



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

## **FY 2019 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, non-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	\$16,224,000	\$676,000	4%	\$16,900,000

# Investment #1

## Investment Information - Investment #1

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

**II.B Investment Type:** Standard Investment

## I. Overview - Investment # 1

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

Funding Source	Funding Amount
UASI	\$1,322,345.00

II.D - How much of this Investment will be obligated towards Law Enforcement Terrorism Prevention Activities (LETPA): \$649,845.00

### II.E - Investment Description:

This investment area focuses on securing the MBHSR community's safety and on improving various components of emergency response. In the 2018 National Preparedness Report it was identified that Operational Coordination was a key area of focus. "Lessons learned from recent disasters reflect the continued importance of strengthening coordination structures and processes to quickly act, streamline efforts, and enhance situational awareness." Investments in Regional Emergency Operation Center Upgrades and Emergency Management Software and Equipment Maintenance (specifically WebEOC) will help support and streamline efforts across the MBHSR, especially in the response and recovery mission areas, when it comes to incident command and resource management. In addition, the Emergency Management Software and Equipment Maintenance IJ addresses what was captured in the 2018 THIRA/SPR in the Equipment section of POETE for Logistics and Supply Chain Management. It was identified that this area needed to be built as well as sustained which indicates that shelter support equipment such as emergency generators, portable light towers, and VMS boards need to be maintained and replaced when they come to their end of use. The On-Scene Security, protection, and Law Enforcement core capability was identified in the 2018 THIRA/SPR to have gaps in both organization and equipment which will be addressed with the SWAT/SRT Equipment project where investments will be made in to the SWAT teams around the MBHSR so they can increase their capabilities and standardize across jurisdictions.

## II. Project Management - Investment # 1

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

Funding Source	Funding Amount
UASI	\$1,322,345.00

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

### Project # 1

## Project Information - Project # 1

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

**Project Description:** This project supports the maintenance and repairs of UASI-funded emergency management equipment across the MBHSR including message boards, generators, and light towers. It will also support the region's situational awareness posting board (WebEOC) used by all nine MBHSR municipalities and emergency management departments, the primary incident command coordinating tool in the event of a terrorist attack.

**Funding Amount:** \$1,322,345.00

**Subgrantee:** Boston UASI

**Grantee Type:** Local Jurisdiction / Entity

**Project Location:** 02201

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

**Primary Core Capability:** Logistics and Supply Chain Management

**Capability Building:** Sustain

**Deployable:** Yes

**Shareable:** Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$0.00	0%
Organization	\$0.00	0%
Equipment	\$225,000.00	100%
Training	\$0.00	0%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$225,000.00</b>	<b>100%</b>

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

**Project Management Step:** Execute

**Project Start Date:** JANUARY 2020

**Project End Date:** JUNE 2022

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

**Supports Previous Awarded Investment?** Yes

Prior Year	Investment	Last Completed Milestone
2017	Strengthen the Community's Safety & Security	Maintenance and Procurement
2018	Strengthen the Community's Safety & Security	Execute

## II. Project Management - Investment # 1

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

Funding Source	Funding Amount
UASI	\$1,322,345.00

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

### Project # 2

## Project Information - Project # 2

**Project Name:** SWAT/SRT Equipment

**Project Description:** This project will include the continued purchase of Special Response Team Equipment for sustainability and enhancement for each of the teams (Boston, Brookline, Cambridge, Quincy, Somerville 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. Backfill and overtime costs for training are also included.

**Funding Amount:** \$1,322,345.00

**Subgrantee:** Boston UASI

**Grantee Type:** Local Jurisdiction / Entity

**Project Location:** 02201

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

**Primary Core Capability:** On-scene Security, Protection, and Law Enforcement

**Capability Building:** Sustain

**Deployable:** Yes

**Shareable:** Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$0.00	0%
Organization	\$0.00	0%
Equipment	\$324,923.00	50%
Training	\$324,922.00	50%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$649,845.00</b>	<b>100%</b>

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

**Project Management Step:** Execute

**Project Start Date:** JANUARY 2020

**Project End Date:** JUNE 2022

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

**Supports Previous Awarded Investment?** Yes

Prior Year	Investment	Last Completed Milestone
2017	Strengthen the Community's Safety & Security	Procurement
2018	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	\$1,322,345.00

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

### Project # 3

## Project Information - Project # 3

**Project Name:** Regional EOC Sustainability And Upgrades

**Project Description:** This project funds sustainability projects and upgrades for each MBHSR Municipal Emergency Operations Center (EOC). It will provide for provide equipment and software upgrades to existing EOCs.

**Funding Amount:** \$1,322,345.00

**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:** Sustain

**Deployable:** No

**Shareable:** No

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$0.00	0%
Organization	\$0.00	0%
Equipment	\$447,500.00	100%
Training	\$0.00	0%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$447,500.00</b>	<b>100%</b>

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

**Project Management Step:** Execute

**Project Start Date:** JANUARY 2020

**Project End Date:** JUNE 2022

**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
2017	Strengthen the Community's Safety & Security	Procurement
2018	Strengthen the Community's Safety & Security	Procurement

(End of Investment # 1.)

# Investment #2

## Investment Information - Investment #2

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

**II.B Investment Type:** Standard Investment

## I. Overview - Investment # 2

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

Funding Source	Funding Amount
UASI	\$2,545,000.00

II.D - How much of this Investment will be obligated towards Law Enforcement Terrorism Prevention Activities (LETPA): \$2,434,000.00

### II.E - 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 core capabilities specifically from the Prevention and Protection Mission Areas that are involved in this investment area were not areas that were covered in the 2018 THIRA/SPR process. The Critical Infrastructure Subcommittee did identify areas of gaps and sustainment prior to the FY19 abstract process to better inform their FY19 investments. This was considered the beginning parts of the 2019 THIRA/SPR process. They identified Camera Infrastructure (CIMS, Drone Detection, and Licence Plate Readers) Target Hardening (Target Hardening), and Maritime (Maritime Equipment) as gap/sustainment areas and these areas are directly supported by projects in the Critical Infrastructure Investment Area.

## II. Project Management - Investment # 2

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

Funding Source	Funding Amount
UASI	\$2,545,000.00

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

### Project # 1

## Project Information - Project # 1

**Project Name:** Target Hardening

**Project Description:** This project will allow jurisdictions within the region to harden critical infrastructure and/or municipal buildings or properties essential to the continuity of operations during critical periods or emergencies including terrorist attacks. Sites may include police facilities, fire stations, emergency communications facilities, public works buildings and storage locations as well as emergency operations centers. Projects may 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.

**Funding Amount:** \$2,545,000.00

**Subgrantee:** Boston UASI

**Grantee Type:** Local Jurisdiction / Entity

**Project Location:** 02201

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

**Primary Core Capability:** Physical Protective Measures

**Capability Building:** Sustain

**Deployable:** Yes

**Shareable:** Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$0.00	0%
Organization	\$0.00	0%
Equipment	\$108,000.00	100%
Training	\$0.00	0%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$108,000.00</b>	<b>100%</b>

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

**Project Management Step:** Execute

**Project Start Date:** JANUARY 2020

**Project End Date:** JUNE 2022

**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
2017	Strengthen the Regions Capabilities to Protect Critical Infrastructure and Key Resources	Procurement
2018	Strengthen the Region's 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	\$2,545,000.00

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

### Project # 2

## Project Information - Project # 2

**Project Name:** Critical Infrastructure Monitoring System (CIMS)

**Project Description:** CIMS is a valuable monitoring system which the MBHSR has continued to utilize and maintain. At this time the Region is set to use the findings of our gap analysis to reinvest in this system beyond maintaining its current status. As the region continues with other efforts to identify and mitigate risks, as well as re-evaluate evacuation routes, the MBHSR has identified the benefit of allowing some flexibility in the network by enhancing the CIMS with quick deploy cameras for incident response and tactical operations. This project will allow for the build out of network hotspots for wireless connectivity, refreshing existing camera network infrastructure equipment, as well as the continued maintenance agreements that will maintain the physical equipment that makes up the network.

**Funding Amount:** \$2,545,000.00

**Subgrantee:** Boston UASI

**Grantee Type:** Local Jurisdiction / Entity

**Project Location:** 02201

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

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

**Capability Building:** Build

**Deployable:** Yes

**Shareable:** Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$0.00	0%
Organization	\$0.00	0%
Equipment	\$1,452,000.00	100%
Training	\$0.00	0%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$1,452,000.00</b>	<b>100%</b>

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

**Project Management Step:** Initiate

**Project Start Date:** JANUARY 2020

**Project End Date:** JUNE 2022

**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
2017	Strengthen the Regions Capabilities to Protect Critical Infrastructure and Key Resources	Procurement
2018	Strengthen the Region's Capabilities to Protect Critical Infrastructure and Key Resources	Procurement

## II. Project Management - Investment # 2

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

Funding Source	Funding Amount
UASI	\$2,545,000.00

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

### Project # 3

## Project Information - Project # 3

**Project Name:** Maritime Equipment

**Project Description:** This project will 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:** \$2,545,000.00

**Subgrantee:** Boston UASI

**Grantee Type:** Local Jurisdiction / Entity

**Project Location:** 02201

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

**Primary Core Capability:** Interdiction and Disruption

**Capability Building:** Build

**Deployable:** Yes

**Shareable:** Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$0.00	0%
Organization	\$0.00	0%
Equipment	\$874,000.00	100%
Training	\$0.00	0%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$874,000.00</b>	<b>100%</b>

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

**Project Management Step:** Execute

**Project Start Date:** JANUARY 2020

**Project End Date:** JUNE 2022

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

**Supports Previous Awarded Investment?** Yes

Prior Year	Investment	Last Completed Milestone
2017	Strengthen the Regions Capabilities to Protect Critical Infrastructure and Key Resources	Procurement
2018	Strengthen the Region's Capabilities to Protect Critical Infrastructure and Key Resources	Procurement

## II. Project Management - Investment # 2

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

Funding Source	Funding Amount
UASI	\$2,545,000.00

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

### Project # 4

## Project Information - Project # 4

**Project Name:** Regional License Plate Reader System

**Project Description:** The project will provide for both mobile and fixed LPR solutions through the purchase of mobile LPR units as well as add fixed camera's with LPR technology built into them.

