

AGENDA
ST. LOUIS AREA REGIONAL RESPONSE SYSTEM
BOARD OF DIRECTORS
Thursday, May 16, 2019 – 9:00 A.M.
ST. LOUIS CITY FIRE HEADQUARTERS

1. CALL TO ORDER BY WARREN ROBINSON
2. APPROVAL OF MINUTES OF APRIL 11, 2019 MEETING
3. DISCUSSION ITEMS
 - A. Directors Report
NICK GRAGNANI
STARRS
 - B. East-West Gateway Sub-grant Award Update
STACI ALVAREZ
East-West Gateway Council of Governments
 - C. CCTA Program Update
ALTHEA de GUZMAN
Hagerty Consultants
 - D. Sub-committee Reports
 - Communications Core Group
 - Emergency Management
 - Emergency Medical Services (EMS)
 - Hazardous Materials (Hazmat)
 - Healthcare Coalition
 - Healthcare Preparedness
 - Law Enforcement
 - Mass Fatality
 - Public Health
 - St. Louis Area Regional Coalition of COADS
 - Training and Exercise
 - Urban Search and Rescue
4. ACTION ITEMS
 - A. Finance Committee Recommendations to the
FY 2019 St. Louis Regional UASI Grant Application
ANTHONY FALCONIO
Madison County, Illinois
Emergency Management Agency
 - B. Regional Security Expenditures
NICK GRAGNANI
 - C. Nominating Committee Report
CAPTAIN CHRIS HUNT
St. Charles County Police Department
Emergency Management Agency
5. OTHER BUSINESS
6. NEXT MEETING AND ADJOURNMENT – Next meeting will occur on Thursday, June 13, 2019

**STARRS BOARD OF DIRECTORS
MEETING MINUTES
April 11, 2019**

The meeting of the STARRS Board of Directors was called to order at 9:00 a.m. at the City of St. Louis Fire Headquarters, 1421 N. Jefferson, St. Louis, Missouri, with attendance as follows:

Directors Present

Jon Belmar
Greg Brown
Gary Christmann
Mark Diedrich
Don Feher
Brian Gettemeier
Nick Harper
Justen Hauser
Chris Hunt
Dennis Jenkerson
Nick Kohlberg
Joann Leykam
Vanessa Poston
Lynden Prange
Roger Smith
Michele Tanton
Jim Terry
Dave Todd
John Whitaker

Excused

Abe Cook
Anthony Falconio
Todd Fulton
Ryan Nicholls
Lawrence O'Toole
Derek Rieger
Warren Robinson
Bill Roche
Herb Simmons
Morris Taylor
Ryan Weber

Absent

John Nowak
Josh Wilderson

Ex Officio

Jim Wild

Also in attendance were Derek Lohner, Missouri State Emergency Management Agency and STARRS / East-West Gateway Council of Governments staff Staci Alvarez, Nick Gagnani, Ky Kee, Brian Marler, Leah Watkins and Brad Zoref.

CALL TO ORDER

Captain Chris Hunt, Board Secretary, called the meeting to order.

APPROVAL OF MINUTES OF MARCH 14, 2019 MEETING

Motion was made to approve the minutes of the March 14, 2019 meeting. Motion carried, all voting aye

DISCUSSION ITEMS

Directors Report

Mr. Gragnani reminded the Board that the deadline for the submission of STARRS FY 2019 UASI Grant Applications is 5:00 PM on Friday, April 26, 2019. Because of the short time frame that staff will have for the submission of the St. Louis regional FY 2019 UASI grant application, there will be no extension on this deadline. He explained the FY 2019 UASI grant funding timeline, advising that staff anticipates the release of the FY 2019 UASI Notice of Funding Opportunity (NOFO) to be no later than April 16, 2019 with Friday, April 12, 2019 the best date for the release. He reminded the members present that the STARRS Board meeting in May has been moved to Thursday, May 16. This provides enough time for the STARRS Finance Committee to meet and review the results of the committee's Force Comparison votes, which sets the priority for funding of the projects submitted by the STARRS Committees for FY 2019 funding.

Hospital Preparedness Preliminary 2019 Budgets

Dale Chambers updated the Board on the Hospital Preparedness Program (HPP) grant. He stated that HPP funding is provided by the U.S. Department of Health and Human Services (DHHS), Office of the Assistant Secretary of Preparedness and Response (ASPR) through the HPP Program. Unlike the UASI grant, which passes through the State of Missouri and on to East-West Gateway (EWG) and STARRS, the HPP funding is managed by the Missouri Department of Health and Senior Services (DHSS). East-West Gateway is the grant contractual recipient with STARRS the manager of the funding for the agency. A portion of the grant funds are maintained by the State to support staff positions, which include the Missouri Disaster Medical Assistance Team along with several other statewide initiatives and programs. The State uses subcontractors to provide the local implementation of the grant which includes, in addition to EWG/STARRS, the Missouri Hospital Association (MHA) and the Mid America Regional Council (MARC) in Kansas City, Missouri as state contractors. Dale stated that the grant is managed differently in each state. In Illinois, the State Department of Health manages the funding for the Illinois counties in our region. For the Missouri counties, the St. Louis Regional Healthcare Coalition (HCC) makes recommendations on the distribution of the funding to the STARRS Board for approval. The regional HPP funding footprint covers most of the Missouri Highway Patrol's Region C area, which includes Pike, Lincoln, Warren, St. Charles, Franklin, St. Louis County, City, Jefferson, Washington, and St. Francois.

Mr. Chambers advised further that the HPP is an annual grant with its funding period running from July 1 to June 31. He stated that the grant has very specific deliverables relating to HCC activities, which include planning and exercising initiatives. MO DHSS, working with the HPP partners from MHA, MARC and STARRS, develop an HPP work plan which becomes part of the EWG contract with the State. The St. Louis Regional HCC is responsible for achieving not only the grant required deliverables but capturing the spirit of the grant through developing partnerships throughout the health care and other response communities.

Dale continued, stating that the FY 2019 grant budget will be \$256,176. He stated further that this begins a new 5 year performance plan. New for this year, which begins July 1, is a requirement to designate a regional lead hospital or hospital system to the St. Louis Regional

HCC. Another requirement directs the HCC to create a full time equivalent Health Care Readiness & Response Coordinator as well as a clinical advisor. Both positions have very specific requirements and qualifications. The St. Louis Regional HCC has recommended the coordinator position be embedded within the HCC lead hospital or system. Working with DHSS and the HCC, the position was placed in the St. Louis work plan and budget line item. The HCC Readiness & Response Coordinator will be a regional position, not specific to the lead hospital system and has specific HPP deliverables that have to be met. It has been mutually agreed to, that BJC Healthcare will be the lead hospital system with the HCC Readiness & Response Coordinator position being embedded as part of the BJC staffing. A future sub-award will be developed for this position using HPP funding to support it. This is similar existing positions within the Fusion Center. The HCC determined that the clinical advisor position would be filled by various hospital clinicians volunteering to support the management of emergency medical resources currently within staged caches. A group of designated hospital clinicians will be available 24/7 for HCC utilization. SSM Health has agreed to lend one of their staff who is already engaged with both St. Louis and HOPE Coalition in Illinois for this important role.

Dale stated that for regional planning purposes, it is important to note the HPP and Public Health Emergency Preparedness grants share many objectives in the next 5 year performance period. Within each upcoming year, these activities will be focused on Pediatrics, Contagious Illness, Burn, Chemical, and Radiological type injuries. Other disciplines may be interested in working on their plans in these same years in order to enhance information sharing and inform planning.

Sub-committee Reports

- Communications Core Group – Chief Brown advised the Core Group met the previous day and reviewed the progress of the Nokia equipment updates. In addition, the committee approved their FY 2019 grant applications, which includes funding for the St. Louis Area Truck Emergency Radio (SLATER) system to be linked with the Missouri Statewide Interoperability Network (MOSWIN).
- Emergency Management – No report
- Emergency Medical Services (EMS) – Deputy Chief Nick Harper reported that the committee is also working on their FY 2019 grant applications which includes funding for a regional version of the software called PulsePoint, equipment for the regional rescue task force and the distribution of Cyano Kits. He advised further that the committee continues working on their bylaws.
- Hazardous Materials – No report
- Healthcare Coalition – Vanessa Poston advised that the committee continues to work on outreach to similar healthcare providers which included dialysis and long term care facilities as required by the committee bylaws and as a HPP grant deliverable. She stated more information would be available in future reports. Vanessa said the Coalition will be reviewing the regional Hazard Vulnerability Analysis and the Emergency Response and Planning documents for potential updates.
- Healthcare Preparedness – No report
- Law Enforcement – Chief Dave Todd stated the committee is working with STARRS staff on updating the committee membership and preparing the FY 2019 UASI grant applications
- Mass Fatality – Roger Smith, Madison County, IL Chief Deputy Coroner introduced himself to the Board as the new Chair of the Mass Fatality Committee. He advised further that he and Ms. Kathleen Hargrave, Director of Operations at the Office of the Regional Medical Examiner for St. Charles, Jefferson, and Franklin Counties are the committee co-chairs.

Deputy Chief Smith advised that the committee is currently assessing their static resources which are currently housed in caches at various death provider locations within the region. He stated the plan is to round out cache supplies and develop a better plan for stock rotation. They are also reviewing manpower capabilities for when a surge occurs in the region. He advised that the committee recognizes there is a shortfall even for day to day death investigations. The committee is also reviewing resources available from private agencies to help supplement identified gaps. He stated that the committee is reviewing the Mass Fatality response plan that was developed in 2011-2012, updating contact information along with current resources and newer professional practices. Chief Smith stated that the committee has identified training needs which includes ICS training for medical examiner staffing, who will remain on the scene once the unified command has ceased operations at any major incident.

- Public Health – Justen Hauser advised the committee is working on their FY 2019 UASI grant applications and beginning the planning work for their full scale exercise scheduled for October 10, 2019. He stated further that the committee is working through the Gateway Volunteer Network to update their mission statement and increase the volunteer membership pool by 10%. St. Louis Area Regional Coalition of COADS – No report
- Training and Exercise – No report
- Urban Search and Rescue (US&R) – Brian Gettemeier stated the Task Force recently deployed for a large area search in Marthasville, MO in Warren County for a missing person where STARRS assets were deployed for the search. He stated that all teams are monitoring area river conditions for potential flooding and the need for the deployment of swiftwater assets.

ACTION ITEMS

Finance and Nominating Committee Report

Nick Gragnani summarized the following STARRS Executive Committee nominations for approval:

Finance Committee – The Executive Committee recommends the following STARRS Board members be reaffirmed to the Committee:

STARRS Board Treasurer, Anthony Falconio is the Committee Chair

- Gary Christmann, St. Louis City, MO Emergency Management Agency
- Greg Brown, Eureka Fire Protection District, Eureka, MO
- Don Feher, St. Clair County, IL Emergency Management Agency
- Justen Hauser, Franklin County, MO Department of Health
- Joann Leykam, St. Charles County, MO
- Vanessa Poston, Missouri Baptist Hospital
- Bill Roche, St. Louis County Police Department
- Dave Todd, St. Charles County, MO
- Jim Wild, East-West Gateway Council of Governments

Nominating Committee - The Executive Committee recommends the following STARRS Board members be reaffirmed to the Committee:

STARRS Board Secretary, Chris Hunt is the Committee Chair

- Abe Cook, Franklin County, MO Emergency Management Agency
- Mark Diedrich, St. Louis County Police, Office of Emergency Management
- Herb Simmons, St. Clair County, IL 911 Emergency Telephone Service Bureau

The terms of the memberships to both the Finance and Nominating committees are a period of one year.

Motion approving the recommendation was made. Motion carried, all voting aye.

Regional Security Expenditures

Nick Gragnani, summarized staff's recommendation of the following expenditures, totaling \$119,485. The expenditures will be funded from the U.S. Department of Homeland Security's Urban Area Security Initiative (UASI) grant program.

Action	Description	Amount
Purchase	Sandbag Machine	\$95,485
Purchase	Video Downlink Test Kit	\$24,000

Motion approving the recommendation was made. Motion carried, all voting aye.

Nominating Committee Report

Captain Hunt summarized the Nominating Committee's STARRS Sub-Committee recommendations:

The Nominating Committee recommends the following individuals for membership on a STARRS Sub-Committee:

Law Enforcement

Rory O'Sullivan, Associate County Counselor, St. Charles County Government.

Urban Search and Rescue

Kevin Wingbermuehle, Assistant Chief, Rock Community Fire Protection District.

Richard Miller, Battalion Chief, O'Fallon, Missouri Fire Protection District

Request for Resignations/Removals

Sub-Committee	Name	Agency
Mass Fatality	Dennis Oaks	St. Clair County Coroner's Office
Law Enforcement	Tom Koch	St. Charles County Police Department
Law Enforcement	Holly Magdziarz	St. Charles County Government
Law Enforcement	Jason Tillott	St. Charles County Police Department
Law Enforcement	Brian Ludwig	St. Louis County Police Department

Motion approving the recommendation was made. Motion carried, all voting aye.

OTHER BUSINESS

Brad Zoref of STARRS' staff updated the Board on the Hazard Mitigation Project which staff at East-West Gateway are currently working on. He reminded the members present that FEMA requires that all Hazard Mitigation plans be updated every five years. He stated that input is required from local jurisdictions on the development of the plan. He stated further that the plan update will only include the Missouri Counties; the Illinois Emergency Management Agency works directly with the Illinois counties on their Hazard Mitigation plan updates. Brad stated that East-West Gateway has established several Hazard Mitigation Plan Public Officials Workshops which are as follows:

May 9, 2019

Bellfontaine Recreational Center
9669 Bellefontaine Rd (Room 109)
St. Louis, MO 63137

*Hours: 2:00-4:00 p.m. (workshop) and 5:00-7:00 p.m. (public meeting)

May 15, 2019

YMCA of Greater Saint Louis: Carondelet Park Rec Complex
930 Holly Hills Avenue
St. Louis, MO 63111

*Hours: 2:00-4:00 p.m. (workshop) and 5:00-7:00 p.m. (public meeting)

May 16, 2019

St. Louis Community College
Harris Community Center
3140 Cass Avenue
St. Louis, MO 63106

***Special Hours: workshop 11:30-1:30 pm, public meeting 2:00-5:00 pm.

May 21, 2019

St. Charles County Administration Building
201 N 2nd St, Room 116
St Charles, MO 63301

*Hours: 2:00-4:00 p.m. (workshop) and 5:00-7:00 p.m. (public meeting)

May 23, 2019
City of Pacific
300 Hoven
Pacific, MO 63069
*Hours: 2:00-4:00 p.m. (workshop) and 5:00-7:00 p.m. (public meeting)

May 29, 2019
Jefferson County Council Meeting Room
729 Maple Street
Hillsboro, MO 63050
*Hours: 2:00-4:00 p.m. (workshop) and 5:00-7:00 p.m. (public meeting)

NEXT MEETING & ADJOURNMENT

Motion to adjourn the meeting was made. Motion carried, all voting aye. The meeting was adjourned at 9:52 AM.

