - Investment # 9

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

Funding Source	Funding Amount
UASI	\$3,500,000.00

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

### Project # 5

## Project Information - Project # 5

**Project Name:** Cyber Crime Unit Response Improvement - Cybersecurity / Network Forensics

**Project Description:** The Massachusetts State Police Cyber Crime Unit (MSP-CCU) is one of several components of the Massachusetts State Police's Division of Homeland Security and Preparedness (MSP-DHS). The MSP-CCU is a statewide unit; members of the unit regularly assist law enforcement in communities throughout the Commonwealth. In the past two months members have conducted and supported investigations and operations in the following communities: Charlton, Hamilton, Worcester, Oxford, Lakeville, Rockland, Chelsea, Lowell, Hopedale, Leicester, Brockton, Middleton, Lynn, Holden, Shrewsbury, Fairhaven, Spencer, Upton, Athol, Boston, Springfield, Webster, Chicopee, Avon, Milford, Cambridge, West Springfield, Pepperell, Methuen, Haverhill, and East Brookfield. The MSP-CCU consists of one (1) Detective Lieutenant, one (1) Sergeant, and twelve (12) Troopers, all of whom are sworn members of the Massachusetts State Police. Among the several missions of the MSP-CCU is the mandate to examine digital evidence in a variety of forms. As such, this group of Troopers represent a unique arm of law enforcement in Massachusetts as multi-discipline personnel trained and practiced in digital forensics and law enforcement. The examinations conducted by these Troopers are in support of the MSP-CCU's own investigations as well as various operations and criminal investigations conducted by local, state, and federal partners. The MSP-CCU regularly examines an array of digital media devices. The proposed project is intended to address one (1) specific need of the MSP-CCU relative to the unit's mission to provide digital forensic support to the law enforcement community in Massachusetts. In addition to providing forensic investigative support and collaboration to the Commonwealth's Chief Information Security Officer (CISO), as well as the new Security Operations Center (SOC) at the Massachusetts Information Technology Center (MITC), in the event of a threat or intrusion to the Commonwealth's network, this project will address this need of the Massachusetts State Police through training and equipment.

**Funding Amount:** \$3,500,000.00

**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 # 5

**Primary Core Capability:** Forensics and Attribution

**Capability Building:** Build

**Deployable:** No

**Shareable:** Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$0.00	0%
Organization	\$0.00	0%
Equipment	\$72,853.00	42.85%
Training	\$97,147.00	57.15%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$170,000.00</b>	<b>100%</b>

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

**Project Management Step:** Initiate

**Project Start Date:** SEPTEMBER 2018

**Project End Date:** AUGUST 2020

**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	\$3,500,000.00

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

### Project # 6

## Project Information - Project # 6

**Project Name:** Special Deployment Vehicle

**Project Description:** The Massachusetts State Police play a vital role in fulfilling the Commonwealth's State Priorities for fiscal year 2018. Critically important in the State Police's mission is the organization's ability to covertly and overtly monitor critical infrastructure and criminal activity using video surveillance equipment. The new division within the State Police, Department of Homeland Security Technical Services Unit (TSU), is tasked with the installation and maintenance of the state wide video surveillance system. A Special Deployment Vehicle (SDV) is essential in the deployment and maintenance of this system. The State Police DHS division has utilized Special Deployment Vehicles for approximately eighteen years. The last SDV was purchased in 2012. The Department currently operates two SDVs, but the current operational tempo requires a third. The TSU now has responsibilities not only within the Commonwealth but neighboring states, Rhode Island and New Hampshire. This proposal intends to fill the gap between an ever growing demand for video surveillance services and the State's requirement to maintain an essential component of the Homeland Security Department's priority; preventing, responding, and recovering from coordinated terrorist activity and possible nuclear incidents.