**Funding Amount:** \$2,545,000.00

**Subgrantee:** Boston UASI

**Grantee Type:** Local Jurisdiction / Entity

**Project Location:** 02201

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

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

**Capability Building:** Build

**Deployable:** Yes

**Shareable:** Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$0.00	0%
Organization	\$0.00	0%
Equipment	\$51,000.00	100%
Training	\$0.00	0%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$51,000.00</b>	<b>100%</b>

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

**Project Management Step:** Initiate

**Project Start Date:** JANUARY 2020

**Project End Date:** JUNE 2022

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

**Supports Previous Awarded Investment?** Yes

Prior Year	Investment	Last Completed Milestone
2017	Strengthen the Regions Capabilities to Protect Critical Infrastructure and Key Resources	Procurement
2018	Strengthen the Region's Capabilities to Protect Critical Infrastructure and Key Resources	Procurement

## II. Project Management - Investment # 2

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

Funding Source	Funding Amount
UASI	\$2,545,000.00

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

### Project # 5

## Project Information - Project # 5

**Project Name:** Drone Detection Project

**Project Description:** This project seeks to procure drone detection technology. This funding is the first phase in a regional project to be piloted initially by Boston and Cambridge with anticipated phased growth over subsequent grant years. The detection system would serve to detect, decode, and process the telemetry data of a drone. It provides real-time unique and critical data to assist law enforcement personnel in identifying public safety terrorism risks related to drone use.

**Funding Amount:** \$2,545,000.00

**Subgrantee:** Boston UASI

**Grantee Type:** Local Jurisdiction / Entity

**Project Location:** 02201

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

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

**Capability Building:** Build

**Deployable:** Yes

**Shareable:** Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$0.00	0%
Organization	\$0.00	0%
Equipment	\$60,000.00	100%
Training	\$0.00	0%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$60,000.00</b>	<b>100%</b>

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

**Project Management Step:** Initiate

**Project Start Date:** JANUARY 2020

**Project End Date:** JUNE 2022

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

**Supports Previous Awarded Investment?** Yes

Prior Year	Investment	Last Completed Milestone
2017	Strengthen the Regions Capabilities to Protect Critical Infrastructure and Key Resources	Procurement
2018	Strengthen the Region's Capabilities to Protect Critical Infrastructure and Key Resources	Procurement

(End of Investment # 2.)

# Investment #3

## Investment Information - Investment #3

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

**II.B Investment Type:** Consolidated Fusion Center Investment

## I. Overview - Investment # 3

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

Funding Source	Funding Amount
UASI	\$2,713,920.00

II.D - How much of this Investment will be obligated towards Law Enforcement Terrorism Prevention Activities (LETPA): \$2,713,920.00

### II.E - Investment Description:

This investment area is a major priority for the MBHSR and stakeholders, threats, and technologies related to this area are constantly changing so it requires continual attention and investment. The Prevention Mission Area core capabilities that are involved in this investment area were not areas that were covered in the 2018 THIRA/SPR process. The Intel Subcommittee did identify areas of gaps and sustainment prior to the FY19 abstract process to better inform their FY19 investments. This was considered the beginning of the 2019 THIRA/SPR process. They identified Intelligence and Information Sharing (Intelligence/Analysts/BRIC Contractual Support and Intel Hardware/Software) as a gap/sustainment area and this area is directly supported by the projects in the Information Sharing and Collaboration Investment Area.

## II. Project Management - Investment # 3

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

Funding Source	Funding Amount
UASI	\$2,713,920.00

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:** \$2,713,920.00

**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	\$0.00	0%
Organization	\$2,175,000.00	100%
Equipment	\$0.00	0%
Training	\$0.00	0%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$2,175,000.00</b>	<b>100%</b>

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

**Project Management Step:** Initiate

**Project Start Date:** JANUARY 2020

**Project End Date:** JUNE 2022

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

**Supports Previous Awarded Investment?** Yes

Prior Year	Investment	Last Completed Milestone
2017	Strengthen Information Sharing and Collaboration Capabilities	Planning
2018	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	\$2,713,920.00

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

**Funding Amount:** \$2,713,920.00

**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	\$0.00	0%
Organization	\$0.00	0%
Equipment	\$538,920.00	100%
Training	\$0.00	0%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$538,920.00</b>	<b>100%</b>

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

**Project Management Step:** Execute

**Project Start Date:** JANUARY 2020

**Project End Date:** JUNE 2022

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

**Supports Previous Awarded Investment?** Yes

Prior Year	Investment	Last Completed Milestone
2017	Strengthen Information Sharing and Collaboration Capabilities	Procurement
2018	Strengthen Information Sharing and Collaboration Capabilities	Procurement

(End of Investment # 3.)

# Investment #4

## Investment Information - Investment #4

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

**II.B Investment Type:** Standard Investment

## I. Overview - Investment # 4

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

Funding Source	Funding Amount
UASI	\$2,811,000.00

II.D - How much of this Investment will be obligated towards Law Enforcement Terrorism Prevention Activities (LETPA): \$456,500.00

### II.E - Investment Description:

The Emergency Communications Interoperability Investment Area is a priority for the MBHSR and all of its public safety partners. Their investments align with the MBHSR Strategy and areas of gap/sustainment identified in the 2018 THIRA/SPR process. A specific area identified under the Operational Communication core capability in the 2018 THIRA/SPR to be built/sustained was under Equipment in the POETE model; the review of current equipment end of life and replacement. This supports the Radio Console Upgrade and Radio Subscriber Units projects. The Communications Interoperability Subcommittee also identified areas of gaps and sustainment prior to the FY19 abstract process to better inform their FY19 investments. This was considered the beginning of the 2019 THIRA/SPR process. The areas identified in this process were Communications Data Sharing (Interoperability Technical Support) and Communications Equipment (Radio Console Upgrades and Radio Subscriber Units).



## II. Project Management - Investment # 4

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

Funding Source	Funding Amount
UASI	\$2,811,000.00

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

### Project # 1

## Project Information - Project # 1

**Project Name:** Interoperability Technical Support

**Project Description:** This project will provide the MBHSR with contractual technical support services for emergency communications objectives in two parts: 1.) To assist the MBHSR in their planning initiatives and 2.) To provide ongoing technical support and maintenance for the PSNet network infrastructure. This system is the backbone network that supports a variety of public safety applications and communications operations 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:** \$2,811,000.00

**Subgrantee:** Boston UASI

**Grantee Type:** Local Jurisdiction / Entity

**Project Location:** 02201

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

**Primary Core Capability:** Operational Communications

**Capability Building:** Sustain

**Deployable:** No

**Shareable:** Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$900,000.00	91.37%
Organization	\$.00	0%
Equipment	\$85,000.00	8.63%
Training	\$.00	0%
Exercises	\$.00	0%
<b>Total</b>	<b>\$985,000.00</b>	<b>100%</b>

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

**Project Management Step:** Plan

**Project Start Date:** JANUARY 2020

**Project End Date:** JUNE 2022

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

**Supports Previous Awarded Investment?** Yes

Prior Year	Investment	Last Completed Milestone
2017	Enhance Communications Interoperability, Especially in Response to Large Scale Event or Crisis	Planning
2018	Strengthen Emergency Communications Interoperability	Planning

## II. Project Management - Investment # 4

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

Funding Source	Funding Amount
UASI	\$2,811,000.00

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

### Project # 2

## Project Information - Project # 2

**Project Name:** Radio Console Upgrades

**Project Description:** This project consists of two radio console upgrade components. 1.) This project seeks to replace the current gold elite radio consoles operated by Boston EMS which are at end of life. The consoles are used to provide communications for Boston EMS and regionally for BAMA and EMS Interop on a day-to-day basis. Additionally, they interface with selected CEMD channels to provide backup capability to the Region 4 CMED console and are part of the coordinated statewide EMS communications plan. The current gold elite radio console system impacts all communities in UASI and has been and will be continued to be used in any large scale incident within the region and beyond. 2.) This project also provides funding to install four consoles in the Everett 911 dispatch center. The consoles were previously purchased with UASI funding and will allow Everett to upgrade from analog to digital, offering IP-based seamless connectivity between Everett's 911 dispatch operators and field personnel as well as allowing for connectivity to the State of Massachusetts Zone 2 Master Core. This will improve interoperability with other cities, state and federal agencies and improve reliability with reduced downtime.