Chris Hunt



Memo to: STARRS Board
From: Staff
Subject: STARRS Finance Committee Report
Date: May 8, 2019

The STARRS Finance Committee met on Monday, May 6, 2019 at 1:00 PM at the City of St. Louis Fire Department Headquarters to make recommendation for awarding funding from the FY 2019 Urban Areas Security Initiative (UASI) Grant program. On April 12, 2019 the U.S. Department of Homeland Security (DHS) released the FY 2019 DHS grant program Notice of Funding Opportunity, which included the UASI grant program. The St. Louis Urban Area will be eligible for \$3,250,000 from the FY 2019 UASI grant; an increase of \$250,000 from the FY 2018 UASI grant award.

After accounting for Management and Administration costs for both the Missouri Office of Homeland Security and East-West Gateway, the total amount of grant funding available for distribution cannot exceed \$2,933,125 in proposed projects. The Committee also included the 25% required set aside for law enforcement terrorism prevention-oriented activities at a total of \$812,500.

To assist the members of the Finance Committee in reviewing the 41 projects totaling \$7,468,460, staff prepared Summary Sheets (attached) which contained information from the STARRS FY 2019 UASI Grant Applications for each of the projects submitted by the STARRS Subcommittees. The Summary Sheets included a description of each proposed project, the Core Capabilities that the project would address and the estimated cost for the project based on Planning, Organizational, Equipment, Training and Exercise expenditure estimates. Prior to the meeting, Committee members were required to score each project on a Force Comparison Worksheet. Finance Committee members used the worksheet to vote on which projects were most important to the region.

During the Committee meeting staff advised Committee members of available unspent funding from the FY 2017 and FY 2018 UASI grant budgets, which totaled \$500,000. This information was used by the Committee as a guide to determine funding distribution of the FY 2019 award and the unspent funds. In addition, staff advised the Committee of several equipment items that were submitted that are on the DHS Controlled Equipment list. The purchase of equipment items on this list have additional Application, Policy and Protocol, Training (to include training on Civil Rights and Liberties), After Action Reports and Record Keeping requirements that must be submitted and approved by DHS prior to their purchase.

The attached spreadsheet provides a summary of the Committee's funding recommendations along with the Committee's Motions and Votes.

Finance Committee Recommendation: The Board accept the recommendations of the STARRS Finance Committee.

RANK	SCORE	PROJECT	UASI		WASHOUT AWARDED
			REQUESTED	UASI AWARDED	
1	1.798	Fusion - Fusion Center Sustainment (TEW)	\$647,098.00	\$647,098	
2	1.792	REGION - STARRS Sustainment	\$864,681.00	\$864,681	
3	1.353	CYBER - Regional Cyber Coordination	\$303,267.50	\$183,268	\$120,000
4	1.353	T&E - Exercise Sustainment	\$64,000.00	\$35,000	
5	1.347	T&E - Training Sustainment	\$193,000.00	\$100,000	
6	1.297	USAR - Airbags Sustainment (5)	\$257,350.00	\$0	\$257,350
7	1.297	USAR - Extrication Sustainment (5)	\$178,750.00	\$178,750	
8	1.297	USAR - Water Rescue Sustainment (5)	\$107,909.00		future #2
9	1.286	LE - Mapping Overlay (Metro Air Support)	\$405,000.00	\$202,500	
10	1.257	LE - Ballistic Helmets (5 Teams)	\$206,822.00	\$206,822	
11	1.234	CCTA - Phase II	\$208,000.00	\$208,000	
12	1.200	LE - Bomb Robot (Metro Bomb Team)	\$374,000.00		
13	1.200	LE - Comms Headsets (4 Teams)	\$149,040.00	\$64,099	future #1
14	1.140	MF - Portable Morgue Equipment	\$35,852.50	\$35,853	
15	1.128	HazMat - Bio Assay Test Kit Sustainment (4 Teams)	\$94,545.00		future #3
16	1.115	HazMat - RAE Sustainment	\$326,705.00	\$204,055	\$122,650
17	1.084	USAR - Medical Supplies Sustainment	\$30,739.00		
18	1.077	REGION - Aerial Photography 911 GIS	\$600,000.00		
19	1.040	USAR - Training Sustainment	\$93,300.00		
20	1.034	PH - TSI PortaCount Calibrators	\$3,000.00	\$3,000	
21	1.027	HazMat - HazMat ID Elite Sustainment (3 Teams)	\$8,000.00		
22	0.990	EMS - Cyanokits Sustainment	\$82,800.00		
23	0.971	LE - Night Vision (2 Teams)	\$233,400.00		
24	0.958	EMS - Rescue Task Force (IL&MO)	\$31,020.00		
25	0.943	LE - LPR Camera & Server (SLMPD)	\$120,000.00		
26	0.940	COMM - Microwave ISSI Connection	\$217,000.00		
27	0.890	PH - ESSENCE Training	\$15,396.00		
28	0.864	HazMat - PPE Sustainment (2 Teams)	\$27,960.00		
29	0.764	HazMat - SCBA Sustainment (Madison Co)	\$19,400.00		
30	0.739	MF - Masters Training	\$4,200.00		future #5
31	0.739	EMS - Tourniquets	\$31,250.00		future #4
32	0.727	PH - NACCHO Summit (4)	\$11,760.00		
33	0.720	PH - CSTE Conference (4)	\$12,960.00		
34	0.670	HazMat - Comm Systems (2 Teams)	\$73,005.00		
35	0.657	LE - Gas Mask Fit Test (St. Clair Co)	\$700.00		
36	0.576	USAR - UTV (5)	\$110,000.00		
37	0.564	EM - Inflatable Antenna Towers (2)	\$51,000.00		
38	0.532	PH - GVN Outreach Campaign	\$30,000.00		
39	0.486	LE - Ballistic Blanket (Jefferson Co)	\$6,550.00		
40	0.476	EM - Mobile Generators (7)	\$413,000.00		
41	0.438	EMS - Pulsepoint	\$826,000.00		
			\$7,468,460.00	\$2,933,125	\$500,000

Motions			Votes by Committee Member										Total Votes			Pass/Fail	
#	Description	Total Amt. Funded	Motion by	2nd By	Greg B.	Tony F.	Don F.	Justen H.	Joann L.	Vanessa P.	Bill R.	Dave T.	Jim W.	Y	N	Abstain	Pass/Fail
1	Provide 2019 UASI funding for: (a) Fusion Center Sustainment at a total of \$647,098; and (b) Sustain STARRS Staff at a total of \$864,681.	\$1,511,779.00 \$647,098.00 \$864,681.00	Joann L.	Greg B.	Y	Y	Y	Y	Y	Y	A	Y	Y	8	0	1	Passed
2	Provide a total of \$303,268 in funding to support the Cybersecurity Coordinator position as follows: (a) 2019 UASI funding at a total of \$183,267.50; and (b) 2018 washout funding at a total of \$120,000.	\$303,267.50 \$183,267.50 \$120,000.00	Joann L.	B. Roche	Y	Y	Y	Y	Y	Y	Y	Y	Y	9	0	0	Passed
3	Provide 2019 UASI funding for training and exercise as follows: (a) \$100,000 to training; and (b) \$35,000 to exercises. Funds may be shifted between the two categories provided that the total funding for both training and exercises does not exceed \$135,000.	\$135,000.00 \$100,000.00 \$35,000.00	Joann L.	Dave T.	Y	Y	Y	Y	Y	Y	Y	Y	Y	9	0	0	Passed
4	Provide 2017 washout funding for USAR airbags at a total of \$257,350.	\$257,350.00	Joann L.	Greg B.	Y	Y	Y	Y	Y	Y	Y	Y	Y	9	0	0	Passed
5	Provide 2019 UASI funding for USAR extrication equipment at a total of \$178,750.	\$178,750.00	Joann L.	Greg B.	Y	Y	Y	Y	Y	Y	Y	Y	Y	9	0	0	Passed
6	Provide 2019 UASI funding for the purchase of overlay mapping system for one MASU helicopter at a total of \$202,500.	\$202,500.00	Joann L.	Greg B.	Y	Y	Y	Y	Y	Y	Y	Y	Y	9	0	0	Passed
7	Provide 2019 UASI funding for law enforcement ballistic helmets at a total of \$206,822.	\$206,822.00	Joann L.	Greg B.	Y	Y	Y	Y	Y	Y	Y	A	Y	8	0	1	Passed
8	Provide 2019 UASI funding for portable morgue equipment for Mass Fatality at a total of \$35,852.50	\$35,852.50	Joann L.	Greg B.	Y	Y	Y	Y	Y	Y	Y	Y	Y	9	0	0	Passed
9	Provide 2019 UASI funding to support CCTA Phase II at a total of \$208,000.	\$208,000.00	Joann L.	Don F.	Y	Y	Y	Y	Y	Y	Y	Y	Y	9	0	0	Passed
10	Provide a total of \$326,705 in funding for RAE Systems as follows: (a) 2019 UASI funding at a total of \$204,055; and (b) 2017/2018 washout at a total of \$122,650.	\$326,705.00 \$204,055.00 \$122,650.00	Greg B.	Joann L.	Y	Y	Y	Y	Y	Y	Y	Y	Y	9	0	0	Passed
11	Provide 2019 UASI funding for part of the cost of the request for law enforcement comms headsets at a total of \$67,099 and put the remainder of the cost (a total of \$81,941) on the list as priority #1 for 2019 washout funds.*	\$64,099.00	Joann L.	Greg B.	Y	Y	Y	Y	Y	Y	Y	Y	Y	9	0	0	Passed
12	USAR Water Rescue designated as priority #2 for 2019 washout funds (\$107,909).	\$0.00	Dave T.	Greg B.	Y	Y	Y	Y	Y	Y	Y	Y	Y	9	0	0	Passed
13	HazMat/Bio ASSAY test kits designated as priority #3 for 2019 washout funds (total cost of \$94,545).	\$0.00	Greg B.	Dave T.	Y	Y	Y	Y	Y	Y	Y	Y	Y	9	0	0	Passed

Motions			Votes by Committee Member										Total Votes			Pass/Fail	
#	Description	Total Amt. Funded	Motion by	2nd By	Greg B.	Tony F.	Don F.	Justen H.	Joann L.	Vanessa P.	Bill R.	Dave T.	Jim W.	Y	N		Abstain
14	EMS Tourniquets designated at priority #4 for 2019 washout funds (total cost \$31,250).	\$0.00	Greg B.	Dave T.	Y	Y	Y	Y	Y	Y	Y	Y	Y	9	0	0	Passed
15	Mass Fatality, Masters Training Course designated as priority #5 for 2019 washout funds (total cost \$4,200).	\$0.00	Joann L.	Dave T.	Y	Y	Y	Y	Y	Y	Y	Y	Y	9	0	0	Passed
16	Allocate \$3,000 of the 2019 UASI funds designated for the ballistic headset comms (motion #11) towards the Public Health TSI PortaCount Calibrators.	\$3,000.00	Justen H.	Dave T.	Y	Y	Y	Y	Y	Y	Y	Y	Y	9	0	0	Passed
*Based on motion # 16, the total 2019 funding for the law enforcement comms headsets was reduced by \$3,000 for a total of \$64,099 to the comms headsets which means that \$84,941 remains for 2019 washout funding.																	
Subtotal 2017/2018 Washout Funding		\$500,000.00															
Subtotal 2019 UASI Funding		\$2,933,125.00															
Total All Funding		\$3,433,125.00															

	<u>Total</u>		<u>Allocated</u>	<u>Remaining</u>	
Available Funds	\$3,433,125		\$0	\$3,433,125	
Needed LE Set Aside	\$812,500		\$0	\$812,500	
<u>PROJECT</u>	<u>REQUEST</u>	<u>LE %</u>	<u>APPROVED FOR</u>	<u>LE</u>	<u>COMMENTS</u>
CCTA	\$208,000		\$0	\$0	
1 CCTA - Phase II	\$208,000	25%		\$0	
Communications	\$217,000		\$0	\$0	
2 COMM - Microwave ISSI Connection	\$217,000	25%		\$0	
Cybersecurity	\$303,268		\$0	\$0	
3 CYBER - Regional Cyber Coordination	\$303,268	25%		\$0	
Emergency Management	\$464,000		\$0	\$0	
4 EM - Inflatable Antenna Towers (2)	\$51,000	25%		\$0	
5 EM - Mobile Generators (7)	\$413,000	0%		\$0	
EMS	\$971,070		\$0	\$0	
6 EMS - Cyanokits Sustainment	\$82,800	0%		\$0	
7 EMS - Pulsepoint	\$826,000	0%		\$0	
8 EMS - Tourniquets	\$31,250	0%		\$0	
9 EMS - Rescue Task Force (IL&MO)	\$31,020	0%		\$0	
Fusion Center TEW	\$647,098		\$0	\$0	
10 Fusion - Fusion Center Sustainment (TEW)	\$647,098	100%		\$0	
HazMat	\$549,615		\$0	\$0	
11 HazMat - RAE Sustainment	\$326,705	0%		\$0	
12 HazMat - SCBA Sustainment (Madison Co)	\$19,400	0%		\$0	
13 HazMat - PPE Sustainment (2 Teams)	\$27,960	0%		\$0	
14 HazMat - HazMat ID Elite Sustainment (3 Teams)	\$8,000	0%		\$0	
15 HazMat - Bio Assay Test Kit Sustainment (4 Teams)	\$94,545	0%		\$0	
16 HazMat - Comm Systems (2 Teams)	\$73,005	0%		\$0	
Law Enforcement	\$1,495,512		\$0	\$0	
1 LE - Ballistic Helmets (5 Teams)	\$206,822	100%		\$0	
2 LE - Comms Headsets (4 Teams)	\$149,040	100%		\$0	
3 LE - Night Vision (2 Teams)	\$233,400	100%		\$0	
4 LE - Gas Mask Fit Test (St. Clair Co)	\$700	100%		\$0	
5 LE - Bomb Robot (Metro Bomb Team)	\$374,000	100%		\$0	
6 LE - Mapping Overlay (Metro Air Support)	\$405,000	100%		\$0	
7 LE - Ballistic Blanket (Jefferson Co)	\$6,550	100%		\$0	
8 LE - LPR Camera & Server (SLMPD)	\$120,000	100%		\$0	
Mass Fatality	\$40,053		\$0	\$0	
17 MF - Portable Morgue Equipment	\$35,853	0%		\$0	
18 MF - Masters Training	\$4,200	0%		\$0	
Public Health	\$73,116		\$0	\$0	
19 PH - GVN Outreach Campaign	\$30,000	0%		\$0	
20 PH - TSI PortaCount Calibrators	\$3,000	0%		\$0	
21 PH - CSTE Conference (4)	\$12,960	0%		\$0	
22 PH - NACCHO Summit (4)	\$11,760	0%		\$0	
23 PH - ESSENCE Training	\$15,396	0%		\$0	
Regional Collaboration and Coordination	\$1,464,681		\$0	\$0	
24 REGION - STARRS Sustainment	\$864,681	0%		\$0	
25 REGION - Aerial Photography 911 GIS	\$600,000	25%		\$0	
Training & Exercise	\$257,000		\$0	\$0	
26 T&E - Training Sustainment	\$193,000	10%		\$0	
27 T&E - Exercise Sustainment	\$64,000	10%		\$0	
USAR	\$778,048		\$0	\$0	
28 USAR - Airbags Sustainment (5)	\$257,350	0%		\$0	
29 USAR - Extrication Sustainment (5)	\$178,750	0%		\$0	