**Funding Amount:** \$3,500,000.00

**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 # 6

**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	\$0.00	0%
Organization	\$0.00	0%
Equipment	\$105,000.00	100%
Training	\$0.00	0%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$105,000.00</b>	<b>100%</b>

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

**Project Management Step:** Initiate

**Project Start Date:** SEPTEMBER 2018

**Project End Date:** AUGUST 2020

**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	\$3,500,000.00

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

### Project # 7

## Project Information - Project # 7

**Project Name:** Response to Active Shooter Training

**Project Description:** MSP STOP Team has developed and implemented an eight-hour, exportable program of instruction that delivers timely, meaningful training for patrol officers responding to an "active shooter" situation. This program was started in 2000. Since its inception, this program has served over 130 departments and over 10000 students. Currently, the demand for participation in this program has exceeded the State Police's ability to deliver due to budgetary considerations. An outside funding source would alleviate budget concerns and allow all interested departments to schedule and receive training in a timely manner. **GOALS:** The Massachusetts State Police STOP Team provides nationally modeled training for approximately 192 state & local patrol officers to respond to an "active shooter" situation. **OBJECTIVES:** Complete 12 training events with 16 students being trained at each event, to include: • Logistical preparation • Classroom presentation • Practical Training • Post-training review Complete quarterly equipment maintenance for program-related equipment **PERFORMANCE MEASURES:** As stated, this program has been in effect since 2000 and records have been kept since inception. The Program Coordinator will keep a file of all relevant paperwork including date and time of training, location of training, roster of students and roster of instructors. All records are kept on file at the STOP Team Headquarters and will be utilized to file Quarterly Reports. While it is difficult to quantify the impact of the program other than in terms of officers trained, anecdotal evidence in the form of on-file official correspondence from host departments strongly suggests that the training is challenging and meaningful. Indeed, the majority of departments requesting training have learned of the training through positive "word of mouth" feedback from other departments. Also, there are many departments who have participated in the training on numerous occasions, some participating annually as part of their "in-service" training. The benefits that have been realized from this training go far beyond that of the added skill sets of the newly-trained officers. The training has fostered a closer working relationship between the Massachusetts State Police and the numerous departments who have participated in the training and those effects are felt in day-to-day operations with those agencies. Tracking all departments and officers who participate will be critical in achieving the overall goal: to provide all responding officers with a uniform set of skills and tactics to maximize effectiveness and officer safety. Uniformity is a critical component given the likelihood that there will likely be a multiple departments responding to an incident as in the case of Columbine, Virginia Tech or Sandy Hook. The ability to blend law enforcement officers from any department into a cohesive team facilitates the ability to rapidly interdict a suspect's deadly behavior and save lives. After completion of training, a follow-up is conducted with the host department's representative to ensure training was successful and was performed to acceptable standards.

**Funding Amount:** \$3,500,000.00

**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 # 7

**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	\$3,400.00	4.47%
Training	\$72,676.88	95.53%
Exercises	\$ .00	0%
<b>Total</b>	<b>\$76,076.88</b>	<b>100%</b>