**Funding Amount:** \$2,811,000.00

**Subgrantee:** Boston UASI

**Grantee Type:** Local Jurisdiction / Entity

**Project Location:** 02201

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

**Primary Core Capability:** Operational Communications

**Capability Building:** Sustain

**Deployable:** No

**Shareable:** Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$0.00	0%
Organization	\$0.00	0%
Equipment	\$1,528,686.00	100%
Training	\$0.00	0%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$1,528,686.00</b>	<b>100%</b>

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

**Project Management Step:** Initiate

**Project Start Date:** JANUARY 2020

**Project End Date:** JUNE 2022

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

**Supports Previous Awarded Investment?** Yes

Prior Year	Investment	Last Completed Milestone
2017	Enhance Communications Interoperability, Especially in Response to Large Scale Event or Crisis	Procurement
2018	Strengthen Emergency Communications Interoperability	Procurement

## II. Project Management - Investment # 4

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

Funding Source	Funding Amount
UASI	\$2,811,000.00

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

### Project # 3

## Project Information - Project # 3

**Project Name:** Radio Subscriber Units

**Project Description:** This project provides funding for portable subscriber units (radios) across the region. The public safety agencies in Law Enforcement, Fire Services, and Emergency Medical Services have ongoing day-to-day special event and MCI Land-Mobile-Radio (LMR) operational communications needs that require portable radios to ensure effective communications across various radio technology system platforms. This funding will allow MBHSR agencies to replace or upgrade a portion of their outdated radios.

**Funding Amount:** \$2,811,000.00

**Subgrantee:** Boston UASI

**Grantee Type:** Local Jurisdiction / Entity

**Project Location:** 02201

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

**Primary Core Capability:** Operational Communications

**Capability Building:** Sustain

**Deployable:** Yes

**Shareable:** Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$0.00	0%
Organization	\$0.00	0%
Equipment	\$297,314.00	100%
Training	\$0.00	0%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$297,314.00</b>	<b>100%</b>

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

**Project Management Step:** Execute

**Project Start Date:** JANUARY 2020

**Project End Date:** JUNE 2022

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

**Supports Previous Awarded Investment?** Yes

Prior Year	Investment	Last Completed Milestone
2017	Enhance Communications Interoperability, Especially in Response to Large Scale Event or Crisis	Procurement
2018	Strengthen Emergency Communications Interoperability	Procurement

(End of Investment # 4.)

# Investment #5

## Investment Information - Investment #5

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

**II.B Investment Type:** Standard Investment

## I. Overview - Investment # 5

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

Funding Source	Funding Amount
UASI	\$927,735.00

II.D - How much of this Investment will be obligated towards Law Enforcement Terrorism Prevention Activities (LETPA): \$562,540.00

### II.E - Investment Description:

The planning, staffing, equipment, training, and exercise associated with various aspects of CBRNE preparedness requires constant attention, maintenance, and enhancement, and is a priority and a goal for the MBHSR. During the 2018 THIRA/SPR process only some of the core capabilities associated with this investment area were addressed, specifically those associated with the Response Mission Area. Areas that were identified as needing to be built/sustained under the Environmental Response/Health and Safety core capability, specifically under the Equipment portion of the POETE model, were the replacement of equipment as it reaches end of life and add equipment that enhances capabilities (CBRNE Detection and Decontamination). Areas that were identified as needing to be built/sustained under the Mass Search and rescue Operations core capability, specifically under the Equipment portion of the POETE model, was equipment specifically for water based operations (US&R Equipment). The Prevention and Protection Mission Area core capabilities that are involved in this investment area were not areas that were covered in the 2018 THIRA/SPR process. The CBRNE Subcommittee did identify areas of gaps and sustainment prior to the FY19 abstract process to better inform their FY19 investments. This was considered the beginning of the 2019 THIRA/SPR process. Under this process the EOD Subject Matter Experts indicated several gaps: Logistics (Regional Bomb Squad Enhancements), K-9 Replacement (Regional EOD Canine Enhancements) and K-9 Reusable Training Aids and Equipment (Regional EOD Canine Enhancements).

## II. Project Management - Investment # 5

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

Funding Source	Funding Amount
UASI	\$927,735.00

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, regional STAB 5 vehicles, disruption equipment, and portable x-ray equipment.

**Funding Amount:** \$927,735.00

**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	\$0.00	0%
Organization	\$0.00	0%
Equipment	\$377,475.00	100%
Training	\$0.00	0%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$377,475.00</b>	<b>100%</b>

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

**Project Management Step:** Execute

**Project Start Date:** JANUARY 2020

**Project End Date:** JUNE 2022

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

**Supports Previous Awarded Investment?** Yes

Prior Year	Investment	Last Completed Milestone
2017	Strengthen CBRNE Detection, Response, and Decontamination Capabilities	Procurement
2018	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	\$927,735.00

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 support in purchasing a mass decontamination response vehicle, hazmat suits for EMS, Fire and Law Enforcement to replace an expiring PPE cache, and CBRN/HazMat devices for biological and chemical field testing and for training purposes.

**Funding Amount:** \$927,735.00

**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	\$0.00	0%
Organization	\$0.00	0%
Equipment	\$400,260.00	100%
Training	\$0.00	0%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$400,260.00</b>	<b>100%</b>

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

**Project Management Step:** Execute

**Project Start Date:** JANUARY 2020

**Project End Date:** JUNE 2022

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

**Supports Previous Awarded Investment?** Yes

Prior Year	Investment	Last Completed Milestone
2017	Strengthen CBRNE Detection, Response, and Decontamination Capabilities	Procurement
2018	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	\$927,735.00

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

### Project # 3

## Project Information - Project # 3

**Project Name:** US&R Equipment

**Project Description:** The project will continue the build out of the US&R water rescue capability by procurement of equipment for training, response and PPE sustainment.

**Funding Amount:** \$927,735.00

**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	\$0.00	0%
Organization	\$0.00	0%
Equipment	\$65,000.00	100%
Training	\$0.00	0%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$65,000.00</b>	<b>100%</b>

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

**Project Management Step:** Execute

**Project Start Date:** JANUARY 2020

**Project End Date:** JUNE 2022

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

**Supports Previous Awarded Investment?** Yes

Prior Year	Investment	Last Completed Milestone
2017	Strengthen CBRNE Detection, Response, and Decontamination Capabilities	Procurement
2018	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	\$927,735.00

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, and associated equipment, for retiring canines that were purchased under previous UASI funding and Canine Support Equipment for regional program sustainability.

**Funding Amount:** \$927,735.00

**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	\$0.00	0%
Organization	\$0.00	0%
Equipment	\$85,000.00	100%
Training	\$0.00	0%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$85,000.00</b>	<b>100%</b>

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

**Project Management Step:** Execute

**Project Start Date:** JANUARY 2020

**Project End Date:** JUNE 2022

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

**Supports Previous Awarded Investment?** Yes

Prior Year	Investment	Last Completed Milestone
2017	Strengthen CBRNE Detection, Response, and Decontamination Capabilities	Procurement
2018	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:** Standard Investment

## I. Overview - Investment # 6

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

Funding Source	Funding Amount
UASI	\$525,000.00

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

### II.E - Investment Description:

The Medical Surge and Mass Prophylaxis Investment Area reflects a comprehensive approach to public health and medical services relating to public safety, emergency management, and homeland security. This area is covered under the Response and Recovery Mission Areas of the 2018 THIRA/SPR. The gaps/sustainments identified under the Public Health core capability, specifically under the Equipment portion of the POETE model, focused on the need for additional MCI resources (Regional MCI Equipment and First Responder Pharmaceuticals). The gaps/sustainments identified under the Health and Social Services Planning core capability, specifically under the Planning portion of the POETE model, focused on the need for planning around health and social service program resiliency (Health and Medical Mutual Aid Sustainment). The Medical Surge Subcommittee also identified areas of gaps and sustainment prior to the FY19 abstract process to better inform their FY19 investments. This was considered the beginning of the 2019 THIRA/SPR process. The areas identified in this process were MCI Equipment (Regional MCI Equipment and Patient Tracking) and Health and Social Service Planning (Health and Medical Mutual Aid Sustainment).