30	USAR - Water Rescue Sustainment (5)	\$107,909	0%		\$0	
31	USAR - Medical Supplies Sustainment	\$30,739	0%		\$0	
32	USAR - Training Sustainment	\$93,300	0%		\$0	
33	USAR - UTV (5)	\$110,000	0%		\$0	
	Project Requests	\$7,468,460			\$0	\$0
	UASI 2019 Grant Total	\$3,250,000		Needed LE Set Aside		\$812,500
	UASI 2019 MO State M&A	-\$162,500		Needed Cyber Set Aside		\$0
	UASI 2019 EWG M&A	-\$154,375				
	UASI Unspent 2017/2018 Funds	\$500,000		Non-LE Projects		\$5,972,948
	TOTAL AVAILABLE FUNDS	\$3,433,125		LE Projects		\$1,495,512
						\$7,468,460

STARRS FINANCE COMMITTEE

UASI FY 2019 INVESTMENT JUSTIFICATION SUMMARIES

The attached UASI FY 2019 project summaries were created for the members of the STARRS Finance Committee to make it easier to review each of the projects that were submitted by the STARRS Subcommittees. Information on the project summaries came from the completed STARRS FY 2019 UASI Grant Applications from the Communications Core Group, Emergency Management, EMS, Fusion Center/TEW, HazMat, Law Enforcement, Mass Fatality, Public Health, Training & Exercise and US&R Subcommittees. In addition, there is the Regional Collaboration IJ that contains information in support of continued STARRS funding and the Aerial Photography Project.

The FY 2019 grant guidance requires that a Cyber Security Investment Justification be included in the final grant application. Therefore, a Cyber Security project summary is included in this year's summary packet. Also included in this year's packet is a project summary for the Complex, Coordinated Terrorist Attack (CCTA) project. The CCTA program has been a huge success to date. The CCTA grant funding ends in July 2020 and the U.S. Department of Homeland Security has stated there will be no continuance of the CCTA funding program. Therefore, funding is being requested to continue the planning, training and exercise initiatives.

Each summary provides detailed information on all of the funding requests for FY 2019 UASI grant program funding. This includes the Investment description, THIRA Core Capabilities supported, and total amount requested. The project summary also provides information on if the project sustains or builds a regional capability. The definition of these terms are:

Sustain – Funding will maintain an existing resource/assets capabilities that is critical to the region's response as identified in the THIRA.

Build – Creating a new capability or enhance an existing one.

Finance Committee members need to review each of the IJ Summaries before completing the Force Comparison Worksheet.

UASI FY2019 INVESTMENT JUSTIFICATION SUMMARY SHEET

COMMITTEE NAME: St. Louis Regional CCTA Program

INVESTMENT DESCRIPTION: St. Louis Regional Complex Coordinated Terrorist Attack Program Phase II - The St. Louis Regional Complex Coordinated Attack-CCTA Program has been an overwhelming regional success. Regional Command and Control, Law enforcement, Fire and EMS Operational Guides have been developed and regionally scheduled training exercises have been held to test each guides operational capability. However, funding from the Preparing Communities for Complex Coordinated Attacks grant will end in August 2020. In order to continue with the success of the regional CCTA program, this investment justification will seek to sustain progress made during the CCTA grant period with a CCTA Phase II project that will address response and planning gaps identified in Phase 1 and improve capabilities in threat prevention, response, and recovery.

The CCTA Phase II project will continue to reduce the severity of gaps in regional threat response. Additional goals include improved situational awareness within the St. Louis region and with external partners, improved multi-agency coordination, and improved responder safety. Through the Fusion Center community education component, the continued improvement in community and responder awareness of providing actionable information to improve safety and security in the St. Louis region will be achieved. CCTA Phase II will include supporting response and recovery community engagement, communication tools, provide regional CCTA training and update the regional CCTA guides and procedures. Current CCTA grant activities are ongoing and will further define CCTA Phase II goals and objectives, which include, engagement with critical infrastructure and key resources; update CCTA guides to address changing tactics; reunification planning; and, updating situational awareness and intelligence sharing processes.

TOTAL AMOUNT REQUESTED: \$208,000

PRIMARY THIRA CORE CAPABILITES SUPPORTED:

- Operational Coordination

Indicate whether the project will sustain or build a core capability (*Sustain- maintain capability at existing level; Build- start new capability or fill gap that raises capability level*)

Sustain

Build

Sustainment Description (*For sustainment projects - briefly describe the existing capability or project that this project will sustain and how this project will help sustain that capability or project*)

The St. Louis Regional Complex Coordinated Attack Program seeks to sustain progress made during the Preparing Communities for Complex Coordinated Attacks grant with a CCTA Phase II project. The CCTA grant performance period ends August 2020, with no new CCTA grant being made available. The regional CCTA Program builds on UASI investments and codifies many of the prior projects into an organized, anti-terrorism program that is preparing the St. Louis region to respond to the next threat or hazard.

Project Total - CCTA - Phase II		
POETE Category	Est. Costs	Description
Planning	\$175,000.00	
<i>Update/develop CCTA related documents</i>	<i>\$50,000.00</i>	
<i>Reunification planning</i>	<i>\$55,000.00</i>	
<i>ILO program planning & implementation</i>	<i>\$55,000.00</i>	
<i>Community outreach & education planning</i>	<i>\$15,000.00</i>	
Organization	\$0.00	
Equipment	\$25,000.00	
<i>Education materials</i>	<i>\$15,000.00</i>	
<i>ILO program materials</i>	<i>\$10,000.00</i>	
Training	\$8,000.00	<i>Regional ILO training, total QTY of 8</i>
Exercises	\$0.00	
Total Project Cost	\$208,000.00	

UASI FY2019 INVESTMENT JUSTIFICATION SUMMARY SHEET

COMMITTEE NAME: Communications Core Group

INVESTMENT DESCRIPTION: STARRS-MOSWIN Microwave ISSI Connection - To extend network connectivity between STARRS microwave and MOSWIN backhaul networks. Establishing connections between the two disparate networks will: (1) Permit interoperable communication between the Tri-County (St. Louis, St. Charles and Jefferson Counties PSAP 911), MOSWIN (State of Missouri, City of St. Louis, and Bi-State Development Agency (BSDA/Metro)), and STARCOM 21 (St. Clair, Madison and Monroe Counties) in Illinois; (2) Provide extended radio communications coverage capability to each exclusive system' (3) Create system(s) resiliency by way of coverage overlap of neighboring systems.

Goal: Increase communications interoperability between users of disparate radio communications systems that exist in the St. Louis UASI region.

TOTAL AMOUNT REQUESTED: \$217,000

PRIMARY THIRA CORE CAPABILITES SUPPORTED:

- Operational Communications

Indicate whether the project will sustain or build a core capability (*Sustain- maintain capability at existing level; Build- start new capability or fill gap that raises capability level*)

Sustain

Build

Build Description (*For build projects - briefly describe the capability that this project will build or what gap this project will fill to raise a capability level*)

This is a physical microwave connection to support technology known as ISSI. See previous sections for gaps this technology will fill in regional communications.

Project Total - COMM - ISSI Microwave Connections		
POETE Category	Est. Costs	Description
Planning	\$109,000.00	<i>Services to create ISSI microwave connections (i.e. path/site surveys, equipment installation, etc.)</i>
Organization	\$0.00	
Equipment	\$108,000.00	<i>Microwave equipment to create ISSI microwave connection (i.e. hardware/software, antennas/waveguides, transceivers)</i>
Training	\$0.00	
Exercises	\$0.00	
Total Project Cost	\$217,000.00	

UASI FY2019 INVESTMENT JUSTIFICATION SUMMARY SHEET

COMMITTEE NAME: CYBER

INVESTMENT DESCRIPTION: The project's goals are to address identified gaps and deficiencies, reduce the region's threat landscape, enhance the overall security posture, and improve response, mitigation, recovery, and resiliency to major cyber-attacks through the creation of a regional Cybersecurity Coordinator position.

The Presidential National Security Strategy identified cyberspace as a leading challenge to national security today and in the future, and the regional THIRA has identified major gaps in resiliency in the cyber realm. A national priority has been placed on securing election systems, conducting assessments or surveys of key infrastructure, conducting regional cyber training and exercises, and promoting good cyber security practices and hygiene to the region's stakeholders. Additionally, the grant has begun adding cybersecurity requirements in recent years, such as in 2018 when the grant added a requirement that at least one (1) cyber security investment justification be included in the submission, and in 2019 when a requirement was added requiring all grant recipients to participate in a national self-assessment on cybersecurity.

The Coordinator will work closely with the Federal Emergency Management Agency (FEMA) and Department of Homeland Security (DHS) Cybersecurity and Infrastructure Security Agency (CISA) advisors to accomplish this mission. The Coordinator will also work in collaboration with the United States Secret Service's Electronic Crimes Task Force (ECTF) and the Federal Bureau of Investigation (FBI) InfraGard cybersecurity initiative. This position will also assist grant recipient agencies with fulfilling cyber mandates such as participation in the "Nationwide Cyber Security Review" (NCSR) of 2019.

TOTAL AMOUNT REQUESTED: \$303,267.50

PRIMARY THIRA CORE CAPABILITES SUPPORTED: Cybersecurity

Indicate whether the project will sustain or build a core capability (*Sustain- maintain capability at existing level; Build- start new capability or fill gap that raises capability level*)

Sustain

Build

Sustainment Description (*For sustainment projects - briefly describe the existing capability or project that this project will sustain and how this project will help sustain that capability or project*)

Build Description (*For build projects - briefly describe the capability that this project will build or what gap this project will fill to raise a capability level*)

Regional Cybersecurity Coordination – This project will help build cybersecurity capabilities and coordination in the St. Louis region through the creation of a full-time cybersecurity coordinator position. The coordinator will have access to federal systems and initiatives not available to others, and will become a regional point of contact and cyber coordination between Federal, State and Local cyber security initiatives. The coordinator will be housed at the St. Louis Fusion Center. This request funds the position for the duration of the UASI 2019 grant.

Project Total - Cyber - Regional Cyber Coordination		
POETE Category	Est. Costs	Description
Planning	\$0.00	
Organization	\$303,267.50	<i>Cybersecurity Coordinator, 30 months of support</i>
Equipment	\$0.00	
Training	\$0.00	
Exercises	\$0.00	
Total Project Cost	\$303,267.50	

UASI FY2019 INVESTMENT JUSTIFICATION SUMMARY SHEET

COMMITTEE NAME: Emergency Management

INVESTMENT DESCRIPTION: Inflatable Antenna Tower - To procure two (2) inflatable towable antenna towers for Madison and Monroe Counties to temporarily improve regional radio coverage in remote areas during emergency responses. Towers also provide scene lighting for use in low light areas and can be operated on solar power.

Mobile Generators - Seven (7) propane generators to replace the seven (7) current Baldor generators that were purchased with UASI funds. The current generators have reached end of life and parts for repair are obsolete. These new units will be housed, maintained and deployed by the Madison County (2 generators), Monroe County (2 generators) and St. Louis County (3 small 19KW generators) Emergency Management Agencies and available for any jurisdiction in the region.

TOTAL AMOUNT REQUESTED: \$464,000

PRIMARY THIRA CORE CAPABILITES SUPPORTED:

- Operational Communications

Indicate whether the project will sustain or build a core capability (*Sustain- maintain capability at existing level; Build- start new capability or fill gap that raises capability level*)

Sustain

Build

Sustainment Description (*For sustainment projects - briefly describe the existing capability or project that this project will sustain and how this project will help sustain that capability or project*)

Although the check mark was applied for Sustain in the grant application, the description for why it was sustain was left blank. No information was provided to describe the existing capability or project that this project will sustain and how this project will help sustain that capability or project

Build Description (*For build projects - briefly describe the capability that this project will build or what gap this project will fill to raise a capability level*)

Remote area coverage of LMRs is weak in our region and these emergency response towers can aid in filling that gap on a temporary basis during emergency responses.

Project Total - Emergency Management		
POETE Category	Est. Costs	Description
Planning	\$0.00	
Organization	\$0.00	
Equipment	\$464,000.00	
<i>Inflatable antenna towers</i>	\$51,000.00	<i>Includes: QTY 2 - 37' inflatable tower, QTY 2 - inflatable towerkit, and QTY 2 - solar power kit; QTY 1 to Madison Co. and QTY 1 to Monroe Co.</i>
<i>Mobile generators</i>	\$413,000.00	<i>Trailer mounted propane generators; total QTY 7; QTY 2 to Madison Co.; QTY 2 to Monroe Co., and QTY 3 to St. Louis Co.</i>
Training	\$0.00	
Exercises	\$0.00	
Total Project Cost	\$464,000.00	

UASI FY2019 INVESTMENT JUSTIFICATION SUMMARY SHEET

COMMITTEE NAME: EMS

INVESTMENT DESCRIPTION: The implementation of the PulsePoint system, equipment purchases for the region's Rescue Task Force Initiative and the purchase of Cyanokits for regional EMS agencies.

TOTAL AMOUNT REQUESTED: \$971,069.64

PRIMARY THIRA CORE CAPABILITES SUPPORTED: Public Health, Healthcare, and Emergency Medical Services

Indicate whether the project will sustain or build a core capability (*Sustain- maintain capability at existing level; Build- start new capability or fill gap that raises capability level*)

Sustain

Build

Sustainment Description (*For sustainment projects - briefly describe the existing capability or project that this project will sustain and how this project will help sustain that capability or project*)

- Cyanokits - Replenishment of the regional cache of cyanide antidote kits (Cyano-kits) that will expire during the coverage of this grant period. The kits have an average 2 year useable life expectancy.