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

**Project Management Step:** Plan

**Project Start Date:** SEPTEMBER 2018

**Project End Date:** AUGUST 2020

**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	\$3,500,000.00

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

### Project # 8

## Project Information - Project # 8

**Project Name:** CBRNE Personal Protective Equipment Upgrade

**Project Description:** The Massachusetts State Police Special Emergency Response Team (SERT) is a highly trained mobile field force comprised of fifty state police officers from around the Commonwealth. SERT is tasked with responding to incidents involving WMD, terrorist threat assessments for critical infrastructure and security of these sites, civil disturbances, special event crowd management and wilderness search and rescue. The proposed project will upgrade SERT with new Chemical, Biological, Radiation, Nuclear, and Explosive (CBRNE) rated Level-C personal protective equipment (PPE) as defined in Guidelines for Use of Personal Protective Equipment by Law Enforcement Personnel During A Terrorist Chemical Agent Incident prepared by the U.S. Army Soldier and Biological Chemical Command (SBCCOM). Level-C PPE will provide protection suitable for rapid and sustained response to terrorist related CBRNE incidents, especially those related to radiation emergencies where alpha and/or beta radiation, exists. This is in line with FFY2018 HSGP State Priority #3 regarding preventing, responding to, and recovering from a radiation/nuclear attack. Currently NO statewide law enforcement agency, outside of the Massachusetts State Police possesses this capability. This program extends the FFY10 Homeland Security Grant Program award which outfitted SERT with fifty Dupont Chemtrec protective suits. These suits have a shelf life of five years under ideal storage conditions, where temperatures are maintained at seventy degrees in a humidity controlled environment. The protective ensembles supplied to SERT are regularly exposed to extremes in temperature as they are carried in the trunks of cruisers under all weather conditions to insure rapid response. This has caused the protective abilities of some suits to degrade from cracking and brittleness and therefore no longer be effective in protecting members in a CBRNE incident. This creates a dangerous and potentially fatal hazard for responders if the equipment is not replaced. To sustain this program, individual members of SERT will be responsible for the care and upkeep of issued PPE. Program sustainability will be maintained by acquisition of future grant funds and financial outlays from the Massachusetts State Police (MSP) Budget when available. This project will be managed by the SERT Commander who will oversee the issuance, fit-testing, upkeep, usage and replacement of acquired PPE. Subject matter expertise on this matter is extensive and requires a continuing investment on the part of SERT and the MSP. Currently, training for SERT continues in conjunction with the Department of Homeland Security's Center for Domestic Preparedness, which includes the U.S. Army, the Massachusetts Fire Services and other partners. The PPE requested through this grant would be used by trained SERT members in the event of a terrorist incident involving CBRNE agents. The PPE would be used for training purposes three times annually to the extent shelf life is not adversely affected. The MSP will serve as the owners of the requested equipment, though equipment would be assigned to individual SERT officers who will be responsible for its use and care.

**Funding Amount:** \$3,500,000.00

**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 # 8

**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	\$27,682.00	100%
Training	\$ .00	0%
Exercises	\$ .00	0%
<b>Total</b>	<b>\$27,682.00</b>	<b>100%</b>

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

**Project Management Step:** Execute

**Project Start Date:** SEPTEMBER 2018

**Project End Date:** AUGUST 2020

**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	\$3,500,000.00

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

### Project # 9

## Project Information - Project # 9

**Project Name:** SAA Management and Administrative Percentage

**Project Description:** Per the FFY2018 Notice of Funding Opportunity, "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 up to five percent of HSGP funds awarded may be retained by the state, and any funds retained are to be used solely for M&A purposes associated with the HSGP award." The following investment contains the budgeted 5% M&A expenses for the SAA.

**Funding Amount:** \$3,500,000.00

**Subgrantee:** Executive Office of Public Safety and Security

**Grantee Type:** SAA/DTG

**Project Location:** 01760

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

**Primary Core Capability:** Planning

**Capability Building:** Sustain

**Deployable:** No

**Shareable:** Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$ .00	0%
Organization	\$875,000.00	100%
Equipment	\$ .00	0%
Training	\$ .00	0%
Exercises	\$ .00	0%
<b>Total</b>	<b>\$875,000.00</b>	<b>100%</b>