## II. Project Management - Investment # 6

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

Funding Source	Funding Amount
UASI	\$525,000.00

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:** \$525,000.00

**Subgrantee:** Boston UASI

**Grantee Type:** Local Jurisdiction / Entity

**Project Location:** 02201

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

**Primary Core Capability:** Public Health, Healthcare, and Emergency Medical Services

**Capability Building:** Sustain

**Deployable:** Yes

**Shareable:** Yes

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

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

**Project Management Step:** Execute

**Project Start Date:** JANUARY 2020

**Project End Date:** JUNE 2022

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

**Supports Previous Awarded Investment?** Yes

Prior Year	Investment	Last Completed Milestone
2017	Strengthen Medical Surge and Mass Prophylaxis Capabilities	Procurement
2018	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	\$525,000.00

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

### Project # 2

## Project Information - Project # 2

**Project Name:** Regional MCI Equipment

**Project Description:** This project 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:** \$525,000.00

**Subgrantee:** Boston UASI

**Grantee Type:** Local Jurisdiction / Entity

**Project Location:** 02201

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

**Primary Core Capability:** Public Health, Healthcare, and Emergency Medical Services

**Capability Building:** Sustain

**Deployable:** Yes

**Shareable:** Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$0.00	0%
Organization	\$0.00	0%
Equipment	\$300,000.00	100%
Training	\$0.00	0%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$300,000.00</b>	<b>100%</b>

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

**Project Management Step:** Execute

**Project Start Date:** JANUARY 2020

**Project End Date:** JUNE 2022

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

**Supports Previous Awarded Investment?** Yes

Prior Year	Investment	Last Completed Milestone
2017	Strengthen Medical Surge and Mass Prophylaxis Capabilities	Procurement
2018	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	\$525,000.00

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:** \$525,000.00

**Subgrantee:** Boston UASI

**Grantee Type:** Local Jurisdiction / Entity

**Project Location:** 02201

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

**Primary Core Capability:** Public Health, Healthcare, and Emergency Medical Services

**Capability Building:** Sustain

**Deployable:** No

**Shareable:** Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$0.00	0%
Organization	\$0.00	0%
Equipment	\$60,000.00	100%
Training	\$0.00	0%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$60,000.00</b>	<b>100%</b>

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

**Project Management Step:** Execute

**Project Start Date:** JANUARY 2020

**Project End Date:** JUNE 2022

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

**Supports Previous Awarded Investment?** Yes

Prior Year	Investment	Last Completed Milestone
2017	Strengthen Medical Surge and Mass Prophylaxis Capabilities	Procurement
2018	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	\$525,000.00

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:** \$525,000.00

**Subgrantee:** Boston UASI

**Grantee Type:** Local Jurisdiction / Entity

**Project Location:** 02201

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

**Primary Core Capability:** Public Health, Healthcare, and Emergency Medical Services

**Capability Building:** Sustain

**Deployable:** Yes

**Shareable:** No

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$0.00	0%
Organization	\$0.00	0%
Equipment	\$65,000.00	100%
Training	\$0.00	0%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$65,000.00</b>	<b>100%</b>

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

**Project Management Step:** Execute

**Project Start Date:** JANUARY 2020

**Project End Date:** JULY 2022

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

**Supports Previous Awarded Investment?** Yes

Prior Year	Investment	Last Completed Milestone
2017	Strengthen Medical Surge and Mass Prophylaxis Capabilities	Procurement
2018	Strengthen Medical Surge and Mass Prophylaxis Capabilities	Procurement

(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:** Standard Investment

## I. Overview - Investment # 7

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

Funding Source	Funding Amount
UASI	\$1,549,000.00

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

### II.E - Investment Description:

The Planning, Preparedness, and Resilience Investment Area encompasses comprehensive, all-hazards planning, preparedness, and resilience initiatives. This area is covered under the Overarching, Response and Recovery Mission Areas of the 2018 THIRA/SPR. Areas that were identified as needing to be built/sustained under the Planning core capability, specifically under the Planning and Organization portions of the POETE model, were the updating of the Comprehensive Emergency Management Program's for several of the jurisdictions (EM Planning), hiring of subject matter experts to help with plan development (Pictometry) and build out recovery planning (Recovery Planning). An area that was identified as needing to be built/sustained under the Public Information and Warning core capability, specifically under the Equipment portion of the POETE model, was an alert notification system for Quincy (Mass Notification System). The Planning and Community Preparedness Subcommittee also identified areas of gaps and sustainment prior to the FY19 abstract process to better inform their FY19 investments. This was considered the beginning of the 2019 THIRA/SPR process. Two areas identified in this process were Public Awareness, Engagement, and/or Education (Stop the Bleed) and Mass Care (Chelsea CERT Transport Unit).

## II. Project Management - Investment # 7

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

Funding Source	Funding Amount
UASI	\$1,549,000.00

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

### Project # 1

## Project Information - Project # 1

**Project Name:** Stop the Bleed Program

**Project Description:** Funding for a Stop the Bleed program for the Metro Boston area would include personnel, equipment and medical supply cost. This 18-month program would focus on community outreach, education and training at government and public buildings (ie: libraries, community centers, schools, etc). Boston EMS possesses the knowledge base and experience to proficiently deliver this type of training. In addition, Boston EMS will work to support other cities and towns in the region who are interested in implementing a similar program.

**Funding Amount:** \$1,549,000.00

**Subgrantee:** Boston UASI

**Grantee Type:** Local Jurisdiction / Entity

**Project Location:** 02201

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

**Primary Core Capability:** Public Health, Healthcare, and Emergency Medical Services

**Capability Building:** Build

**Deployable:** Yes

**Shareable:** Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$0.00	0%
Organization	\$0.00	0%
Equipment	\$150,000.00	100%
Training	\$0.00	0%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$150,000.00</b>	<b>100%</b>

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

**Project Management Step:** Plan

**Project Start Date:** JANUARY 2020

**Project End Date:** JUNE 2022

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

**Supports Previous Awarded Investment?** Yes

Prior Year	Investment	Last Completed Milestone
2017	Enhance Regional Planning, Preparedness and Resilience, including the Whole Community	Procurement
2018	Enhance Regional Planning, Preparedness and Resilience, including the Whole Community	Procurement

## II. Project Management - Investment # 7

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

Funding Source	Funding Amount
UASI	\$1,549,000.00

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

### Project # 2

## Project Information - Project # 2

**Project Name:** EM Planning

**Project Description:** This project includes the salary costs associated with the Emergency Management Planning staff who are charged with the responsibility of executing special projects and developing plans related to emergency management, training 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. In addition, Quincy will update its Comprehensive Emergency management Plan (CEMP) and conduct shelter assessments.

**Funding Amount:** \$1,549,000.00

**Subgrantee:** Boston UASI

**Grantee Type:** Local Jurisdiction / Entity

**Project Location:** 02201

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

**Primary Core Capability:** Planning

**Capability Building:** Sustain

**Deployable:** No

**Shareable:** No

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$125,000.00	11.74%
Organization	\$940,000.00	88.26%
Equipment	\$.00	0%
Training	\$.00	0%
Exercises	\$.00	0%
<b>Total</b>	<b>\$1,065,000.00</b>	<b>100%</b>

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

**Project Management Step:** Plan

**Project Start Date:** JANUARY 2020

**Project End Date:** JUNE 2022

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

**Supports Previous Awarded Investment?** Yes

Prior Year	Investment	Last Completed Milestone
2017	Enhance Regional Planning, Preparedness and Resilience, including the Whole Community	Procurement
2018	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	\$1,549,000.00

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:** \$1,549,000.00

**Subgrantee:** Boston UASI

**Grantee Type:** Local Jurisdiction / Entity

**Project Location:** 02201

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

**Primary Core Capability:** Planning

**Capability Building:** Sustain

**Deployable:** No

**Shareable:** Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$165,000.00	100%
Organization	\$0.00	0%
Equipment	\$0.00	0%
Training	\$0.00	0%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$165,000.00</b>	<b>100%</b>

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

**Project Management Step:** Plan

**Project Start Date:** JANUARY 2020

**Project End Date:** JUNE 2022

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

**Supports Previous Awarded Investment?** Yes

Prior Year	Investment	Last Completed Milestone
2017	Enhance Regional Planning, Preparedness and Resilience, including the Whole Community	Procurement
2018	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	\$1,549,000.00

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

### Project # 4

## Project Information - Project # 4

**Project Name:** Chelsea CERT Transport Unit

**Project Description:** Procurement and Emergency Upfit of a 15 Passenger, 3500 (1TON) Van for transportation of CERT team personnel, as well as transport of displaced persons during times of disaster. This vehicle will also be equipped to pull trailers. This van will also be made available to other UASI communities for movement of personnel during emergencies in their communities.

**Funding Amount:** \$1,549,000.00

**Subgrantee:** Boston UASI

**Grantee Type:** Local Jurisdiction / Entity

**Project Location:** 02201

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

**Primary Core Capability:** Mass Care Services

**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	\$52,000.00	100%
Training	\$0.00	0%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$52,000.00</b>	<b>100%</b>

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

**Project Management Step:** Initiate

**Project Start Date:** JANUARY 2020

**Project End Date:** JUNE 2022

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

**Supports Previous Awarded Investment?** Yes

Prior Year	Investment	Last Completed Milestone
2017	Enhance Regional Planning, Preparedness and Resilience, including the Whole Community	Procurement
2018	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	\$1,549,000.00

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

### Project # 5

## Project Information - Project # 5

**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:** \$1,549,000.00

**Subgrantee:** Boston UASI

**Grantee Type:** Local Jurisdiction / Entity

**Project Location:** 02201

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

**Primary Core Capability:** Planning

**Capability Building:** Sustain

**Deployable:** No

**Shareable:** Yes

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

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

**Project Management Step:** Plan

**Project Start Date:** JANUARY 2020

**Project End Date:** JUNE 2022

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

**Supports Previous Awarded Investment?** Yes

Prior Year	Investment	Last Completed Milestone
2017	Strengthen All-Hazards Recovery Capabilities	Planning
2018	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	\$1,549,000.00

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 City of Quincy. This interface sends one-way messages to inform the public of an emergency by way of phone, text message or email. The Quincy 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:** \$1,549,000.00

**Subgrantee:** Boston UASI

**Grantee Type:** Local Jurisdiction / Entity

**Project Location:** 02201

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

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

**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	\$17,000.00	100%
Training	\$0.00	0%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$17,000.00</b>	<b>100%</b>

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

**Project Management Step:** Execute

**Project Start Date:** JANUARY 2020

**Project End Date:** JUNE 2022

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

**Supports Previous Awarded Investment?** Yes

Prior Year	Investment	Last Completed Milestone
2017	Enhance Regional Planning, Preparedness and Resilience, including the Whole Community	Procurement
2018	Enhance Regional Planning, Preparedness and Resilience, including the Whole Community	Planning

(End of Investment # 7.)