In 2015 Cyano-kits were deployed within the St. Louis region to be utilized as a regional cache. These kits, are stored, distributed, and intended for eventual use for firefighters and citizens that will be exposed to combustion byproducts that contain cyanide gas which is found to exist in modern day construction materials which is released when those materials are exposed to fire. The benefit is for all the victims of a fire in the St. Louis region. Prior to the cache deployment made possible with the approval of the initial request, very few fire departments had the capability to deploy and administer this antidote. Additionally, should a major incident occur in our region, there was not enough antidote kits available in hospital or first responder supply to treat and quantity of patients who may be exposed.

The initial cache purchase is pre-deployed throughout the region and a working deployment model has been successfully implemented. Local medical directors came together to develop a unified protocol for the region. The Greater St. Louis Area EMS Officers Association worked with host agencies and assisted in facilitating training of area EMS personnel on use of the antidote kit.

This project is an ongoing sustainment from the initial cache of cyano kits deployed in the St. Louis region. Rotating the purchase of the kits allows for replenishment of stock while being observant of product expiration. The sustainment will replenish the current stock for continued and uninterrupted protection of our community.

Build Description (*For build projects - briefly describe the capability that this project will build or what gap this project will fill to raise a capability level*)

- PulsePoint - Co-implement two lifesaving tools that utilizes public access / crowdsourcing applications to direct citizen responders to mitigate critical life threat situations. Implementation for the crowdsource application PulsePoint in the Illinois counties of Madison, Monroe and St. Clair and the Missouri counties of Saint Louis, St. Charles, Franklin, Jefferson, and the City of St. Louis. PulsePoint is a smart-phone app that alerts people (who have downloaded the app) to sudden cardiac arrest situations, when they are within 1/4 mile radius of the emergency. The app also identifies the closest Automatic External Defibrillator, guiding citizen responders to the tools that can save a life. The app also identifies if tourniquets are co-located within the AED, to mitigate gross bleeding. Another function of the

PulsePoint app, is the ability to send emergency alerts to those within a certain region. The alerting function can be used in times of natural disaster, community wide emergency, etc. to alert the general public through a mechanism many citizens have - their cell phone.

Nearly 90% of St. Louis County is already functioning under the PulsePoint system. Implementation throughout the East West Gateway service area would build on the base of citizen responders, making the system much more robust. Anyone who downloads the PulsePoint app can be alerted in ANY PulsePoint covered area, making this one of the best local, regional and national initiatives. By directing citizen responders who are within direct proximity of a life-threatening emergency offers the opportunity for rapid intervention and mitigation of the situation by giving the tools to the people who are already on or within close proximity of the scene. Co-locating tourniquets in in areas of assembly directly meets needs associated with complex coordinated attack considerations. High victim incidents have generally occurred at areas of assembly. In many of these incidents major bleeding could not be effectively controlled quickly, resulting in death. Co-locating tourniquets with public access Automatic External Defibrillators in places of assembly puts the tools in the hands of the people who can make the biggest impact - our citizens.

The build out portion of the project will bring PulsePoint program integrated with Stop the Bleed (tourniquets) to the E.W Gateway coverage area and will provide greater resilience in the event of natural disaster or community wide emergency through the interactive messaging feature. The app automatically directs the citizen responder to the location of emergency incidents and locates the tools they need to help save a life.

- Tourniquets - The second part of the PulsePoint initiative is to place quantities of tourniquets in identified places of assembly, to provide mitigation capabilities of mass bleeding.
- Rescue Task Forces - Provide and sustain a North (St. Louis County) Area Rescue Task Force Team. It will also provide and sustain a three County area Rescue Task Force Teams in Illinois. This project would create a cache of RTF vest and helmets and RTF medical supplies that would be deployable to support EMS agencies anywhere within the Local regions or Metropolitan region with the ability to support additional full functional EMS/ Medical Rescue Task Force Teams in Illinois and Missouri.

Based on the changing and sustained threats and hazards, promote the development and sustainment of new NIMS Tier I and Tier II resources in emergency medical services and law enforcement in order to respond to a Complex Counter Terrorism Attack (CCTA) in our region. These teams will support the other regional rescue task force teams that have been developed or in development. While multiple EMS agencies have participated in the CCTA program now running in the STARRS response area it has been identified and concerning as one of regions Emergency Medical Services (EMS) Gaps' (training & equipment). These Fire/EMS RTF teams will support other regional Rescue Task Force Teams that have been developed or in development stages now.

Currently there are several teams in our region that are being developed, trained and organized for preparation of a CCTA. Equipping and training a North Area team will enhance and strengthen the regions capability to respond to a Complex Counter Terrorism Attack. This will help sustain our region's readiness.

Project Total - EMS		
POETE Category	Est. Costs	Description
Planning	\$290,000.00	<i>PulsePoint Implementation - one time fee to get the system set up, includes geo-mapping of PSAP coverage area, program download onto PSAP servers; implementation tools (e.g. PR materials, design, mapping of call codes). Fee for 10 jurisdictions, total QTY of 29: St. Charles Co. Dispatch (1); Jefferson Co. Dispatch (1); Franklin Co. Dispatch (2); Madison Co. Dispatch (15); Monroe County Dispatch (1); St. Clair Co. Dispatch (5); Kirkwood Dispatch (1); University City Dispatch (1); City of St. Louis Fire Dispatch (1); Glendal Fire (1); note that Central Co. Dispatch and East Central Dispatch have already implemented the program so are not included on this list</i>
Organization	\$0.00	
Equipment	\$681,069.64	
<i>PulsePoint Subscriptions</i>	<i>\$536,000.00</i>	<i>On-going fee for using system, based upon population served by the individual PSAP. Subscriptions for 12 jurisdictions, total QTY of 62: East Central Dispatch (2); Central County Dispatch (2); St. Charles Co. Dispatch (2); Jefferson Co. Dispatch (2); Franklin Co. Dispatch (4); Madison Co. Dispatch (30); Monroe County Dispatch (2); St. Clair Co. Dispatch (10); Kirkwood Dispatch (2); University City Dispatch (2); City of St. Louis Fire Dispatch (2); Glendal Fire (2)</i>
<i>Tourniquets</i>	<i>\$31,250.00</i>	<i>QTY 1250 to be distributed to EMS agencies in MO & IL</i>
Rescue Task Force Equipment	\$31,019.64	
<i>Ballistic helmets</i>	<i>\$5,160.00</i>	<i>24 QTY - 12 x 2 RTFs (4 x 6 teams, 3 teams/RTF)</i>
<i>Ballistic vests</i>	<i>\$8,040.00</i>	<i>24 QTY - 12 x 2 RTFs (4 x 6 teams, 3 teams/RTF)</i>
<i>Rapid response kits</i>	<i>\$9,348.00</i>	<i>24 QTY - 12 x 2 RTFs (4 x 6 teams, 3 teams/RTF)</i>
<i>MCI walkbag/active shooter bags</i>	<i>\$5,999.88</i>	<i>6 QTY - 3 x 2 RTFs (1 x 6 teams, 3 teams/RTF)</i>
<i>Tourniquets</i>	<i>\$1,823.76</i>	<i>72 QTY - 36 x 2 RTFs (12 x 6 teams, 3 teams/RTF)</i>
<i>NAR Quiklitters</i>	<i>\$648.00</i>	<i>24 QTY - 12 x 2 RTFs (4 x 6 teams, 3 teams/RTF)</i>
<i>Cyanokits</i>	<i>\$82,800.00</i>	<i>92 QTY</i>
Training	\$0.00	
Exercises	\$0.00	
Total Project Cost	\$971,069.64	

UASI FY2019 INVESTMENT JUSTIFICATION SUMMARY SHEET

COMMITTEE NAME: St. Louis Fusion Center - Terrorism Early Warning Group (TEW)

INVESTMENT DESCRIPTION: The purpose of this investment is to sustain the Urban Area's – UA Terrorism Early Warning Fusion Center - TEW. It will sustain systems and equipment for an established terrorism prevention program geared toward fusion center personnel, intelligence analysts, terrorism liaison officers, local first responders and other disciplines within the UA. The investment shall continue funding a position to maintain and ensure operational capabilities for Fusion Center managed projects (LPRD and SMRT). This project will additionally fund the CI/KR coordinator to sustain implementation of the National Infrastructure Protection Plan. This project will also sustain an intelligence analyst position, allowing the fusion center to continue to provide timely analysis of tips and leads and suspicious activity reporting (SAR) that are received by the fusion center from federal, state and local partners, TLO's, CI/KR owners and operators and private citizens. The project directly aligns with U.S. Department of Homeland Security's Fusion Center performance measures. We anticipate seeing improvement of the quality and quantity of reporting as direct result of funding.

TOTAL AMOUNT REQUESTED: \$647,098

PRIMARY THIRA CORE CAPABILITES SUPPORTED:

- Intelligence and Information Sharing

Indicate whether the project will sustain or build a core capability (*Sustain- maintain capability at existing level; Build- start new capability or fill gap that raises capability level*)



Sustain



Build

Sustainment Description (For sustainment projects - briefly describe the existing capability or project that this project will sustain and how this project will help sustain that capability or project)

The St. Louis Fusion Center is designated by the U.S. Department of Homeland Security as a recognized major urban area fusion center. The Fusion Center is recognized as the primary conduit between frontline personnel, state and local leadership, and the rest of the Homeland Security Enterprise, filling a significant security gap identified by the 9/11 Commission with the goal of maximizing the ability to detect, prevent, investigate, and respond to criminal and terrorist activity.

Sustaining the terrorism prevention training programs allows for liaison terrorism awareness training for all disciplines and agencies (i.e., public health, housing inspectors, public utilities, fire etc.). This investment will also sustain the CI/KR coordinator for implementation of the National Infrastructure Protection Plan, sustain an intelligence analyst position, allowing the fusion center to continue to provide timely analysis of tips and leads and suspicious activity reporting (SAR) that are received by the fusion center from federal, state and local partners, TLO's, CI/KR owners and operators and private citizens.

The Fusion Center engages in protection by working in conjunction with the FBI's Joint Terrorism Task Force, by conducting vulnerability assessments, by collating and analyzing suspicious activity reporting and by disseminating federally generated intelligence to the private industry partners, first responders and critical infrastructure owners and operators. This sustained investment allows for the Fusion Center to assist with terrorism detection and investigations. Additionally, the Fusion Center will sustain the necessary critical operational capabilities of RECEIVING, ANALYZING, DISSEMINATING and GATHERING intelligence and information.

D-6. Budget Justification - Total		
<i>For STARRS Use Only</i>		
Project Total - TEW Sustainment (Fusion Center)		
POETE Category	Est. Costs	Description
Planning	\$0.00	
Organization	\$221,702.00	
<i>CIKR Coordinator</i>	<i>\$135,016.00</i>	<i>12 months of support</i>
<i>Intelligence Analyst</i>	<i>\$62,844.00</i>	<i>12 months of support</i>
<i>LPRD/SMRT PM</i>	<i>\$23,842.00</i>	<i>13 months of support</i>
Equipment	\$275,396.00	
<i>IT subscriptions / access</i>	<i>\$17,500.00</i>	<i>Phone, FirstNet, cable, internet, website domain; IT Pro TV; NESSUS</i>
<i>Reporting / intelligence tool subscriptions</i>	<i>\$104,000.00</i>	<i>Social Media Threat to Life; LEARN; SITE; Intell Techniques, Cellebrite/UFD Touch; I2; CLEAR</i>
<i>Computing devices</i>	<i>\$23,396.00</i>	<i>Desktop; laptop; portable tablet; external storage devices</i>
<i>Intelligence Systems</i>	<i>\$125,000.00</i>	<i>Real Time Threat Observation Technology; Deployable LPR system</i>
<i>Office supplies</i>	<i>\$5,500.00</i>	<i>Paper; toner; etc.</i>
Training	\$150,000.00	<i>Training for Fusion Center personnel, UASI partners, ILOs, DHS required/approved training events</i>
Exercises	\$0.00	
Total Project Cost	\$647,098.00	

UASI FY2019 INVESTMENT JUSTIFICATION SUMMARY SHEET

COMMITTEE NAME: Hazmat

INVESTMENT DESCRIPTION: This project would allow for sustainment of existing team capabilities in order to maintain existing regional response functionality.

TOTAL AMOUNT REQUESTED: \$549,615

PRIMARY THIRA CORE CAPABILITES SUPPORTED: Screening, Search and Detection

Indicate whether the project will sustain or build a core capability (*Sustain- maintain capability at existing level; Build- start new capability or fill gap that raises capability level*)

Sustain

Build

Sustainment Description (*For sustainment projects - briefly describe the existing capability or project that this project will sustain and how this project will help sustain that capability or project*)

- Monitoring (RAE) Systems - Our current AreaRae RDK Kits have been an extremely valuable asset that has been deployed in multiple situations. Over their thirteen years in service, these monitors have been deployed at everything from Presidential Debates at Washington University, World Series games downtown, toxic landfills in North St. Louis County, and even simple hazmat entries throughout the county. They allow all of the teams in the region the ability to keep situational awareness in real time for chemical vapors and GAMMA radiation unlike any other piece of equipment in our cache. This system has supplied incident commanders with invaluable information, however, due to their age, these monitors are frequently out of service for repair and are coming to the end of their life span. In order to maintain our current state of readiness, we are requesting a four (4) new Area Rae Pro Gamma monitors. The existing Area Rae Rapid Deployment Kits have allowed our regional response teams to assess chemical and radiological threats and collect the data in real time at a remote command post. This system is a fundamental piece in keeping an accurate situational awareness and threat assessment on any incident scene or deployment. The replacement of these units will not only allow for sustainment of the region's current capabilities, but improve them with technological upgrades within the units.

This project is also a sustainment of existing AreaRae RDK monitors that have reached a service life that the manufacturer will no longer support. This creates a gap in detection capability in: plume modeling and remote detection for chemical and radiological threats. We are requesting the purchase of AreaRae Gamma monitors to replace our obsolete units.

- SCBA Madison Co: This project would provide our team with robust, interoperable SCBAs for hazardous materials and WMD response and mitigation activities. SCBA are our primary and the highest rated respiratory protection equipment available. These SCBA are also compatible with our MT-94 Lion multi-threat ensemble WMD suit. The MT-94 must be ordered with a specific SCBA in mind. Our MT-94 suits are ordered for use with Scott SCBA.

SCBA Franklin Co: No descriptive information was provided by Franklin Co.

- PPE St. Charles and St. Louis Co: The Level A Hazardous Material Entry Suit has been the cornerstone of protection for entry teams for many years. While our current inventory of level A suits have served the community well, many are coming to the end of their usable life. We are requesting replacement of a portion of our aging fleet of Level A Suits to maintain members safety and operability.