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

**Project Management Step:** Execute

**Project Start Date:** SEPTEMBER 2018

**Project End Date:** AUGUST 2021

**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
2017	SAA- State Share Projects	In process



## II. Project Management - Investment # 9

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

Funding Source	Funding Amount
UASI	\$3,500,000.00

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

### Project # 10

## Project Information - Project # 10

**Project Name:** Active Shooter Hostile Event Training Program

**Project Description:** The Massport Fire-Rescue Department would like to build upon training received through the Active Shooter Training Program (funded through the FFY 2015 Homeland Security Grant Program) and the Operation Ready – 2017 project (funded 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 NAEMT Tactical Emergency Casualty Care program and certification. The course encompasses lessons learned from our military and applied to the civilian world of tactical medicine as well as topics designed to decrease preventable death in the tactical situation, including hemorrhage control, advanced airway management and needle decompression, strategies for treating wounded responders in threatening 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 training was offered in August 2017 to a group of 25 first responders from Massport Fire-Rescue and other partner agencies and was considered invaluable. Additionally, as part of this training program, the Massport Fire-Rescue Department is planning to purchase a portable battery-powered hydraulic rescue tool kit for use in gaining access to blocked or barricaded areas as a result of a violent incident (such as at the West Nickel Mines School shooting in Pennsylvania in 2006 and the Virginia Tech shooting in in 2007 where the assailant chained the three main entrance doors shut restricting access) or an incident involving a vehicle-borne improvised explosive device (such as at the Glasgow Airport attack in 2007). The lightweight portable hydraulic rescue tool kit will be easily mobile and assigned on a first response fire vehicle so that in the event of a violent incident where law enforcement needs assistance gaining access, Massport Fire-Rescue would be able to provide an immediate response. Training scenarios utilizing this equipment will be incorporated into the scenario portion of the Tactical Emergency Casualty Care Certification Course.

**Funding Amount:** \$3,500,000.00

**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 # 10

**Primary Core Capability:** Operational Coordination

**Capability Building:** Sustain

**Deployable:** No

**Shareable:** Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$ .00	0%
Organization	\$ .00	0%
Equipment	\$40,000.00	41.03%
Training	\$57,500.00	58.97%
Exercises	\$ .00	0%
<b>Total</b>	<b>\$97,500.00</b>	<b>100%</b>

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

**Project Management Step:** Plan

**Project Start Date:** SEPTEMBER 2018

**Project End Date:** AUGUST 2020

**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
2016	SAA- State Share Projects	Completed

## II. Project Management - Investment # 9

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

Funding Source	Funding Amount
UASI	\$3,500,000.00

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

### Project # 11

## Project Information - Project # 11

**Project Name:** Industrial Control Systems Cyber Security Training for MWRA's SCADA staff

**Project Description:** This training initiative is motivated by a need to expand the knowledge, awareness and technical skills of MWRA Supervisory Control and Data Acquisition (SCADA) and Process Information and Control System (PICS) staff in the area of cyber security related to industrial controls systems. The proposed training aligns well with the Massachusetts FFY 2018 HSGP State Priority on enhancing cyber security awareness, developing programs and processes to prevent and detect cyber intrusions, and hardening cyber infrastructure. MWRA supplies wholesale finished water and wastewater services to 2.5 million people in Massachusetts through 61 customer-communities. MWRA's Water and Wastewater Transmission, Treatment, Distribution and Collections systems are monitored and controlled using industrial controls systems that include both SCADA systems and a Distributed Control System (DCS). The goal of this project is to train 16 staff members in a hands-on advanced industrial control security class. If this grant is approved and there are scheduling conflicts that prevent all 16 employees from attending the course, the MWRA's first choice would be to offer any open slots to other Massachusetts water utility employees that are responsible for SCADA or other industrial control systems. The MWRA is also open to reducing the class size and cost to match the actual number of MWRA employees that can attend. Given MWRA's large customer base, preventing, detecting and responding to potential cyber-attacks on its industrial controls systems, which enable the monitoring and control of the MWRA facilities and processes, is important both from a consumer safety and a national security perspective. The main objective of the proposed training is to provide in-depth, hands-on, technical training for understanding how cyber-attacks work, and to providing knowledge of tools and techniques to prevent, detect and recover from cyber-attacks. The specific objectives of this training will be to instruct MWRA staff on: (1) known cyber-attack tools, techniques and procedures (TTPs) used by adversaries; (2) develop methods to survey the MWRA attack surface, including fingerprinting MWRA control system components and communications within the industrial controls systems networks; (3) perform security assessments of MWRA industrial control systems devices, networks and configurations; (4) evaluate the MWRA industrial controls systems designs with respect to cyber security resilience; (5) understanding open source vulnerability notifications such as those provided by the National Cybersecurity and Communications Integration Center (NCCIC) and the Industrial Control Systems Cyber Emergency Response Team (ICS-CERT); (6) techniques and practices for developing secure architectures, configurations and communications; and (7) methods and best practices for monitoring cyber and physical controls of industrial controls systems components. The course that has been identified that meets the stated objectives is the Control System Cybersecurity Course developed and delivered by Cybati. The course is a five day, in-depth course that covers relevant content for securing industrial controls systems. The course content is relevant and comprehensive, and the course is delivered in a turnkey manner on site at the MWRA. Cybati brings all hardware, software and other course materials required for each student, with them. This includes a laptop, controller, I/O board and all requisite software licenses. The course instructor, Matthew Luallen, is on the leading edge of cybersecurity for industrial control systems. He was also a co-founder of Dragos Security.