# Investment #8

## Investment Information - Investment #8

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

**II.B Investment Type:** Consolidated Cybersecurity Investment

## I. Overview - Investment # 8

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

Funding Source	Funding Amount
UASI	\$450,000.00

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

### II.E - Investment Description:

The Cybersecurity core capability was not addressed in the 2018 THIRA/SPR process. The 2018 National Preparedness Report has several key findings under the Cybersecurity core capability that identify gaps in this investment area: 1. Evolving cyber threats continue to outpace the development of protective practices; at the same time, technology users often fail to implement precautionary measures to safeguard their cyber systems. 2. Insufficient information sharing between the public and private sectors has hindered the Nation's effectiveness in defending against cyber threats. 3. The Federal Government faces persistent challenges in the recruitment and retention of cybersecurity personnel, though it has taken steps to improve cybersecurity training for the Nation. All three of these key findings are gaps that will be addressed with the Cybersecurity Initiatives investment project.

## II. Project Management - Investment # 8

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

Funding Source	Funding Amount
UASI	\$450,000.00

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

### Project # 1

## Project Information - Project # 1

**Project Name:** Cybersecurity Initiatives

**Project Description:** This project will fund a Cyber Security Liaison who 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. Additional funding will...Sarah add Gillan piece

**Funding Amount:** \$450,000.00

**Subgrantee:** Boston UASI

**Grantee Type:** Local Jurisdiction / Entity

**Project Location:** 02201

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

**Primary Core Capability:** Cybersecurity

**Capability Building:** Build

**Deployable:** No

**Shareable:** Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$450,000.00	100%
Organization	\$0.00	0%
Equipment	\$0.00	0%
Training	\$0.00	0%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$450,000.00</b>	<b>100%</b>

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

**Project Management Step:** Plan

**Project Start Date:** JANUARY 2020

**Project End Date:** JUNE 2022

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

**Supports Previous Awarded Investment?** Yes

Prior Year	Investment	Last Completed Milestone
2018	Strengthen Cyber Security Capabilities	Planning

(End of Investment # 8.)

# Investment #9

## Investment Information - Investment #9

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

**II.B Investment Type:** Standard Investment

## I. Overview - Investment # 9

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

Funding Source	Funding Amount
UASI	\$3,380,000.00

II.D - How much of this Investment will be obligated towards Law Enforcement Terrorism Prevention Activities (LETPA): \$905,000.00

### II.E - Investment Description:

Between 2010 and 2018, Massachusetts experienced 13 natural and man-made disasters that resulted in Presidential emergency or disaster declarations, and/or the Governor's declaration of a State of Emergency. These incidents exemplify some of the threats and hazards that the commonwealth is vulnerable to including: natural gas explosion, blizzards, tropical storms/hurricanes, tornados, flooding, catastrophic water system failure, and the Boston Marathon terrorist attack. With help from Homeland Security Grant Program, Massachusetts is able to build and sustain capabilities that allow for prevention, protection, mitigation, response, and recovery from these and other events. The entire Massachusetts community is better coordinated across disciplines and jurisdictional boundaries because of the statewide homeland security program that provides a framework for regular stakeholder meetings and promotes cross-discipline and cross jurisdictional coordination. As a home-rule state with 351 municipalities and no county level government or services, the regional councils and working groups provide the catalyst for these coordination gains. The THIRA and SPR process also helps stakeholders identify areas in need of on-going support or emerging issues in need of newly developed capabilities. Massachusetts plans to focus on priority areas as highlighted in the 2018 THIRA, such as active shooter, complex coordinated attacks and enhancing interoperable communications and cyber security. More evident than in any other year, cyber security is now one of the highest priorities for Massachusetts, with several projects proposed to strengthen this capability. Three years ago the Commonwealth established a cyber working group and is still committed to developing and implementing a statewide program, state Agency projects went selected from our posted Notice of Funding Opportunity (NOFO) the Massachusetts Executive Office of Public Safety and Security (EOPSS), Office of Grants and Research (OGR), Homeland Security Division (HLS) requested and accepted State-Share Applications from eligible applicants for Federal Fiscal year 2019 (FFY2019) Homeland Security Grant Program. These projects will touch on our state priorities as follow: Active Shooter / Complex Coordinated Terrorist Attack; Cyber Security and Emergency Communications.

## II. Project Management - Investment # 9

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

Funding Source	Funding Amount
UASI	\$3,380,000.00

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

### Project # 1

## Project Information - Project # 1

**Project Name:** Cyber Security Advisor

**Project Description:** funding to support Commonwealth's Cyber Security Advisory salary, benefits, travel and supplies

**Funding Amount:** \$3,380,000.00

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

**Grantee Type:** SAA/DTG

**Project Location:** 02116

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

**Primary Core Capability:** Cybersecurity

**Capability Building:** Sustain

**Deployable:** No

**Shareable:** No

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$0.00	0%
Organization	\$180,000.00	100%
Equipment	\$0.00	0%
Training	\$0.00	0%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$180,000.00</b>	<b>100%</b>

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

**Project Management Step:** Initiate

**Project Start Date:** SEPTEMBER 2019

**Project End Date:** AUGUST 2022

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

**Supports Previous Awarded Investment?** Yes

Prior Year	Investment	Last Completed Milestone
2018	Strengthen Cyber Security Capabilities	in progress



## II. Project Management - Investment # 9

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

Funding Source	Funding Amount
UASI	\$3,380,000.00

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

### Project # 2

## Project Information - Project # 2

**Project Name:** See Something / Say Something

**Project Description:** Funding to support public outreach using the federal "See Something Say Something" campaign

**Funding Amount:** \$3,380,000.00

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

**Grantee Type:** SAA/DTG

**Project Location:** 02116

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

**Primary Core Capability:** Community Resilience

**Capability Building:** Sustain

**Deployable:** Yes

**Shareable:** Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$0.00	0%
Organization	\$10,000.00	100%
Equipment	\$0.00	0%
Training	\$0.00	0%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$10,000.00</b>	<b>100%</b>

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

**Project Management Step:** Initiate

**Project Start Date:** SEPTEMBER 2019

**Project End Date:** AUGUST 2022

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

**Supports Previous Awarded Investment?** Yes

Prior Year	Investment	Last Completed Milestone
2017	SAA- State Share Projects	in progress
2018	SAA- State Share Projects	in progress

## II. Project Management - Investment # 9

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

Funding Source	Funding Amount
UASI	\$3,380,000.00

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

Project # 3

## Project Information - Project # 3

**Project Name:** EOPSS Satellite Phones

**Project Description:** Funding to procure / maintain EOPSS Leadership's emergency communication equipment

**Funding Amount:** \$3,380,000.00

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

**Grantee Type:** SAA/DTG

**Project Location:** 02116

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

**Primary Core Capability:** Operational Communications

**Capability Building:** Sustain

**Deployable:** No

**Shareable:** No

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$0.00	0%
Organization	\$16,000.00	100%
Equipment	\$0.00	0%
Training	\$0.00	0%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$16,000.00</b>	<b>100%</b>

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

**Project Management Step:** Initiate

**Project Start Date:** SEPTEMBER 2019

**Project End Date:** AUGUST 2022

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

**Supports Previous Awarded Investment?** Yes

Prior Year	Investment	Last Completed Milestone
2017	SAA- State Share Projects	in process
2018	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	\$3,380,000.00

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

Project # 4

## Project Information - Project # 4

**Project Name:** HLS Program Support  
**Project Description:** Funding set a side to support program expenses above and beyond M&A  
**Funding Amount:** \$3,380,000.00  
**Subgrantee:** Executive Office of Public Safety and Security  
**Grantee Type:** SAA/DTG  
**Project Location:** 02116

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

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

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$0.00	0%
Organization	\$50,000.00	100%
Equipment	\$0.00	0%
Training	\$0.00	0%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$50,000.00</b>	<b>100%</b>

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

**Project Management Step:** Initiate  
**Project Start Date:** SEPTEMBER 2019  
**Project End Date:** AUGUST 2022  
**Does this project require new construction, renovation, retrofitting or modifications of existing structure?** No  
**Supports Previous Awarded Investment?** Yes

Prior Year	Investment	Last Completed Milestone
2017	SAA- State Share Projects	in progress
2018	SAA- State Share Projects	in progress

## II. Project Management - Investment # 9

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

Funding Source	Funding Amount
UASI	\$3,380,000.00

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

### Project # 5

## Project Information - Project # 5

**Project Name:** Emergency Preparedness 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 23 trainings already scheduled with another 27 organizations waiting for meetings in their community . Massachusetts Office on Disability requests a grant of \$125,000.00: 1) to purchase 1,000 streamlined disaster supply backpack kits to ensure each person with a disability attending an emergency preparedness meeting will receive a kit; 2) to manage the associated costs of conducting approximately 30 meetings across the Commonwealth for local Commissions on Disability, various groups of people with disabilities, state, local emergency planners and first responders; 3) to extend the program coordinator's current contract one year through June 2021.