- Hazmat ID: St. Clair, St. Charles and City of St. Louis: This project is requesting funds to maintain libraries, reach back capabilities, sensors, calibrations, etc. for our existing equipment to include; the Smith's Haz Mat ID Elite,
- Bio Assay Test Kits Madison, St. Charles, St. Clair, St. Louis City: This project involves the purchase of services and equipment related to sustaining existing equipment / systems. This project is requesting funds to maintain libraries, reach back capabilities, sensors, and calibrations

Build Description (*For build projects - briefly describe the capability that this project will build or what gap this project will fill to raise a capability level*)

- Communications Madison Co: This project would provide our team with robust, interoperable C4I or command, control, communications and intelligence capabilities in a small, versatile vehicle that will serve as a duty officer vehicle and command and control vehicle. Due to the experience and capabilities of the hazmat team, we are transitioning into a special operations team that can respond to a variety of large and/or complex events that require special assets or command and control. The team recently assisted in Venice, Illinois during a large warehouse fire and provided capabilities and resources to the incident commander. The team is purchasing a pickup truck to serve as an initial response and command and communications vehicle. As a statewide deployable team and a team that will and has deployed in our UASI region, we currently do not have the funding to equip this truck with a multiband communications system and laptop for interoperability between different jurisdictions and agencies.

Communications Franklin Co: No descriptive information was provided by Franklin Co

Project Total - HazMat		
POETE Category	Est. Costs	Description
Planning	\$0.00	
Organization	\$0.00	
Equipment	\$549,615.00	
Monitoring (RAE) Systems	\$326,705.00	
<i>Jefferson Co.</i>	<i>\$86,900.00</i>	<i>RAE System and laptop w/ software</i>
<i>Madison Co.</i>	<i>\$5,700.00</i>	<i>Rugged computer</i>
<i>St. Clair Co. SES</i>	<i>\$83,905.00</i>	<i>RAE System and laptop w/ software</i>
<i>St. Louis Co.</i>	<i>\$72,200.00</i>	<i>Laptop for RAE System and software; AreaRae Pro Gamma monitors - QTY 4</i>
<i>Franklin Co.</i>	<i>\$46,000.00</i>	<i>Laptop for RAE System and software</i>
<i>City of St. Louis</i>	<i>\$32,000.00</i>	<i>AreaRae Gamma monitors - QTY 2</i>
Communications	\$73,005.00	
<i>Madison Co.</i>	<i>\$12,655.00</i>	<i>Radio, antenna, program selection, remote mount, palm microphone, cable kit, console, docking station, warranty, software</i>
<i>Franklin Co.</i>	<i>\$60,350.00</i>	<i>Radios, mics, chargers, etc.</i>
SCBAs	\$19,400.00	
<i>Madison Co.</i>	<i>\$14,200.00</i>	<i>QTY 2 - SCBAs and masks; CGA 4500 psi cylinder</i>
<i>Franklin Co.</i>	<i>\$5,200.00</i>	<i>QTY 3 SCBA cylinders</i>
PPE	\$27,960.00	
<i>City of St. Charles</i>	<i>\$9,360.00</i>	<i>QTY 6 - Level A suits; QTY 18 - hard hats</i>
<i>St. Louis Co.</i>	<i>\$18,600.00</i>	<i>QTY 6 - Level A suits; QTY 3 masks</i>
HazMat ID	\$8,000.00	
<i>City of St. Charles</i>	<i>\$2,500.00</i>	
<i>St. Clair Co. SES</i>	<i>\$3,000.00</i>	
<i>City of St. Louis</i>	<i>\$2,500.00</i>	

Testing Kits	\$94,545.00	
<i>City of St. Charles</i>	\$15,580.00	<i>RAMP/RAZOR bio assay tests, measurement tubes, screening tests, classifier strips, CMS stip set, clandestine lab test</i>
<i>Madison Co.</i>	\$475.00	<i>Kit</i>
<i>St. Clair Co. SES</i>	\$2,880.00	<i>RAMP bio assay test</i>
<i>City of St. Louis</i>	\$75,610.00	<i>RAMP/RAZOR bio assay tests, MX 908 All-hazard trace detection</i>
Training	\$0.00	
Exercises	\$0.00	
Total Project Cost	\$549,615.00	

UASI FY2019 INVESTMENT JUSTIFICATION SUMMARY SHEET

COMMITTEE NAME: Law Enforcement

INVESTMENT DESCRIPTION: Equipment purchases for the region's Tactical Operations, Bomb Teams, Metro Air Support Unit and the St. Louis Metropolitan Police Department's, Real Time Crime Center.

TOTAL AMOUNT REQUESTED: \$1,495,512

PRIMARY THIRA CORE CAPABILITES SUPPORTED:

Indicate whether the project will sustain or build a core capability (*Sustain- maintain capability at existing level; Build- start new capability or fill gap that raises capability level*)

Sustain

Build

Sustainment Description (*For sustainment projects - briefly describe the existing capability or project that this project will sustain and how this project will help sustain that capability or project*)

- **Ballistic Helmets for Jefferson, St. Clair, St. Charles, St. Louis Counties and SLMPD:** The purchase of the new ballistic helmets will replace the expiring helmets. Most teams in the region require replacement and this will maintain compatibility within the teams. All the regional teams are response supportive.
- **Communication and Hearing Protection Headsets for Jefferson, St. Charles, St. Louis Counties and SLMPD:** The purchase of the new Comtac VI headset (3M PELTOR ComTac VI NIB and SWAT-TAC VI NIB Tactical Communication and Hearing Protection Headset) have advanced EMI (Electro Magnaetic Interference) shielding for reduced radio interference and more importantly, NIB (Natural Interactive Behavior) function allows for 4 team members to speak simultaneously, and over 60 people within a 10 meter radius to listen at any given time. This new "line of sight" interoperability allows communication with any operator from any team thatis utilizing the Comtac VI headset. In a world where communication is repeatedly noted as a "gap", this is a huge step toward solving that challenge. It should be noted the new Comtac VI will also be compatible with the current Avon gas mask systems purchased by STARRS for all regional teams.
- **Night Vision for St. Clair and St. Louis Counties:** From St. Louis County Tactical Operations' Application: To replace aging/broken night vision monoculars and to provide the same night vision capabilities to all members of the Tactical Operations Unit. Currently most if not all area SWAT teams have the same helmet mounted night vision equipment, making for easy sharing and interoperability within the teams in the STARRS region. With the purchase of six (6) additional night vision monoculars along with the helmet mounts all members of the team would have a working set of night vision. In the event of a large scale night time operation all area SWAT teams could operate at the same level. If any area SWAT team's current night vision would fail, the items could be used by that jurisdiction until their equipment could be repaired or replaced. The night vision monoculars along with the mounting brackets allow the operator to be hands free. This allows the operator greater capabilities in night time detection and location of any armed assailants. This project increases the operator's capabilities during any potential terrorist attack by providing night vision. The use of night vision allows the operator to move through terrain and buildings/structures in low/no light conditions without being detected, therefore allowing the officer greater security and safety. From St. Clair County Sheriff' Department's Application: Night vision is imperative during low light situations. Currently the team is using hand me down night vision that was obtained through the military. All these units are old. A few

function properly and the rest are inoperable. It is important that each operator have at their disposal night vision and not just a few.

- Gas Mask Fit Test Machine - St. Clair County Sheriff's Department: A gas mask fit test machine will allow all operators to have properly fit masks.
- Bomb Robot with Remote Opening Tools for Metro Bomb Team: In response to recent domestic and international events involving active shooters utilizing explosive devices and the ongoing threat of vehicle-borne IEDs combined with the increase use of homemade explosives, updates to current equipment will continue. These updates are needed to maintain requirements put forth by the National Bomb Squad Commander's Advisory Board (NBSCAB). The upgrade of equipment would substantially increase the capabilities of bomb technicians in the performance of their duties which will increase the safety of the public and first responders. The use of powered rescue tools would assist bomb technicians during remote render safe operations. These tools are recommended requirements set forth by the National Bomb Squad Commander's Advisory Board. Also recommended are stand-off tools which allow greater distance while manually manipulating suspected IEDs. The purchase of this new equipment will sustain the ability of the St. Louis Regional Bomb and Arson Unit's response capabilities and satisfy requirements set forth by the National Bomb Squad Commander's Advisory Board. The updated equipment would increase the operational abilities of bomb technicians in numerous environments. This equipment would also increase capabilities to concerns listed in the THIRA for the St. Louis Urban Area and throughout the region.
- Mapping Overlay for Metro Air Support: purchase three digital overlay moving map systems and three touchscreen monitors (NVIS Mode) to be used on the Metro Air Support Unit helicopters to increase the capabilities of the aviation unit for the St. Louis Metropolitan Region. The Metro Air Support Unit operates five helicopters that provide aerial law enforcement protection for the St. Louis Metropolitan Region (including three counties within Illinois). New digital overlay moving map systems would greatly improve the flight crews ability to conduct area searches and follow vehicles that refuse to stop for police officers by allowing the flight crew to identify streets quicker and more efficiently. Currently, we operate a mapping system that splits a 13 inch monitor screen in half, which greatly limits the flight crews ability to track a moving vehicle through the FLIR camera. The system that we are requesting would reduce the workload on the tactical flight officer and allow the flight crew to focus their attention inside the cockpit more, which will reduce their workload. In addition to assisting all of the law enforcement agencies in the metropolitan area, the flight crew assists the United States Coast Guard, Upper Mississippi Sector, in protecting our critical infrastructure around the St. Louis Metropolitan Region by visually checking bridges, power plants and lock and dam systems. This improved mapping system would not only help with these daily infrastructure checks, but would allow our flight crews to be more effective in locating missing persons and suspects trying to hide from law enforcement. The overlay moving map system would also integrate with our current video downlink onto the touch screen monitor.

Build Description *(For build projects - briefly describe the capability that this project will build or what gap this project will fill to raise a capability level)*

- Ballistic Blanket: Currently the Jefferson County Sheriff's Office SWAT team does not carry the capability of ballistic blankets. The addition of the ballistic blankets would add a shareable asset to the Region and allow the Jefferson County Sheriff's Office enhance their ability to save lives during an attack.

- License Plate Reader (LPR) Cameras and Server for SLMPD Real Time Crime Center: Intelligence and Information Sharing Core Capability - Law Enforcement and the Fusion Center share 100% of relevant, timely, and actionable information and analysis with federal, state, local, private sector, and international partners and develop and disseminate appropriate classified/unclassified products. Capabilities of the fixed LPR system include the ability to identify vehicles present in multiple regions of interest, or conduct searches for vehicles based on factors such as complete or partial license plate numbers, type of hit and estimated speed. The SLMPD has advanced the intelligence and information sharing core capabilities by integrating security cameras into the same platform as fixed LPR cameras. In addition, we will integrate LPR reads and hits into the St. Louis Fusion Center's Regional LPRD Database. This is important as it will give law enforcement officers access to valuable information that is gathered in different parts of the St. Louis Region. The St. Louis Metropolitan Police Department currently utilizes the Genetec AutoVu LPR system as well as the Genetec Video Management System - seamlessly integrating those technologies in the Real Time Crime Center. Interdiction and Disruption Core Capability - Prevention: Conduct terrorism counter-acquisition activities to prevent weapons, precursors, or related technology, or other support (including financial) from reaching its target. One of the core capabilities of the Real Time Crime Center is the integration of technology into a single location with 24/7 monitoring and evaluation of information/data. This includes technology tools such as surveillance cameras, license plate recognition systems (LPR), gunshot detection systems, chemical and biological sensors. This unified and integrated platform allows the RTCC to quickly investigate calls for suspicious vehicles and persons to identify potential precursors in an effort to prevent an attack on a target. The platform has the capability to expand to other critical infrastructure providing the RTCC with real-time information.

Project Total - Law Enforcement		
POETE Category	Est. Costs	Description
Planning	\$0.00	
Organization	\$0.00	
Equipment	\$1,495,512.00	
<i>Ballistic Equipment</i>	<i>\$362,412.00</i>	
<i>Blankets</i>	<i>\$6,550.00</i>	<i>48" x 72" - QTY 2; 48" x 48" - QTY 1; all items will go to Jefferson Co. Sheriff's Dept.</i>
<u><i>Helmets</i></u>	<u><i>\$206,822.00</i></u>	
<i>St. Clair Co. Sherriff</i>	<i>\$26,180.00</i>	<i>QTY 20</i>
<i>SLMPD</i>	<i>\$36,652.00</i>	<i>QTY 28</i>
<i>Jefferson Co. Sheriff</i>	<i>\$32,725.00</i>	<i>QTY 25</i>
<i>St. Charles Co. PD</i>	<i>\$65,450.00</i>	<i>QTY 50</i>
<i>St. Louis Co. PD</i>	<i>\$45,815.00</i>	<i>QTY 35</i>
<u><i>Headsets</i></u>	<u><i>\$149,040.00</i></u>	
<i>SLMPD</i>	<i>\$30,240.00</i>	<i>QTY 28</i>
<i>Jefferson Co. Sheriff</i>	<i>\$27,000.00</i>	<i>QTY 25</i>
<i>St. Charles Co. PD</i>	<i>\$54,000.00</i>	<i>QTY 50</i>
<i>St. Louis Co. PD</i>	<i>\$37,800.00</i>	<i>QTY 35</i>
<i>Night Vision</i>	<i>\$233,400.00</i>	
<i>St. Clair Co. Sheriff</i>	<i>\$210,000.00</i>	<i>QTY 20 goggles</i>
<i>St.. Louis Co. PD</i>	<i>\$23,400.00</i>	<i>QTY 6 goggles and 6 helmet mounts</i>

Fit Testing Machine	\$700.00	<i>will go to St. Clair Co. Sheriff's Dept.</i>
Robot	\$374,000.00	<i>Robotic platform - QTY 1, remote opening tools - QTY 1, remote handling tools - QTY 4 - all items will go to St. Louis Co. PD</i>
MASU - Mapping System	\$405,000.00	<i>Overlay mapping system & touchscreen monitors for MASU - QTY 3 - will go to St. Louis Co. PD</i>
Cameras & Server	\$120,000.00	<i>AutoVu LPR Camera - QTY 20; Dell Server - QTY 1 - all items will go to SLMPD</i>
Training	\$0.00	
Exercises	\$0.00	
Total Project Cost	\$1,495,512.00	

UASI FY2019 INVESTMENT JUSTIFICATION SUMMARY SHEET

COMMITTEE NAME: Mass Fatality

INVESTMENT DESCRIPTION: The Mass Fatality Project is perhaps the grimmest task undertaken by the St. Louis Urban Area Security Initiative. Simply, it is to fulfill the Mass Fatality Management aspects required under Emergency Support Function #8 - Public Health and Medical Services Annex. This project is responsible for assuring that adequate partnerships exist throughout the St. Louis UASI region between existing governmental medicolegal death investigation agencies, emergency management, law enforcement, hospitals and health care providers, and numerous stakeholders in both the private and public sector during a time of natural or human caused disaster, large scale criminal action, pandemic episode, or other calamitous event that results in deaths of a number greater than any given death investigation entity within the region can handle singularly. In addition to bringing together the subject matter experts of death investigation and fatality management related entities, the project identifies shortfalls in material goods and assets to effectively manage a surge of deceased human remains and subsequently works to acquire and maintain these items. Additionally, the Mass Fatality Project is responsible for assuring adequate training and education of death investigation personnel for the effective response and management of mass fatality incidents.