**Funding Amount:** \$3,500,000.00

**Subgrantee:** Massachusetts Water Resources Authority

**Grantee Type:** Other State Agency (Non-SAA)

**Project Location:** 02150

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

**Primary Core Capability:** Cybersecurity

**Capability Building:** Build

**Deployable:** No

**Shareable:** Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$ .00	0%
Organization	\$ .00	0%
Equipment	\$ .00	0%
Training	\$67,920.00	100%
Exercises	\$ .00	0%

<b>Total</b>	<b>\$67,920.00</b>	<b>100%</b>
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**III.B - Project Baseline and Management - Project # 11**

**Project Management Step:** Initiate

**Project Start Date:** SEPTEMBER 2018

**Project End Date:** AUGUST 2020

**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	\$3,500,000.00

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

### Project # 12

## Project Information - Project # 12

**Project Name:** System-Wide Cyber Security Functional Exercise

**Project Description:** The University of Massachusetts (UMass) is a public university system consisting of five-campuses located throughout the Commonwealth (e.g., Amherst, Boston, Dartmouth, Lowell, Worcester-Medical School) and the President's Office for central administration. These six operating units play a key role in their communities, not only educating thousands of individuals but also serving as an economic driver and as cultural hubs across the state. The large numbers of students, faculty, and visitors at these locations requires the UMass university system to take an all-hazards approach in preparing to respond to and recover from an incident or threat requiring the activation of emergency response plans. The proposed project for consideration is for the five UMass campuses (Amherst, Boston, Dartmouth, Lowell and Worcester Medical School) and the President's Office to receive funding to conduct a system-wide cybersecurity functional exercise, which would also involve key departments from the local communities that each of the campuses reside, MEMA, State Police and other key state agencies that would be responding to an emergency impacting the University communities. It is extremely important to involve all of these organizations, because a cybersecurity situation this large at any one of the UMass campuses may impact all the communities surrounding the campus. UMass will follow the Department of Homeland Security (DHS) Homeland Security Exercise Evaluation Program (HSEEP) methodology to design, conduct, and evaluate the exercise. UMass will hire a contractor who will design and conduct the functional exercise. The contractor will be responsible for developing all exercise planning documents, which will include a situation manual, exercise plan, controller/evaluator handbook, master scenario events list and exercise evaluation guide. UMass will create an Exercise Planning Subcommittee that will be responsible for working with the contractor and coordinating activities for the exercise. The contractor will facilitate four planning conferences (Initial Planning, Mid-Term, Final Planning and Debrief After-Action Report Conference) with the Exercise Planning Subcommittee and key stakeholders to validate the scenario and identify expected actions. The contractor will then conduct the functional exercise and provide one facilitator and one evaluator at each of the UMass campuses, President's Office and other locations identified by the Exercise Planning Subcommittee.