**Funding Amount:** \$3,380,000.00

**Subgrantee:** Massachusetts Office on Disability

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

**Project Location:** 02116

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

**Primary Core Capability:** Community Resilience

**Capability Building:** Sustain

**Deployable:** No

**Shareable:** No

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$0.00	0%
Organization	\$81,200.00	64.96%
Equipment	\$41,000.00	32.8%
Training	\$2,800.00	2.24%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$125,000.00</b>	<b>100%</b>

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

**Project Management Step:** Initiate

**Project Start Date:** SEPTEMBER 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

<b>2017</b>	<b>SAA- State Share Projects</b>	<b>in progress</b>
<b>2018</b>	<b>SAA- State Share Projects</b>	<b>in progress</b>

## II. Project Management - Investment # 9

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

Funding Source	Funding Amount
UASI	\$3,380,000.00

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

### Project # 6

## Project Information - Project # 6

**Project Name:** MSP - Commonwealth 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 cyber related initiatives. This project will continue to provide technological solutions to promote enhanced intelligence and information sharing utilizing new camera equipment and BriefCam processing servers to match better quality video with enhanced video analytics to quickly identify entities to streamline response, protect critical assets & special events, and support criminal and terrorism investigations. The purchase of the MSP Airwing Downlink video receiver for the site in Fall River will allow coverage in areas that were not previously covered and can be shared with the CFC and local, state, and federal law enforcement to enhance situational awareness and support investigations. Additionally, new hardware, additional storage and licenses will be purchased for the ACISS virtual machine due to expanded functionality and increased usage by additional MSP employees to support enhanced information sharing. It will provide cyber training, intelligence analyst training, and training of CFC law enforcement liaisons, a CFC training conference, as well as a joint training conference with the New England High Intensity Drug Trafficking Area (NEHIDTA). This funding will allow us to sustain the gains we have made. In 2011, we did not have a dedicated privacy officer and only scored 66.7% for Enabling Capability 1 (EC1). We have been able to hire a privacy officer through grant funding and have now achieved 100% compliance with (EC1). To sustain these gains the CFC must continue to employ the contracted analysts, Privacy/Security Officer, Training Coordinator, Liaison Analyst, Watch NSI SAR Analysts and cyber analyst hired with grant funding. These positions increase intelligence sharing by facilitating the CFC's progress in the NSI as well as effectively increasing the CFC's analytic capabilities and the Commonwealth's ability to more effectively identify the threats related to the THIRA process.

**Funding Amount:** \$3,380,000.00

**Subgrantee:** Massachusetts State Police

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

**Project Location:** 01720

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

**Primary Core Capability:** Intelligence and Information Sharing

**Capability Building:** Sustain

**Deployable:** Yes

**Shareable:** No

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$0.00	0%
Organization	\$358,838.00	50.9%
Equipment	\$346,162.00	49.1%
Training	\$0.00	0%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$705,000.00</b>	<b>100%</b>

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

**Project Management Step:** Initiate

**Project Start Date:** SEPTEMBER 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

<b>Prior Year</b>	<b>Investment</b>	<b>Last Completed Milestone</b>
2017	SAA- State Share Projects	in progress
2018	SAA- State Share Projects	in progress

## II. Project Management - Investment # 9

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

Funding Source	Funding Amount
UASI	\$3,380,000.00

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

### Project # 7

## Project Information - Project # 7

**Project Name:** MSP-Commonwealth Critical Infrastructure Program

**Project Description:** The Commonwealth Critical Infrastructure Program (CCIP) was developed by the Executive Office of Public Safety and Security (EOPSS) to lead the critical infrastructure protection mission in Massachusetts. It achieves this mission through a multi-tiered approach to (1) identifying, (2) prioritizing, and (3) protecting critical infrastructure in the Commonwealth. The proposed project will allow CCIP to continue meeting the Commonwealth's needs in critical infrastructure protection by sustaining and improving intelligence analysis and information sharing efforts, and enhancing public safety through increased camera coverage to be utilized for the protection of critical infrastructure and critical assets as well as special events throughout the Commonwealth. Recent attacks have shown a continued interest by threat actors in targeting large venues or gatherings such as those identified by CCIP during the OHS special event data call that CCIP facilitates each year. Additional camera coverage would allow expanded sharing of intelligence as well as support the Suspicious Activity Reporting (SAR) initiative of the Commonwealth Fusion Center (CFC) of which the CCIP is a part of. An audit of the CFC by the Office of the State Auditor determined that stakeholders would like to receive more outreach from the CFC. Therefore, the CCIP also plans to hold a stakeholder conference during the grant's period of performance to coordinate with critical infrastructure partners, share threat information, and identify information needs.

**Funding Amount:** \$3,380,000.00

**Subgrantee:** Massachusetts State Police

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

**Project Location:** 01720

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

**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	\$0.00	0%
Organization	\$0.00	0%
Equipment	\$180,400.00	90.2%
Training	\$19,600.00	9.8%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$200,000.00</b>	<b>100%</b>

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

**Project Management Step:** Initiate

**Project Start Date:** SEPTEMBER 2019

**Project End Date:** SEPTEMBER 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 progress





## II. Project Management - Investment # 9

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

Funding Source	Funding Amount
UASI	\$3,380,000.00

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

### Project # 8

## Project Information - Project # 8

**Project Name:** SAA- M&A

**Project Description:** Per the FFY2019 NOFO Management and Administration (M&A) activities are those directly relating to the management and administration of HSGP funds, such as financial management and monitoring. A maximum of 5% of HSGP funds awarded may be retained by the state, and any funds retained are to be used solely for M&A purposes associated with the HSGP award. State may also retain 5% of the NSGP award and claim those costs under UASI \$875,000 UASI \$12,500 NSGP

**Funding Amount:** \$3,380,000.00

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

**Grantee Type:** SAA/DTG

**Project Location:** 02116

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

**Primary Core Capability:** Operational Coordination

**Capability Building:** Sustain

**Deployable:** No

**Shareable:** No

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$0.00	0%
Organization	\$857,500.00	100%
Equipment	\$0.00	0%
Training	\$0.00	0%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$857,500.00</b>	<b>100%</b>

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

**Project Management Step:** Initiate

**Project Start Date:** SEPTEMBER 2019

**Project End Date:** AUGUST 2022

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

**Supports Previous Awarded Investment?** Yes

Prior Year	Investment	Last Completed Milestone
2017	SAA- State Share Projects	in progress
2018	Program Management	in progress

## II. Project Management - Investment # 9

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

Funding Source	Funding Amount
UASI	\$3,380,000.00

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

### Project # 9

## Project Information - Project # 9

**Project Name:** Senior Advisory Committee Support

**Project Description:** To manage efforts and further reinforce collaboration and coordination across the stakeholder communities by increasing support to the SAC and to ensure representation and active participation of the SAC members. Funds will be used for hiring, training planners, establishing and maintaining a program management structure, identifying and managing projects, conducting research necessary to inform the planning process and developing plans that bridge mechanisms, documents, protocols, and procedures.

**Funding Amount:** \$3,380,000.00

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

**Grantee Type:** SAA/DTG

**Project Location:** 02116

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

**Primary Core Capability:** Planning

**Capability Building:** Sustain

**Deployable:** No

**Shareable:** No

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$76,904.00	100%
Organization	\$0.00	0%
Equipment	\$0.00	0%
Training	\$0.00	0%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$76,904.00</b>	<b>100%</b>

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

**Project Management Step:** Initiate

**Project Start Date:** SEPTEMBER 2019

**Project End Date:** AUGUST 2022

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

**Supports Previous Awarded Investment?** No

## II. Project Management - Investment # 9

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

Funding Source	Funding Amount
UASI	\$3,380,000.00

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

### Project # 10

## Project Information - Project # 10

**Project Name:** DFS-Wireless Video Camera System w/Remote Secure Access

**Project Description:** The Department of Fire Services (DFS) Hazardous Material Response teams and Massachusetts State Police bomb technicians enter into hazardous environments as part of their daily responsibilities. The personal protective equipment worn by both teams often impairs the ability of the individual to clearly see within this environment. Hazmat suits can "fog" up due to condensation making vision extremely difficult. Often technicians must spend unnecessary time in hazardous environments performing reconnaissance of the area of concern. Slip, trip and fall hazards and other potentially dangerous situations are commonplace. The Wireless Video Camera System with Remote Secure Access systems (10, one for each Tactical Operations Module (TOMS) and Squad vehicle in the hazmat division) will allow for district hazmat teams and the MA State Police bomb squad to monitor real-time down range operations from a remote location, detecting and identifying potentially hazardous materials or contaminants, all while maintaining a safe distance. With long-range, zoom and infrared capabilities, downrange technicians can be guided to avoid these situations and concentrate on specific targets. Safety officers can monitor downrange operations remotely to avoid unnecessary safety issues. In addition, these systems would allow other entities the ability to receive live audio and video feed. All potential viewers must be provided an encrypted passcode to enter into the system, limiting the possibility of unwanted or unauthorized viewing. Cameras can be carried by downrange personnel, secured to an extendable pole or mounted on a remote controlled tripod in the "hot zone". An available option allows the responder to "look" under doors and is attachable to the pole grip. Video can be recorded for post-incident review. Systems are ruggedized and are able to be decontaminated after use, when necessary. The system in use is called a MANET. This system is a group of mobile (or temporarily stationary) devices which need to provide the ability to stream voice, data, and video between arbitrary pairs of devices utilizing the others as relays to avoid the need for infrastructure, creating a mobile adhoc network (MANET). Currently, downrange monitoring is limited to radio transmission. These transmissions are difficult to hear due to the muffling effect of the personal protective equipment worn by responders in these environments. Conditions often have limited lighting when facility electrical systems are shut down for safety reasons. Critical information often needs to be repeated or is misinterpreted. The camera system allows for live streamed video to be reviewed by observers with unobstructed vision. Labels, devices, etc. can be clearly seen. Sampling targets can be easily identified and relayed back to team members to decrease time in the hot zone. Subject matter experts (industry experts, scientists, etc.) can view all that is occurring in the hot zone and provide invaluable advice on mitigation strategies.