The Mass Fatality Project's goals are to provide a mechanism for the governmental medicolegal death investigation (coroners and medical examiners) agencies in the St. Louis UASI region a system to provide effective response and management of deceased human remains during either a high fatality surge event (CCTA, active shooter, transportation mishap) or a wider scale, regional event of longer duration of several days or weeks (heat wave, pandemic, earthquake or once again a CCTA) with multiple fatality sites requiring death investigative services and management of human remains. Each death investigation agency, although competent and capable, is not sufficiently robust to meet the needs of the citizenry during such events, especially in consideration of the timeframe that may be required by the death investigation agency to achieve positive identification and disposition of remains. Note that even in day-to-day operations of death investigation agencies, a death investigation may require several weeks between initiation of the investigation and its conclusion culminating in the issuance of a death certificate. With current and continual planning, equipping, and training, the region will be better able to respond to fatality inducing events, provide timely death investigation with positive identification of the deceased, notification of their next of kin, establishment of cause and manner of death, and ultimately return those deceased human remains to their loved ones for disposition.

TOTAL AMOUNT REQUESTED: \$40,052.50

PRIMARY THIRA CORE CAPABILITIES SUPPORTED:

Indicate whether the project will sustain or build a core capability (*Sustain- maintain capability at existing level; Build- start new capability or fill gap that raises capability level*)

Sustain

Build

Sustainment Description (*For sustainment projects - briefly describe the existing capability or project that this project will sustain and how this project will help sustain that capability or project*)

The Mass Fatalities Committee and Project has been actively building capability for response and recovery efforts from any event that would result in loss of life in the St. Louis UASI Region since 2010. Fatality Management requires use of myriad disciplines and skillsets, including pathologists, odontologists, anthropologists, field investigators, and technicians of various capabilities. The nature of the work requires not only fixed asset equipment, but expendable supplies as well for the protection of workers as well as completion of collection of deceased human remains, evidence collection, and specimen procurement. With this in mind,

the Mass Fatality Committee now seeks to replace expired, expendable supplies that are at the end of their shelf life and would have questionable integrity for safety.

Build Description (*For build projects - briefly describe the capability that this project will build or what gap this project will fill to raise a capability level*)

The project continues to build upon capabilities initiated during previous years to better enable the UASI region to stand up a fully functional Disaster Portable Morgue Unit (DPMU) with special consideration to the St. Louis UASI region being a bi-state entity that is physically separated by the Mississippi River and the ever present possibility of ground transportation compromise during a wide-scale catastrophic event. This year's anticipated "building blocks" in this project is the completion of pathology/autopsy instrument kits for the examination and autopsy of human remains during a mass fatality event. The autopsy examination is crucial during a mass fatality event death investigation as it provides detail as to the cause of death, establishes clues and information leading to positive identification, and establishes legal foundations to afford prosecution in events where the precipitating instance is a criminal event (i.e. terrorism, active shooter, etc.). Bearing in mind that compromise of land transportation infrastructure is a distinct possibility, along with encumbrances imposed by state statutes regarding the management and disposition of deceased human bodies, the DPMU's are being designed to operate independently and simultaneously in Illinois and Missouri or adjunctively and lend support to each other.

The goal of the 2019 Masters training is to advance the quality of medicolegal death investigation through the dissemination of information regarding burgeoning techniques and best practice standards for various scenarios. This course will address Mass Fatality preparedness-lessons learned from the 1 October shooting in Las Vegas. This course is intended for those individuals that are familiar with basic death investigation techniques but seek to expand their knowledge base and learn latest advancements in medicolegal death investigation.

Project Total - Mass Fatality		
POETE Category	Est. Costs	Description
Planning	\$0.00	
Organization	\$0.00	
Equipment	\$35,852.50	
Autopsy equipment	\$16,220.00	
<i>Instrument kits</i>	\$14,120.00	QTY 2 - St. Louis City ME; QTY 1 - Jefferson Co.; QTY 1 - Madison Co. Coroner
<i>Scale and stand</i>	\$2,100.00	QTY 1 each - Madison Co. Coroner
DNA Kits & Cards	\$5,485.00	
<i>Buccal swab collection kits</i>	\$2,475.00	QTY 500 - 100 to each of St. Louis City ME; Madison Co. Coroner; St. Charles Co. EM; St. Clair Co. Coroner; and St. Louis Co. ME
<i>Blood cards and barrier pouches</i>	\$3,010.00	QTY 500 each - 100 of each to each of St. Louis City ME; Madison Co. Coroner; St. Charles Co. EM; St. Clair Co. Coroner; and St. Louis Co. ME
Exam / Protective supplies	\$14,147.50	
<i>Gloves</i>	\$7,200.00	400 Boxes of various types/sizes; 10 of each type to each of St. Louis City ME; Madison Co. Coroner; St. Charles Co. EM; St. Clair Co. Coroner; and St. Louis Co. ME
<i>Gowns</i>	\$1,672.50	10 cases of various sizes; 3 cases of each size to each of St. Louis City ME; Madison Co. Coroner; St. Charles Co. EM; St. Clair Co. Coroner; and St. Louis Co. ME
<i>Shoe covers</i>	\$4,875.00	10 cases of various sizes; 3 cases of each size to each of St. Louis City ME; Madison Co. Coroner; St. Charles Co. EM; St. Clair Co. Coroner; and St. Louis Co. ME
<i>Caps</i>	\$400.00	5 cases of various sizes; 1 case of each to each of St. Louis City ME; Madison Co. Coroner; St. Charles Co. EM; St. Clair Co. Coroner; and St. Louis Co. ME
Training	\$4,200.00	Master's Death Investigation Conference; QTY 6 - 1 for each of St. Charles Co., Madison Co., St. Louis Co., City of St. Louis, St. Clair Co., and Monroe Co.
Exercises	\$0.00	
Total Project Cost	\$40,052.50	

UASI FY2019 INVESTMENT JUSTIFICATION SUMMARY SHEET

COMMITTEE NAME: Public Health

INVESTMENT DESCRIPTION: Provide funding that will support the Gateway Volunteer Network (GVN) Outreach and Recruitment Campaign; calibration of three quantitative fit testing machines, called the TSI PortaCounts; and send local public health staff to the Council of State and Territorial Epidemiologists (CSTE) Annual Conference Training for Public Health and National Association of County and City Health Officials (NACCHO) Disaster Preparedness Summit conferences and provide Electronic Surveillance System for the Early Notification of Community-based Epidemics (ESSENCE) training.

TOTAL AMOUNT REQUESTED: \$73,116

PRIMARY THIRA CORE CAPABILITES SUPPORTED:

Indicate whether the project will sustain or build a core capability (*Sustain- maintain capability at existing level; Build- start new capability or fill gap that raises capability level*)

Sustain

Build

Build Description (*For build projects - briefly describe the capability that this project will build or what gap this project will fill to raise a capability level*)

- Gateway Volunteer Network (GVN) Outreach and Recruitment Campaign: The purpose of this project is to reach out to nurses and pharmacists in the St. Louis UASI region to increase their awareness of the opportunity to serve as dispensers in the time of an All Hazard Emergency and recruit them to sign up as volunteers with their local Medical Reserve Corps (MRC) Unit. This target population is essential in our ability to operationalize Points of Dispensing when responding during an All Hazard Emergency. As our current number of MRC volunteers in the bi-state is extremely low for the population and geographic area served, it is necessary to begin focused recruitment of residents who are licensed to dispense medicines and vaccinate people. As members of the Gateway Volunteer Network, MRC Unit Leaders and Coordinators along with representatives from the Public Health UHC PIO Core Team will work together on this initiative.

This project will help fill a gap in the capabilities which address operationalization and volunteer management. The bi-state region has a vast shortage of MRC volunteers with a license to dispense medicines and vaccinate people should the need arise to activate Points of Dispensing or deploy MRC volunteers in other All Hazard emergencies. It is vital for the MRC Units in the St. Louis UASI region to increase their number of volunteers particularly in this target population. The Gateway Volunteer Network, which comprises the MRC Unit Leaders and Coordinators from this UASI region as well as representatives from the PIO Core Team, understands the significant impact of this deficit of qualified volunteers and proposes to address that gap by soliciting a contract for bid, if funding is available, to conduct a targeted campaign to nurses and pharmacists in this UASI region through direct mail and digital marketing. The campaign will include: the development of a consistent message regarding the opportunity to serve as dispensers in the time of an All Hazard Emergency and recruit them to sign up as volunteers with their local MRC; deployment of an effective and consistent media message through direct mail and digital channels (e.g. Facebook, Instagram, Google Ad Network, websites, email, etc.) to the target audience; and online access to and provision of campaign analytics and performance resulting in an increase in the number of licensed MRC volunteers in the UASI region.

Sustainment Description (*For sustainment projects - briefly describe the existing capability or project that this project will sustain and how this project will help sustain that capability or project*)

- **TSI PortaCounts Calibration:** The purpose of this project is to calibrate three quantitative fit testing machines, called the TSI PortaCount. These machines provide a more reliable way to fit test a variety of respirators that are commonly used by Public Health, Law Enforcement, Fire Service, and EMS personnel masks consisting of N95, N99, N100, P1, P2, P3, HEPA, SCBA, half and full face, gas masks, and PAPRs. The machines are staged at three local health departments, but are available for use by all disciplines to support their respiratory protection programs. Calibration is necessary to ensure the devices are working properly and are capable of providing an accurate measure of the respiratory protection provided to an emergency responder.

While the machines are staged within local health departments, they can be deployed to any agency to support their respiratory protection programs. Public Health personnel have the capacity to train personnel on the use of the machine and its associated software, and may be able to assist with fit testing if time allows.

The machines can be used for preparedness activities to maintain readiness, but can also support response when necessary. All machines are self-contained and can be deployed to rapidly fit test responders on scene or at a staging area.

As mentioned previously, the machines are capable of fit testing a range of respirators suitable for a variety of responses, and can support any discipline's PPE needs.

The PortaCount machines were purchased with UASI funds and provided a significant improvement in respiratory protection capabilities, within Public Health and the region as a whole. Multiple agencies have trained on the machines and have implemented them into their programs to provide a more reliable fit test to their personnel.

Calibration of these machines will ensure that the region maintains this improved level of readiness to protect responder safety and health.

- **Council of State and Territorial Epidemiologists (CSTE) Annual Conference - CSTE Annual Conference** is the largest annual gathering of applied epidemiologists in the nation, located in Seattle, WA in 2020. The conference is a time-effective way to stay aware of and share the most important overarching and sector-specific issues of modern public health. The conference connects more than 1,400 public health epidemiologists and other professionals from across the country and will include workshops, plenary sessions with leaders in the field of public health, oral breakout sessions, roundtable discussions, and poster presentations. Attendees share their expertise in surveillance and epidemiology as well as best practices in a broad range of areas including informatics, infectious diseases, immunizations, environmental health, occupational health, disaster preparedness, injury control, and maternal and child health. Funding is requested to send four (4) regional epidemiologists and/or planners to this conference to stay up-to-date in the latest developments within their field.

This training supports the regional epidemiologists by preparing them to identify the source of an outbreak or public health threat. Allowing four (4) epidemiologists to attend this training will increase the entire region's capability to recommend, monitor, and analyze public health actions, boosting the overall strength of the East-West Gateway region. This training could help us develop or foster relationships with colleagues in other states and those relationships, combined with the knowledge gained by attending the conference, could allow for Saint Louis region epidemiologists to work with other states in the event of a future outbreak.

This training will sustain capability 13: Public Health Surveillance and Epidemiological Investigation, through its ability to provide guidance to create, maintain, support, and strengthen routine surveillance and detection systems and epidemiological investigation processes. Attending the 2020 CSTE Annual Conference in Seattle, WA will give epidemiologists in the East-West gateway region an opportunity to hear best practices to support ongoing systematic collection, analysis, interpretation, and management of data to better detect and respond to a public health threats. This training will also help sustain capability 13 by allowing epidemiologists to assess internal agency surveillance and investigation systems and implement quality improvement measures within their local public health jurisdiction.

- National Association of County and City Health Officials (NACCHO) Disaster Preparedness Summit - The 2020 Preparedness Summit, located in Dallas, TX, will connect roughly 1,800 public health and preparedness partners and feature experts from the healthcare and emergency management fields in addition to public health preparedness professionals to address the gaps between life-saving industries in an effort to work more collaboratively and efficiently in the face of emerging threats. Reaching across these sectors will leverage diversity of thought and advance the capacity of our communities to respond to and recover from emergency events. The Preparedness Summit will include workshops, plenary sessions with leaders in the field of public health, oral breakout sessions, including quick hits, learning sessions, and demonstrations, town hall presentations, and poster presentations.

The meeting will improve knowledge and increase collaboration among partners. Organizers from NACCHO have specified the following goals for the meeting:

- Interact with leaders in the industry to expand your professional network and raise your profile in the public health preparedness space;
- Share your agency's best practices and expertise with colleagues from the healthcare and emergency management and public health preparedness fields to contribute to the advancement of our nation's health security;
- Build partnerships with these life-saving industries to strengthen your agency's capacity in the face of emerging threats;
- Advance your creative-thinking skillset to find new ways to prepare for, respond to, and recover from threats like pandemic diseases, the opioid crisis, active shooter emergencies, and cybersecurity threats;
- Participate in interactive training and take away innovative solutions and practical strategies to meet the requirements of the evolving threat environment.

This training will sustain capability 13: Public Health Surveillance and Epidemiological Investigation, through its ability to provide guidance to create, maintain, support, and strengthen routine surveillance and detection systems and epidemiological investigation processes. Attending Preparedness Summit in Dallas, TX will give epidemiologists in the East-West gateway region an opportunity to hear best practices to support ongoing systematic collection, analysis, interpretation, and management of data to better detect and respond to a public health threats. This training will also help sustain capability 13 by allowing epidemiologists to assess internal agency surveillance and investigation systems and implement quality improvement measures within their local public health jurisdiction.