**Funding Amount:** \$3,500,000.00

**Subgrantee:** University of Massachusetts- President's Office

**Grantee Type:** Other State Agency (Non-SAA)

**Project Location:** 01003

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

**Primary Core Capability:** Cybersecurity

**Capability Building:** Build

**Deployable:** No

**Shareable:** Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$0.00	0%
Organization	\$0.00	0%
Equipment	\$0.00	0%
Training	\$0.00	0%
Exercises	\$78,750.00	100%
Total	\$78,750.00	100%

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

**Project Management Step:** Initiate

**Project Start Date:** SEPTEMBER 2018

**Project End Date:** AUGUST 2020

**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	\$3,500,000.00

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

### Project # 13

## Project Information - Project # 13

**Project Name:** Emergency Preparedness Program for Persons with Disabilities

**Project Description:** The Massachusetts Office on Disability (MOD) hosts meetings to bring together people with disabilities and local emergency preparedness professionals. The purpose of these meetings is to explore how to ensure that people with disabilities have the assistance they need in times of emergency. Communities across the Commonwealth are planning for emergency situations. Some of these situations are natural disasters, others are man-made/caused; some require evacuation while others require sheltering at home. Members of the disability community will learn about the emergency response resources and procedures within their local communities and the steps that can be taken personally to prepare for and recover from emergency situations. These meetings allow for a direct dialogue between persons with disabilities who may need assistance during an emergency and the actual first responders who will assist them. MOD's waitlist for these meetings continues to grow. MOD currently has 31 organizations waiting for meetings in their community. We could easily add more communities/organizations as demand for our program continues to grow.

**Funding Amount:** \$3,500,000.00

**Subgrantee:** Massachusetts Office on Disability

**Grantee Type:** Other State Agency (Non-SAA)

**Project Location:** 02108

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

**Primary Core Capability:** Community Resilience

**Capability Building:** Sustain

**Deployable:** No

**Shareable:** Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$0.00	0%
Organization	\$75,085.00	63.67%
Equipment	\$38,500.00	32.65%
Training	\$4,350.00	3.69%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$117,935.00</b>	<b>100%</b>

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

**Project Management Step:** Execute

**Project Start Date:** SEPTEMBER 2018

**Project End Date:** AUGUST 2020

**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
2015	SAA-State Share Projects	Completed
2016	SAA- State Share Projects	In process
2017	SAA- State Share Projects	In process