**Funding Amount:** \$3,380,000.00

**Subgrantee:** Department of Fire Services

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

**Project Location:** 01775

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

**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	\$0.00	0%
Organization	\$0.00	0%
Equipment	\$350,000.00	100%
Training	\$0.00	0%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$350,000.00</b>	<b>100%</b>

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

**Project Management Step:** Initiate

**Project Start Date:** SEPTEMBER 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

## II. Project Management - Investment # 9

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

Funding Source	Funding Amount
UASI	\$3,380,000.00

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

### Project # 11

## Project Information - Project # 11

**Project Name:** DFS-HD Pannel X-Ray Package

**Project Description:** This proposal is being requested to enhance the capability of the Bomb Squad while at the same time providing a greater margin for life safety. The proposed project will allow the bomb tech to shoot xrays at suspect devices and package remotely. If the image needs to be enhanced it can be done wirelessly and in real time rather than the Tech going down range to check the xray, then shoot again for better clarity. This will keep our techs safety as well as expedite clearing the device or package. This project involves the purchase of two (2) Special Mission, HD (high definition), DR (direct radiography), and Large Panel X-ray Packages. Complete Project will include the following items: (2)14"x 7" HD/DR panel, (2)Mil spec controller, (2)Wired/Wireless capabilities, (2)Proprietary software with Auto-Stitch capabilities, (2)Ability for x-ray images to integrate with XTK software, (4)short and long range network cables, (2)Range extender, (2)XRS3 x-ray generators, Required batteries/chargers and related hardware necessary for system operations. This investment guards against terrorism by moving the State Police Bomb Squad toward a highly mobile, comprehensive response posture crucial to the squad's effectiveness as a statewide and regional asset. Terrorist incidents increasingly are multiple, simultaneous attacks, involving both explosives and high-powered weapons. Additionally, the continued proliferation of information to manufacture homemade explosives and the threat of weapons of mass destruction are omnipresent. This investment will further the acquisition of equipment to handle simultaneous, multifaceted incidents across the state and region. The Special Mission capability will provide the Commonwealth's Bomb Techs and Joint Hazard Incident Response (JHIRT) Techs (augmented by the pt CST and FBI-WMD) with the capacity to conduct High Definition/High Resolution wireless/wired diagnostics on potential CBRNE threats in an efficient and effective manner. Presently, this capability does not exist within the Commonwealth. Particularly this Project will meet the Protection, Mitigation and Response core capabilities for Threat and Hazard Identification and Screening, Search and Detection.

**Funding Amount:** \$3,380,000.00

**Subgrantee:** Department of Fire Services

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

**Project Location:** 01775

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

**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	\$0.00	0%
Organization	\$0.00	0%
Equipment	\$152,000.00	100%
Training	\$0.00	0%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$152,000.00</b>	<b>100%</b>

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

**Project Management Step:** Initiate

**Project Start Date:** SEPTEMBER 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**

## II. Project Management - Investment # 9

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

Funding Source	Funding Amount
UASI	\$3,380,000.00

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

### Project # 12

## Project Information - Project # 12

**Project Name:** MCCA-Cybersecurity Tabletop Exercise

**Project Description:** The MCCA is seeking to develop a comprehensive response plan to a cybersecurity attack at its venues. As a result of past, and current breaches in data confidentiality, integrity, and availability, the MCCA believes that it is vital to the safety and security of its employees, guests, and facilities to have clear and actionable cybersecurity incident response plan should such an event occur at their properties. The MCCA is requesting funds to conduct a table top exercise and a follow-up full-scale exercise at the Boston Convention & Exhibition Center (BCEC), in partnership with the Massachusetts of Emergency Management. The exercise will involve a Table Top Exercise and a simulated cybersecurity attack to assess the response of Law Enforcement and Emergency Response agencies from the City of Boston and the Commonwealth . In addition, it allows the MCCA to further refine and improve those partnerships in a cyber-simulated attack environment. The full-scale exercise will provide a "real world" cyber incident to allow MCCA officials and participating agencies the opportunity to practice and refine their existing cybersecurity incident response plans for public assembly venues such as the BCEC. Cybersecurity attacks are becoming more widespread , destructive, sophisticated and expensive which demonstrates the need for a collaborative response plan between city, state, and private sector entities in the event of a cyber-attack. This exercise allows for the fostering of these relationships, as well as providing training to participants on the digital infrastructure of the largest public assembly venue in the Commonwealth. At the BCEC, our largest events attract up to 40,000 patrons at any one time inside the building and surrounding the outside of the property during parking and registration. Due to these large crowds and the impact they have on surrounding business and the city itself, it is imperative to have a comprehensive and robust Cybersecurity incident response plan ready in the event of a Cybersecurity attack.

**Funding Amount:** \$3,380,000.00

**Subgrantee:** Massachusetts Convention Center Authority

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

**Project Location:** 02212

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

**Primary Core Capability:** Cybersecurity

**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	\$57,000.00	31.32%
Training	\$0.00	0%
Exercises	\$125,000.00	68.68%
<b>Total</b>	<b>\$182,000.00</b>	<b>100%</b>

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

**Project Management Step:** Initiate

**Project Start Date:** SEPTEMBER 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



## II. Project Management - Investment # 9

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

Funding Source	Funding Amount
UASI	\$3,380,000.00

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

### Project # 13

## Project Information - Project # 13

**Project Name:** MSP-DJI Aeroscope

**Project Description:** The rapidly expanding civilian drone market is being used by hobbyists and professionals alike as an excellent airborne photo, video and delivery platform. The government predicts the total U.S. fleet of small drones will reach 1.6 million this year. At the same time, however, growing concerns about criminal and terrorist use of the devices has created a heightened concern in the US Homeland Security sectors. There have been numerous, high profile criminal usage of drones overseas including: August 2018 attack on the Venezuelan President, July 2018 incident where a drone with inert grenades landed on the Mexican Secretary of Public Safety, 2017 incident where Cartel members were using UAS to smuggle drugs into a Georgia state prison and airport disruptions in December 2018 and January 2019 in the UK. The MSP UAS Section has been actively researching and testing available Counter-Drone technology measures since the November 2017 incident where a person was using a drone to drop anti-media leaflets over two NFL stadiums in California. Currently the laws prohibit State or Local entities from using RF jamming devices or use of any type of physical capture as a drone is considered an aircraft by the FAA. The only alternative available for use now is an electronic identification system for dro'nes. Having researched and tested numerous counter drone technologies the MSP partnered with Gillette Stadium to become the first agency in the US to employ DJI Aeroscope electronic identification technology. The DJI Aeroscope is a passive antenna system that intercepts the radio communications between the remote-control device and the drone. Its graphic user interface's encrypted website alerts to the presence of the drone, the drone location | altitude | direction of travel | serial # and type of drone. It can also give the coordinates for th drone remote control and the home point it took off from and/or will return to. The history of all flights it captures is saved to a flight history folder allowing for investigation if a delayed report of careless or suspicious drone activity is received. Currently, it only works with DJI drones - which encompasses over 80% of the drone market. It is anticipated this system will be able to detect multiple manufacturers once the unique identifier requirement for all drones is fully enacted as noted in the 2018 FAA Reauthorization Act. The MSP has (1) antenna and has been using this system since July 2018 with great success at venues such as Gillette Stadium & the Boston Marathon. It was this system that allowed for rapid identification of the pilot flying the drone over Fenway Park on 4/11/2019. Without this system there was very little chance of locating the operator. Our proposal is to purchase (8) additional Aeroscope antenna systems. They will be installed at strategic geographic locations on/at infrastructure that is owned or has cooperative agreements with the Commonwealth. Each antenna system needs 110V power, a T-Mobile service area OR hardwired internet connection and a high above ground mounting point in a secure area. Preliminary locations of installation likely to be: Cape Cod, Brockton, Wellesley, Lowell, Worcester, Leominster, Springfield and Boston areas - locations subject to change based on coverage range and in preparation for pre-planned events. Additional Aeroscope units will allow for greater coverage of critical infrastructure/key resources (CIKR) within the Commonwealth to protect venues including large open-air venues (Fenway, Gillette, Marathon, July 4th celebrations in Boston, prisons, power plants, water resources and other areas deemed critical by homeland security evaluations or fusion center intelligence). If the grant is approved, they will be positioned strategically throughout the state to maximize coverage of the above listed CIKR concerns and can be moved as needed to provide additional monitoring as needed.