- Electronic Surveillance System for the Early Notification of Community-based Epidemics (ESSENCE) training - ESSENCE is used by state and local epidemiologists to monitor health trends within the Saint Louis region daily and over time. Data provided through ESSENCE can be used to respond to communicable diseases, influenza, or biological attacks. Epidemiologists in the region are asked by emergency preparedness, emergency management, and police to use ESSENCE during times of heavy human traffic to ensure a biological attack doesn't ensue. This program has been updated since any previous training, and with these new updated features in addition to new staff within the state and

LPHAs, a new full-day training by a developer of the program from Johns Hopkins University Applied Physics Laboratory is needed to get us regionally and uniformly trained.

This program training will be used for response in the event of a communicable disease, pandemic influenza, or biological attack event. The mission for this training is to provide the educational background to the region's epidemiologists and planners to more effectively use the program that will be used for response to pandemic influenza, a biological attack, or other naturally occurring epidemic. The objective is to train up to 20 professionals how adeptly use ESSENCE in order to accomplish this public health mission.

This training supports the regional epidemiologists by preparing them to identify and respond to natural and man-made public health threats. Epidemiologists work together to serve the entire region, by allowing regional epidemiologists to attend this training, we are able to openly communicate and share valuable knowledge to our partners, boosting the overall strength of the region. This training provides tools, examples, panels, and experience to the Saint Louis regional epidemiologists that can be used to better prepare the region for new and emerging threats.

This training will sustain capability 13: Public Health Surveillance and Epidemiological Investigation, through its ability to provide guidance to create, maintain, support, and strengthen routine surveillance and detection systems and epidemiological investigation processes. Providing this opportunity will give epidemiologists in the East-West gateway region an opportunity to hear best practices to support ongoing systematic collection, analysis, interpretation, and management of data to better detect and respond to a public health threats. This training will also help sustain capability 13 by allowing epidemiologists to assess internal agency surveillance and investigation systems and implement quality improvement measures within their local public health jurisdiction.

Project Total - Public Health		
POETE Category	Est. Costs	Description
Planning	\$30,000.00	<i>GVN outreach and recruitment campaign</i>
Organization	\$0.00	
Equipment	\$3,000.00	<i>Calibration for TSI PortaCount 8038 for 3 agencies: St. Charles Co., City of St. Louis, and Madison Co.</i>
Training	\$40,116.00	
<i>CSTE conference</i>	<i>\$12,960.00</i>	<i>4 PH staff to attend conference</i>
<i>NACCHO conference</i>	<i>\$11,760.00</i>	<i>4 PH staff to attend conference</i>
<i>Essence training</i>	<i>\$15,396.00</i>	<i>Trainer costs and technology costs</i>
Exercises	\$0.00	
Total Project Cost	\$73,116.00	

UASI FY2019 INVESTMENT JUSTIFICATION SUMMARY SHEET

COMMITTEE NAME: Regional Collaboration and Coordination

INVESTMENT DESCRIPTION: This investment continues emergency planning and regional collaboration in the St. Louis Urban Area (UA) by maintaining support staff to the St. Louis Area Regional Response System (STARRS) which is the St. Louis Urban Area Working Group. Additionally, funding will sustain the regional aerial photography 911 GIS project which provides a seamless computerized map of the entire UA for use by first responder agencies.

PRIMARY THIRA CORE CAPABILITES SUPPORTED:

- Sustains the St. Louis Urban Area disaster planning organization, the St. Louis Area Regional Response System (STARRS) which was created in 2004 to support the St. Louis Urban Area Work Group (UAWG) the STARRS Board of Directors.
 - Maintains the region's planning and GIS mapping capabilities
-

PLANNING

Project Description: STARRS - STARRS staff provide planning, procurement, and contracting support for the Urban Area Workgroup committees and special response teams throughout the St. Louis region. STARRS staff with assistance from East-West Gateway has administered grant funds for the St. Louis Urban Area since 2004. Additionally, staff updates the annual THIRA and Multi Year Training & Exercise plan and maintains several regional plans, which include the Regional Emergency Resource Coordination Plan, the Regional Tactical Interoperable Communications Plan, the Regional Healthcare Coordination plan, and the Mass Fatality Resource Coordination plan. Without this investment UASI grant funds cannot be applied for and administered for the region. The regional collaboration and response capabilities established since 2004 would be diminished.

Staff salaries are currently operating under the FY 2016 UASI grant budget, which will end in July 2019. At that time we will switch to the FY 2017 grant budget until it runs out in July 2020, when the FY 2018 grant will start and run until July 2021. Depending on when the FY 2019 grant is released, staff will begin operating on FY 2019 grant funding in August 2021 and continue for a period of 12 months.

Total Cost \$864,681

Deployable	<input checked="" type="checkbox"/>	Shareable	<input checked="" type="checkbox"/>
Sustain	<input checked="" type="checkbox"/>	Build	<input type="checkbox"/>

Project Description: Aerial Photography 911 GIS Project - The acquisition and distribution of seamless high-resolution imagery (digital orthophotos) for the region supports the map-based planning and emergency response activities of the region's Public Safety Answering Points (PSAPs), EOCs and first responders in collaborating agencies across the region. The images form the common GIS basemap for emergency service dispatching, contingency planning and incident management across jurisdictional boundaries. The St. Louis regional PSAPs need access to updated basemap data for adjacent counties to locate emergency callers who may be calling from cellular telephones. It is necessary to update the imagery to capture changes to infrastructure that have been implemented since the previous imagery was captured in 2015. This imagery project will spur region-wide updates and enhancements to the map layers that public safety agencies depend upon, as it did with the 2015 project. Without this investment the ability of PSAPs to implement Enhanced and NextGen-911 functions will be diminished by the lack of a current, accurate, shared basemap.

Total Cost \$600,000

Deployable	<input checked="" type="checkbox"/>	Shareable	<input checked="" type="checkbox"/>
Sustain	<input checked="" type="checkbox"/>	Build	<input type="checkbox"/>

UASI FY2019 INVESTMENT JUSTIFICATION SUMMARY SHEET

COMMITTEE NAME: Training & Exercise

INVESTMENT DESCRIPTION: The Training & Exercise program supports the sustained development of regional capabilities through the support of threat and all-hazard training that includes: NIMS and ICS, active threat response, communication systems, and other related activities. All FEMA Mission Areas are likely to be addressed through trainings and exercises over the course of this funding. The request will provide for ongoing regional awareness of national initiatives through professional training and conferences with the attendees sharing the information with subcommittees or other UASI agencies. Ability to bring training and/or special subject matter experts that would benefit the region is provided for in this request.

Goals achieved with this investment will include improved response to incidents:

- Requiring multiple agencies and disciplines
- That are typical and non-typical in scope
- Improved situational awareness

Training and exercises provide for regional teams and agencies to remain certified and/or eligible for Federal grant funding.

Participants in training and exercise activities are local responders who are a local, regional, and national resource that serve in deployable and shareable roles.

TOTAL AMOUNT REQUESTED: \$257,000

PRIMARY THIRA CORE CAPABILITES SUPPORTED: Operational Coordination

Indicate whether the project will sustain or build a core capability (*Sustain- maintain capability at existing level; Build- start new capability or fill gap that raises capability level*)

Sustain

Build

Sustainment Description (*For sustainment projects - briefly describe the existing capability or project that this project will sustain and how this project will help sustain that capability or project*)

Training and exercise across multiple capabilities leads to improvements in Operational Coordination across all disciplines and provides for maintaining the basic levels of preparedness and response through staff changes in the region.

Project Total - Training & Exercise		
POETE Category	Est. Costs	Description
Planning	\$0.00	
Organization	\$0.00	
Equipment	\$0.00	
Training	\$193,000.00	
<i>General training</i>	<i>\$100,000.00</i>	<i>Travel and other training related expenses</i>
<i>Maritime tactical response</i>	<i>\$35,000.00</i>	
<i>SWAT - Bomb/arson interoperability training</i>	<i>\$15,000.00</i>	
<i>Cybersecurity for responders and elected officials</i>	<i>\$5,000.00</i>	
<i>STL home made bomb course</i>	<i>\$8,000.00</i>	<i>QTY of 10</i>
<i>Open source intelligence training</i>	<i>\$30,000.00</i>	
Exercises	\$64,000.00	
<i>CCTA multi-agency functional exercise</i>	<i>\$44,000.00</i>	<i>w/ simulated media; QTY of 2</i>
<i>Regional reunification workshops</i>	<i>\$10,000.00</i>	<i>QTY of 2</i>
<i>Rescue Task Force drills</i>	<i>\$10,000.00</i>	<i>QTY of 2</i>
Total Project Cost	\$257,000.00	

UASI FY2019 INVESTMENT JUSTIFICATION SUMMARY SHEET

COMMITTEE NAME: US&R

INVESTMENT DESCRIPTION: US&R Sustainment - The goal is to maintain the current resources of the US&R team when responding to natural and manmade disasters.

The current lifting airbags within the US&R cache are at the end of their service life. These bags lift several tons of objects or debris to gain access or free trapped individuals. This lifting capability is done under several hundred to several thousand psi of air. A failure of an airbag can result in personal injury or death. Airbags are used to lift objects or debris in order to gain access or free a trapped individual. Airbags are used in natural and manmade disasters.

Replacement of the extrication equipment within the current US&R cache. This is a sustainment project to replace equipment that is at the end of its user life. With advancement of metal strengths, especially within automobiles the equipment is no longer rated to cut the new materials. The goal of this project is to maintain the current level of service and capabilities within the US&R System. The current equipment is not rated to cut the new metals found within automobiles. With the advancement of battery technology this system would switch from a gasoline motor based system that requires maintenance, is cumbersome to move, and creates a carbon monoxide problem in enclosed spaces to a battery operated system. The battery operator system

The purpose of this project is to purchase five (5) Utility-Terrain Vehicles (UTVs) for the St. Louis Metro Urban Search and Rescue Teams (US&R). The region has five (5) US&R teams that are trained and equipped to perform high-angle, confined space, trench rescue, structural collapse, water rescues, and wide-area search. The UTVs would be used at the scene of an incident to move personnel and rescue equipment around the incident scene. UTVs are capable of maneuvering around and able to transverse over debris at a disaster scene. The UTVs would provide the US&R teams with a great advantage to quickly access the victims of a disaster and to rapidly move the rescue equipment to their location for the rescue. While the UTVs would be a great asset for the US&R teams, they also could provide the other disciplines, of the region, a great tool for them to use. The UTVs could be used for evacuation, damage assessment, patient transport, and logistics. The UTVs we are requesting are six wheeled vehicles that can operate in four-wheel drive or six-wheel drive. They have a cargo bed with a large payload capability and a hitch that could pull a small trailer or piece of equipment. One of the UTVs would go to each of the five US&R teams in the region. They are located in the City of St. Louis, St. Louis County, St. Charles County, Franklin/Jefferson Counties in Missouri, and St. Clair County in Illinois

The goal is to maintain the current level of water rescue response within the St. Louis Metro US&R System.

The goal of this project is to replace expired or expiring medications and medical supplies utilized by the US&R medical specialist. Medical specialist are one of the many components to deploy as a Type III or greater collapse team and a Type II or greater water rescue team. Medical specialist deploy anytime any of the US&R teams deploy. They provide medical care of the US&R members during a deployment. The Medical Specialist also provide advanced critical care to civilians especially those who are caught in collapse & crush incidents. Crush incidents can be the result of structural collapse, trench collapse, or industrial accidents. This advance treatment in the field can be the difference between life & death. The US&R Medical Specialist also support Haz Mat and SWAT/Tactical responses

Provide the initial series of rescue training to new US&R members. The US&R team needs to train and build membership to replace members who have left the team.

TOTAL AMOUNT REQUESTED: \$778,047.89

PRIMARY THIRA CORE CAPABILITES SUPPORTED: Mass Search and Rescue Operations

Indicate whether the project will sustain or build a core capability (*Sustain- maintain capability at existing level; Build- start new capability or fill gap that raises capability level*)

Sustain

Build

Sustain Description (*For sustainment projects - briefly describe the existing capability or project that this project will sustain and how this project will help sustain that capability or project*)

- Airbags – Airbags are vital in collapse situations where victims are trapped. Airbags lift heavy objects to allow rescuers to make access. Airbags also can lift heavy items off a trapped individual to free them.
- Extrication Equipment - This extrication equipment will replace equipment that is more than 10 years old and no longer can perform against emerging metal technology.
- Water Rescue - The proposal is to replace equipment that is near or exceeded its functional life. This equipment is part of the cache list for a Type I/Type III Water Rescue Team. Equipment is vital for the safety of our responders as they perform evacuations and rescues of citizens in flooding events.
- Medical Supplies - Many items of medical equipment and medications within the US&R Medical Cache are expiring. This equipment is used to maintain the health and safety of US&R members during a deployment. Additionally, the medical cache can be used during a deployment to provide advance care to civilians. This advance care can be provided as a single resource to any agency within the region.
- Training - Replace members who have left the team with new, trained, deployable members.

Build Description (*For build projects - briefly describe the capability that this project will build or what gap this project will fill to raise a capability level*)

- UTV - Currently US&R is borrowing assets from local resources when a UTV is needed. The UTV will allow the US&R into remote areas quicker during disasters and wide area searches.