## II. Project Management - Investment # 9

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

Funding Source	Funding Amount
UASI	\$3,500,000.00

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

### Project # 14

## Project Information - Project # 14

**Project Name:** Statewide Fire & EMS Mobilization Plan Review and Update

**Project Description:** The Massachusetts Emergency Management Agency (MEMA), in collaboration with the Fire Chiefs Association of Massachusetts (FCAM), the Fire and Emergency Medical Services Mobilization Committee, and the Department of Fire Services, is proposing a comprehensive, multi-discipline planning initiative focused on the review and enhancement of the current Statewide Fire and Emergency Medical Services (EMS) Mobilization Plan[1] (hereafter known as “the Plan”). A key response and operational consideration in preparing for a complex pre-planned event or dealing with an unplanned incident is to ensure adequate hazardous materials, special rescue, fire, and EMS capabilities for providing sustained, seamless and standardized operations. The Plan provides local fire chiefs swift access to a large pool of fire and EMS resources that may be needed. The Plan facilitates the systematic mobilization, deployment, organization, and management of fire service and EMS resources to assist local agencies in a major fire, disaster or other major emergency. Such emergencies can include, but are not limited to, major fires, tornadoes, train derailments, hazardous materials incidents, wildland fires, domestic terrorism and other events that may overwhelm the local fire department serving the community and its normal mutual aid resources. This systematic plan can be utilized from the smallest incident to regional incidents up to and including catastrophic incidents, following the principles of the National Incident Management System (NIMS). The Plan is the accepted State Mutual Aid Plan to provide fire and EMS mutual aid assistance statewide when local and regional mutual aid systems are exhausted and additional resources are required for saving life, property and relieving personnel. MEMA is the designated coordination and authorizing entity for the Plan through Executive Order and state law[2], and the Fire and EMS Mobilization Committee (“Committee”), working with MEMA in conjunction with the Fire Chiefs Association of Massachusetts (FCAM), is responsible for the coordination of planning and identification and documentation of response assets. The Committee has identified several challenges, gaps and shortfalls in the Plan. As such, MEMA is requesting \$250,000 in FFY 2018 HSGP funds to hire a vendor to address these challenges, gaps and shortfalls by completing the following deliverables: • Conduct a comprehensive review and assessment of and apply national lessons learned and best practices to the Commonwealth’s Statewide Fire and EMS Mobilization Plan, to include an evaluation of: the current resource record management system (Massachusetts Mobilization Manager (M3)) to allow statewide access to resources; communications protocols; and interoperability events; • Based on the assessment and analysis of lessons learned, complete a comprehensive Plan update including the update of all statewide mobilization resources in M3; • Based on the newly revised plan, create training modules for Chief Officers, dispatchers, fire control points, fire department personnel and EMS professionals across the Commonwealth; and • Conduct an HSEEP-compliant tabletop exercise to evaluate and validate the updated Mobilization Plan.

**Funding Amount:** \$3,500,000.00

**Subgrantee:** Massachusetts Emergency Management Agency

**Grantee Type:** Other State Agency (Non-SAA)

**Project Location:** 01702

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

**Primary Core Capability:** Fire Management and Suppression

**Capability Building:** Build

**Deployable:** No

**Shareable:** Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$0.00	0%
Organization	\$250,000.00	100%
Equipment	\$0.00	0%
Training	\$0.00	0%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$250,000.00</b>	<b>100%</b>



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

**Project Management Step:** Plan

**Project Start Date:** SEPTEMBER 2018

**Project End Date:** AUGUST 2020

**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	\$3,500,000.00

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

### Project # 15

## Project Information - Project # 15

**Project Name:** Safe Schools Grant Program

**Project Description:** This project will be the creation of a competitive grant program aimed to provide funding to schools that seek to pursue target hardening measures for their facilities. To be eligible, applicants must have undergone threat assessments that have identified target hardening gaps. All of these UASI funds will be passed through to successful applicants. Review of these applications will be performed by the Commonwealth's Senior Advisory Committee. The key anticipated dates of the project are as follows: Availability of Grant Funds posted: Fall 2018 Bidder general informational session: Fall 2018 Deadline for submission of written questions: Fall 2018 Application submittal deadline: Winter 2018 Anticipated Award Announcements: Winter/Spring 2019 Grant Period: Each award's Period of Performance will vary but are generally expected to begin in Winter 2019 and end no later than August 31, 2020. This project meets the State Homeland Security Strategy of 4.3.4 Identify and implement mitigation activities to reduce vulnerability as it relates to all hazards, including terrorism.

**Funding Amount:** \$3,500,000.00

**Subgrantee:** Executive Office of Public Safety and Security

**Grantee Type:** SAA/DTG

**Project Location:** 02108

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

**Primary Core Capability:** Physical Protective Measures

**Capability Building:** Build

**Deployable:** No

**Shareable:** Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$221,645.00	100%
Organization	\$ .00	0%
Equipment	\$ .00	0%
Training	\$ .00	0%
Exercises	\$ .00	0%
<b>Total</b>	<b>\$221,645.00</b>	<b>100%</b>

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

**Project Management Step:** Initiate

**Project Start Date:** SEPTEMBER 2018

**Project End Date:** AUGUST 2020

**Does this project require new construction, renovation, retrofitting or modifications of existing structure?** No

**Supports Previous Awarded Investment?** No

(End of Investment # 9.)