**Funding Amount:** \$3,380,000.00

**Subgrantee:** Massachusetts State Police

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

**Project Location:** 01702

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

**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	\$0.00	0%
Organization	\$0.00	0%
Equipment	\$235,165.00	100%

Training	\$ .00	0%
Exercises	\$ .00	0%
<b>Total</b>	<b>\$235,165.00</b>	<b>100%</b>

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

**Project Management Step:** Initiate

**Project Start Date:** SEPTEMBER 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

## II. Project Management - Investment # 9

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

Funding Source	Funding Amount
UASI	\$3,380,000.00

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

### Project # 14

## Project Information - Project # 14

**Project Name:** MSP-sUAS

**Project Description:** The MSP sUAS (small unmanned aerial systems aka Drone) section is a two-man unit tasked with providing aerial support services for scenarios including: Tactical support for high risk scenarios that can greatly reduce the risks to first responders, search & rescue missions for missing and endangered persons, aerial mapping of crime and crash scenes (to provide quick clearance of roadways reducing risks to first responders, enable the timely movement of commerce and reduce the inconvenience to the motoring public) and to assist in missions when the manned aviation unit is unavailable due weather restrictions or other unforeseen circumstances. The MSP UAS section only has (1) drone capable of all-weather flight with FLIR and camera payload capable of supporting these requests. With this one drone the UAS unit has responded to requests for service all over the Commonwealth and has responded to critical incidents in Connecticut and New Hampshire for NESPAC mutual aid. MSP UAS section is looking to purchase additional drones to increase the personnel with access to a drone, reduce our response times and expand our capabilities. The sUAS's described below were selected due to their all-weather capabilities making them capable of flying in inclement weather, multiple mission capabilities and/or smaller size to assist in indoor or confined space operations. They can utilize multiple cameras, lights and/or communication devices to provide accurate and real time imagery during situations that manned aircraft is not available or is unsafe. They can be used for tactical situations and high-risk situations that would significantly reduce the risk of injury or death to first responders and civilians. These sUAS systems would enable the Commonwealth to distribute video feed on a secure system, giving public agencies and partners access to the sUAS capability. sUAS services will be available to all federal, state and local agencies. The sUAS can also be utilized at the early stages of an incident, providing real time imagery that can be gathered prior to establishing an Incident Command Post. With this technology agencies would be able to gather real time imagery that will enhance life and safety while providing the citizens of the Commonwealth with superior intelligence against acts of Violence and Terrorism. The sUAS has the capability to fly into zones that the current Air Wing helicopters are not able to, including but not limited to: Unknown hazmat situations, indoor barricaded suspect situations, armed suspect situations (Boston Marathon Bombings, suspect hiding in boat), inclement weather conditions and disaster situations where it is not safe for ground troops to enter. Our proposal is to purchase (2) all weather OJI Matrice 210 sUAS, (9) OJI Mavic 2 Enterprise dual sUAS, (9) OJI Spark sUAS and (9) Apple iPad Pro tablets (used to see flight data, camera feed and can broadcast feed with a Wi-Fi connection). This would allow for the (2) full time UAS personnel to have access to the latest all weather sUAS platforms strategically positioned in the north and south sections of the commonwealth for quicker response times to critical incidents as well as have access to smaller drones that would be used for mapping crime and crash scenes, used in tactical situations within confined spaces and provide cost effective means to safely and efficiently provide real time imagery to all first responders involved in the mission. We would also identify & train additional remote pilots within all MSP troops and issue them smaller Mavic drones to provide rapid deployment and further reduced response times.

**Funding Amount:** \$3,380,000.00

**Subgrantee:** Massachusetts State Police

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

**Project Location:** 01702

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

**Primary Core Capability:** Operational Coordination

**Capability Building:** Sustain

**Deployable:** Yes

**Shareable:** Yes

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$0.00	0%
Organization	\$0.00	0%
Equipment	\$99,011.00	100%
Training	\$0.00	0%
Exercises	\$0.00	0%

<b>Total</b>	<b>\$99,011.00</b>	<b>100%</b>
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**III.B - Project Baseline and Management - Project # 14**

**Project Management Step:** Initiate

**Project Start Date:** SEPTEMBER 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

## II. Project Management - Investment # 9

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

Funding Source	Funding Amount
UASI	\$3,380,000.00

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

### Project # 15

## Project Information - Project # 15

**Project Name:** MSP-Rhodium Incident Management Software

**Project Description:** To purchase and implement a computer based incident management system. The cloud based system would provide command and control over an event or incident. The system would integrate intelligent mapping with assignments and a running event log. This would allow planning for, response to, and follow up of events and incidents related to homeland security. Currently, the Massachusetts State Police responds to critical incidents and conducts its on scene incident management through the use of a paper based or spreadsheet system. This system is often times slow and is deployed at the rate at which the officer is able to capture the information. Further, this information is difficult to reproduce when outside of a department office, which is often times the case. In a paper based system officers often take pictures of the incident plans with their smart phone and share it with others by texting the photos. Further, updated spreadsheets or computer based maps are dependent on email to forward to others and are difficult to share when changes are made to them. This is both inefficient and potentially dangerous as decisions are made without shared or current knowledge.

**Funding Amount:** \$3,380,000.00

**Subgrantee:** Massachusetts State Police

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

**Project Location:** 01702

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

**Primary Core Capability:** Operational Coordination

**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	\$9,420.00	100%
Training	\$0.00	0%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$9,420.00</b>	<b>100%</b>

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

**Project Management Step:** Initiate

**Project Start Date:** SEPTEMBER 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

## II. Project Management - Investment # 9

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

Funding Source	Funding Amount
UASI	\$3,380,000.00

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

### Project # 16

## Project Information - Project # 16

**Project Name:** MSP-LPR Upgrade

**Project Description:** MSP proposes an upgraded/enhanced Automated License Plate Reader (ALPR) application, corresponding maintenance, database support services and customizations to enhance ALPR capabilities. The upgraded application will enable user access to enhanced queries which will enhance intelligence and information sharing capabilities. Nearly all terrorism cases that the MSP has been involved in have included a vehicle license plate component. Outages in the current application have caused mission critical reads to not be captured and stored in the database. Users have been unable to login to the application to perform queries or add hotplates during police operations. Query times have been delayed or not returned and hotlist hit notifications have been delayed or not sent. BOSS 3.6 is currently used to host MSP ALPR data and is not currently under a service or support contract from the software vendor. This project would purchase new software (BOSS 4.0) with maintenance to ensure that any software related issues are resolved in a timely manner and that any new software features are provided. Due to the size of the current database, database tuning and maintenance services would also be provided. This software and support will help reduce outages. The current application does not allow data sharing between others using the same software or disparate law enforcement agencies applications. In the event of a mission critical license plate needing to go into a hotlist, it would need to be entered into every application hosted throughout the law enforcement community. This slows response, increases errors and is a challenge for law enforcement during off hours. Reads are also not easily shared across existing applications due to version differences and software vendor incompatibility. BOSS 4.0 will provide hotlist data sharing between other BOSS 4.0 systems and enhance information sharing.

**Funding Amount:** \$3,380,000.00

**Subgrantee:** Massachusetts State Police

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

**Project Location:** 01702

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

**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	\$0.00	0%
Organization	\$0.00	0%
Equipment	\$57,000.00	100%
Training	\$0.00	0%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$57,000.00</b>	<b>100%</b>

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

**Project Management Step:** Initiate

**Project Start Date:** SEPTEMBER 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

## II. Project Management - Investment # 9

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

Funding Source	Funding Amount
UASI	\$3,380,000.00

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

### Project # 17

## Project Information - Project # 17

**Project Name:** MBTA-Operation FIND

**Project Description:** This grant award will fund the planning, design and execution of a functional intermodal drill to assess the capabilities of multiple first responder agencies to institute and support responsibilities associated with establishing an area command organization as part of an overall incident command structure. Two large cranes fall from a construction project overlooking the Boat Section of the Ted Williams Tunnel behind the Highway Operations Center. One collapsed crane blocks roadway traffic to and from the Ted Williams Tunnel to Logan Airport and causes damage to the Silver Line overhead electrical wiring and right of way transit operations. The second collapsed crane lands directly on the Rockland Trust Bank Pavilion tent during a concert causing several injuries to people both inside and outside of the venue. The drill is agnostic with respect to causation and designed to reinforce preparedness and response protocols to support a large-scale catastrophic event. The drill supports an ongoing security, preparedness and response posture for an all hazards type of event, including but not limited to a potential coordinated attack, inclement weather, human error or equipment failure at an industrial construction work site. The drill will simulate response to an industrial accident at a local industrial/construction site that has impacts on multi modal transportation operations and a private sector concert venue attended by the public. Response and recovery will require multi-jurisdictional notification, communication, and situational awareness. It will provide a forum for first responders to utilize new tools and technologies to support search and rescue operations, establish a unified and common operating picture, and review response and recovery protocols for a major incident that may have a basis in terror or other factors.

**Funding Amount:** \$3,380,000.00

**Subgrantee:** Massachusetts Department of Transportation

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

**Project Location:** 02210

## III.A - Project Alignment to Core Capability and Solution Areas - Project # 17

**Primary Core Capability:** Critical Transportation

**Capability Building:** Sustain

**Deployable:** No

**Shareable:** No

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$5,000.00	6.67%
Organization	\$20,000.00	26.67%
Equipment	\$45,000.00	60%
Training	\$5,000.00	6.67%
Exercises	\$0.00	0%
<b>Total</b>	<b>\$75,000.00</b>	<b>100%</b>

## III.B - Project Baseline and Management - Project # 17

**Project Management Step:** Initiate

**Project Start Date:** SEPTEMBER 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 # 9.)