Project Total - UASR		
POETE Category	Est. Costs	Description
Planning	\$0.00	
Organization	\$0.00	
Equipment	\$684,747.89	
Air bags	\$257,350.00	
High presssure US&R Lift Bag Kit	\$227,500.00	QTY of 5 - 1 x 5 teams
18" trench cushion	\$24,000.00	QTY of 10 - 2 x 5 teams
Air pressure regulator	\$3,300.00	QTY of 5 - 1 x 5 teams
Air cushion air hose	\$2,550.00	QTY of 10 - 2 x 5 teams
Extrication Equipment	\$178,750.00	
Spreader units	\$56,500.00	Hydraulic, includes mounting bracket - QTY of 5 - 1 x 5 teams
Cutter units	\$60,000.00	Hydraulic, includes mounting bracket - QTY of 5 - 1 x 5 teams
Rams	\$55,000.00	Hydraulic, includes mounting bracket - QTY of 5 - 1 x 5 teams
Battery chargers	\$2,000.00	110V AC - QTY of 5 - 1 x 5 teams
Shoreline adapters	\$5,250.00	110V AC - QTY of 5 - 1 x 5 teams
UTVs	\$110,000.00	QTY of 5 - 1 x 5 teams
Water Rescue	\$107,909.00	
Ropes	\$27,050.00	200' - QTY 20, 4 x 5 teams; 300' - QTY 30, 6 x 5 teams; 600' - QTY 10, 2 x 5 teams
Prussik cords	\$1,500.00	25" - QTY 60, 12 x 5 teams; 18" - QTY 60, 12 x 5 teams
Throw bags	\$7,000.00	QTY 70 - 14 x 5 teams
GPS Device	\$6,000.00	QTY 20 - 4 x 5 teams
PID, VOC Detector	\$18,000.00	Photo-Ionization, Point, Volatile Organic Chemical Detector, QTY 10 - 2 x 5 teams
Webbing	\$2,279.00	6' - QTY 100, 20 x 5 teams; 12' - QTY 100, 20 x 5 teams; 15' - QTY 100, 20 x 5 teams; 20' - QTY 100, 20 x 5 teams
Helmets	\$4,800.00	QTY 80 - 16 x 5 teams
Harnesses	\$41,280.00	Victim - QTY 10, 2 x 5 teams; Rescuer - QTY 70, 14 x 5 teams

Medical Cache	\$30,738.89	<i>Medical supplies (i.e. tubes, disinfectant, gloves, kits, airway management supplies, bandages, IV administration)</i>
Training	\$93,300.00	
<i>Tech Rescue Core</i>	<i>\$16,500.00</i>	<i>Rope Rescue I & II, QTY of 1</i>
<i>Confined Space Rescue Tech</i>	<i>\$7,200.00</i>	<i>QTY of 1</i>
<i>Trench Rescue Tech</i>	<i>\$9,800.00</i>	<i>QTY of 1</i>
<i>Structural Collapse Tech</i>	<i>\$34,000.00</i>	<i>QTY of 1</i>
<i>Surface & Swiftwater Resecue</i>	<i>\$13,800.00</i>	<i>QTY of 1</i>
<i>Boat Operator</i>	<i>\$12,000.00</i>	<i>QTY of 1</i>
Exercises	\$0.00	
Total Project Cost	\$778,047.89	

Memo to: Board of Directors

From: Staff

Subject: Regional Security Expenditures

Date: May 8, 2019

Staff is requesting authorization to expend funds in support of regional security that will improve the region's disaster preparedness and response capabilities. Funding will come from the U.S. Department of Homeland Security's Urban Areas Security Initiative (UASI) grant program. Attachment A summarizes this purchases totaling **\$238,982**. Also attached is a summary description of all budgeted expenditures from the UASI grants (Attachment B).

We are requesting approval to enter into sub-grant award agreements with St. Louis and St. Charles Counties, and the City of Richmond Heights Missouri to fund the following three positions within the St. Louis Terrorism Fusion Center – Terrorism Early Warning Group.

Critical Infrastructure (CI) Key Resource (KR) Coordinator position - The CI/KR Coordinator facilitates emergency planning and preparedness activities among key resource (KR) and critical infrastructure (CI) sites within the region. The coordinator meets regularly with the CI/KR committee which consists of representatives from AmerenUE, Federal Reserve Bank, Monsanto, Master Card, FBI, and various chemical storage facilities and transportation systems. The position provides assistance to hospitals, public health and related health care agencies providing guidance on their vulnerabilities to a terrorist attack. The overarching goal of this position is to provide information on hardening security at vulnerable facilities and provide guidance on how to deter a terrorist attack to the region's susceptible critical infrastructure.

Additionally, one of the key roles of the CI/KR Coordinator is to work with the U.S. Department of Homeland Security (DHS) in providing regional CI/KR data. DHS uses this data to determine the region's Threat, Vulnerability and Consequence to a terrorist attack. The Coordinator participates in quarterly DHS conference calls on critical infrastructure and key resource identification. Because Homeland Security grant funding is tied to the region's existing critical infrastructure and key resources, these DHS data calls are critical to keeping the region's infrastructure data up to date.

This has allowed the region to maintain a level of grant funding which is critical as grant funds become limited. In addition, the Coordinator provides regular TEW intelligence bulletins to local police, fire, public health and related health care agencies. The CI/KR Coordinator position continues to be an extremely valuable resource in the overall effort to prevent and prepare for critical incidents in the region.

Therefore, we are requesting approval to enter into an agreement with St. Louis County, Missouri to provide funding to support the CI/KR Coordinator in the St. Louis Fusion Center. The total cost for salary and benefits for the Critical Infrastructure Coordinator position will not exceed **\$115,000** for the period of July 1, 2019 through July 31, 2020.

Intelligence Analyst – This position is crucial to the function of the St. Louis Regional Fusion Center, which analyzes information and identifies trends to share timely law enforcement intelligence data with federal, state and local law enforcement entities. Duties of an Intelligence Analyst include, but not limited to:

- Researching tactics, techniques and procedures of domestic and international terrorist groups
- Developing Safety Alerts and Bulletins for St. Louis regional law enforcement agencies
- Answering daily requests for information from private sector, local, state and federal sources
- Interaction and research with other Fusion Centers around the country to develop timely and accurate intelligence products
- Analysis of received federal law enforcement data for determination of relevance for the St. Louis region
- Interaction, analysis, and dissemination of cyber-crime threat information

The Intelligence Analyst position continues to be an extremely valuable resource in the overall effort to prevent and prepare for critical incidents in the region. Therefore, we are requesting approval to enter into an agreement with St. Charles County, Missouri to provide funding to support the Intelligence Analyst position in the St. Louis Terrorism Fusion Center. The total cost for salary and benefits for the Intelligence Analyst position will not exceed **\$80,000** for the period of August 1, 2019 through July 31, 2020.

Project Manager for St. Louis Regional License Plate Recognition Database (LPRD) and Mugshot Recognition Technology (SMRT) Databases – The Project Manager for the LPRD and SMRT is a part time position within the St. Louis Fusion Center. The position facilitates and oversees the implementation of the regional law enforcement license plate reader and mugshot recognition databases. Duties include facilitating an independent audit of LPRD/SMRT users and ensure compliance with the Fusion Center’s privacy policies and end user agreements. Maintaining these databases allows all law enforcement agencies across the region to share critical suspect information. The LPRD /SMRT Manager requires an in-depth knowledge of the operations, capabilities, restrictions and maintenance of the LPRD and SMRT systems. The position will work with regional law enforcement agencies to solicit their participation while managing the progress of the system.

The City of Richmond Heights Police Department has agreed to provide the LPRD/SMRT Project Manager on a part time basis and has agreed to accept a sub-grant award for the funding. Therefore, we are requesting approval to enter into a sub-grant award with the City of Richmond Heights, Missouri for a total cost not exceed **\$43,982**, for the period of July 1, 2019 through June 30, 2021.

The purchases described in this memo are being made in accordance with the agency’s procurement policy.

Staff Recommendation: Staff recommends that the Board approve the expenditure of funds as follows:

- for a sub-award to St. Louis County, Missouri for the Critical Infrastructure (CI) Key Resource (KR) Coordinator position in an amount not to exceed **\$115,000**;
- for a sub-award to St. Charles County, Missouri for the Intelligence Analyst position in an amount not to exceed **\$80,000**; and,
- for a sub-award to Richmond Heights, Missouri for the Automated License Plate Reader and Mugshot Recognition Technology System Project Manager in an amount not to exceed **\$43,982**;

for a total amount not to exceed **\$238,982** from the UASI grant program.

ATTACHMENT A

**Expenditures for Equipment and Services
May 13, 2019**

<u>Vendor</u>	<u>Description</u>	<u>Jurisdiction/Agency</u>	<u>Quantity</u>	<u>Cost</u>
Emergency Response Equipment & Supplies (UASI)				
St. Louis County (MO)	CI/KR position / Fusion Center	St. Louis County	1	\$115,000
St. Charles County (MO)	Intelligence Analyst position - Fusion Center	St. Charles County	1	\$80,000
City of Richmond Heights (MO)	LPRD / SMRT position - Fusion Center	St. Louis County	1	\$43,982
TOTAL EXPENDITURES				\$ 238,982

Total UASI Expenditures: \$238,982

ATTACHMENT B
Cumulative Budgeted Expenditures for Major Projects under Urban Areas Security Initiative
through Fiscal Year 2018

	Total Budgeted	Prior amount approved by EWG Board	This request	Remaining to be approved
Critical Response Teams				
A key goal under the UASI Strategy is to strengthen our critical response teams. We have largely accomplished this goal with hazardous materials and heavy rescue equipment and training. These teams are capable of responding to terrorist attacks, industrial accidents or natural disasters like earthquakes and tornadoes. Another element of critical response includes medical supplies for mass casualty incidents. The MCI trailers represent the first stage of meeting this need for the EMS community. Also included is equipment for Incident Management Teams that will consist of emergency responders from all disciplines. These mobile teams are activated to support emergency responders managing an event where the event continues over many hours or days.	\$18,818,353 1,197,008	\$18,445,240 1,115,781	\$0 0	\$373,113 81,227
	2,545,312	2,402,164	0	143,148
Law Enforcement Tactical Team Equipment				
There are 7 law enforcement tactical response units in the region which need communications, tactical lights and personal protective equipment. Three of the teams will receive tactical vehicles and Metro Air Support will receive a helicopter and other equipment to support response to a variety of terrorist incidents.	10,297,089 4,514,819	9,417,001 4,514,819	0 0	880,088 0
Interoperable Communications				
A variety of projects come within the description of Interoperable Communications. Radio caches, satellite phones and video conferencing and the Land Mobile Radio Communications Plan are included, as well as a microwave tower backbone system.	8,758,026 9,529,911	8,579,774 9,212,047	0 0	178,252 317,864
The Virtual EOC				
The virtual EOC strengthens regional collaboration on a day to day basis through a web based interactive network that links the region's eight EOC's and numerous other users for planning, preparing for and responding to an incident. In future years we hope to add a robust Geographic Information System capability.	694,300 5,278,534	674,300 5,278,534	0 0	\$20,000 0

ATTACHMENT B
Cumulative Budgeted Expenditures for Major Projects under Urban Areas Security Initiative
through Fiscal Year 2018

	Total Budgeted	Prior amount approved by EWG Board	This request	Remaining to be approved
Emergency Patient Tracking				
Patient Tracking allows emergency medical services and hospitals to rapidly enter data about a patient into a secure wireless web-based tracking system. The data includes identification, triage condition and transport information and allows the hospitals to balance patient loads and provide information to families.	\$2,422,320	\$2,422,320	\$0	\$0
Universal ID Project				
This system provides a uniform identification card for fire, law enforcement and volunteers with credential information embedded in the card.	557,812	557,812	0	0
Expand Public Health Capabilities				
Local public health agencies are working to prepare the region and protect citizens and first responders in the event of bioterrorism and natural diseases. Work is underway to establish an automated syndromic surveillance system for the early detection of naturally occurring or man made disease outbreaks.	2,980,365	2,822,834	0	157,531
Mass Casualty Equipment, Medical Supplies and Software for Hospitals				
Hospitals are preparing the region for a response to a medical surge or mass casualty incident (MCI) by staging emergency response trailers that are equipped with medical supplies, cots and bedding at selected hospitals for deployment anywhere in the St. Louis region. In addition, the hospitals will dispense medicine to employees, their families and patients in the event of a large-scale bioterrorist or naturally occurring illness. The hospitals have software that will help with the dispensing of this medicine and the management of an MCI when it occurs	2,296,305	2,177,244	0	119,061
Disaster Incident Management System for Hospitals and Tactical Response				
The disaster incident management software system provides a tactical incident management capability for hospitals and response teams that includes federally required forms and plans. For the hospital systems it also includes a regional bed tracking capability.	\$2,301,886	\$2,270,308	\$0	\$31,578

ATTACHMENT B
Cumulative Budgeted Expenditures for Major Projects under Urban Areas Security Initiative
through Fiscal Year 2018

	Total Budgeted	Prior amount approved by EWG Board	This request	Remaining to be approved
Terrorism Early Warning Center The TEW is operated by the St. Louis Metropolitan Police Department and the St. Louis County Police Department and serves as a central clearinghouse for information and intelligence to help detect and prevent acts of terrorism.	\$ 4,379,139	\$3,288,721	\$238,982	\$1,090,418
Citizen Preparedness This program includes Citizen Emergency Response Teams and other similar teams designed to educate the public about disaster preparedness and train them to assist their neighbors. Expenditures include equipment and training to help citizens learn to respond to hazards as part of a team in their neighborhood or workplace, and public information. The program also includes the sheltering project which brings generators and shelters into the region to protect citizens who need shelter.	2,738,666	2,667,466	0	71,200
Regional Coordination Planning Includes regional emergency coordination planning, mutual aid improvements, public information and enhancements to critical infrastructure protection.	1,024,051	1,024,051	0	0
Exercises A regional Full Scale Exercise (FSE) will be held during the second quarter of 2016. The FSE scenario will be terrorist based involving	471,500	371,500	0	100,000
Training Most disciplines have received and will continue to attend training activities to enhance their skills. Included are heavy rescue, hazmat, incident management teams, law enforcement, public health and hospitals.	4,351,049	4,158,289	0	192,760
Totals:	\$85,156,445	\$81,400,205	\$238,982	\$3,756,240

¹ This total represents the sum of UASI funds awarded for equipment and contractual obligations for fiscal years 2003 - 2018. The schedule represents the cumulative amount spent, from both open and closed grants, on major projects since the inception of the Homeland Security Grant Program.



Memo to: Board of Directors
From: Staff
Subject: Nomination of Sub-Committee Applicants, Reinstatements, and Resignations/Removals
Date: May 8, 2019

The Nominating Committee recommends the following individuals for membership on a STARRS Sub-Committee:

Mass Fatality

Zachary Koch, Emergency Response Planner, St. Louis County Health Department. Zachary Koch has a Bachelor of Science in Cell and Molecular Biology and a Masters of Public Health from Saint Louis University where he concentrated on Biosecurity and Disaster Preparedness and Epidemiology. In February 2017, Koch started as a Program and Policy Specialist with the Jackson County Health Department in located in Independence, Missouri. He later transitioned to the department's Emergency Response Planner where he developed plans, conducted exercises, and built working relationships with others planners in the state. In October 2018, Koch joined the Saint Louis County Health Department as an Emergency Response Planner.

Request for Resignations/Removals

Sub-Committee	Name	Agency
Emergency Medical Services	Ken Koch	Union Ambulance District

Nominating Committee Recommendation: The Board of Directors approve these recommendations.

STARRS Board of Directors (BOD) Meeting

St. Louis Regional Complex
Coordinated Terrorist Attack Program



**May 16, 2019
9:00 a.m. – 10:00 a.m.**

This publication was funded through a grant from the U.S. Department of Homeland Security, Federal Emergency Management Agency.

A Campaign of Active Threat Preparedness

Activities to occur over the course of the next two years includes:

- Fusion Center Intelligence & Information Sharing TTXs
- Operational Guide Planning Workshops
- Operational Guide Training Workshop
- Operational Guide Response Drills
- Regional Response Guide
- River Response Workshops
- Public Information Functional Exercise
- Intelligence and Information Sharing Functional Exercise
- Area Command Functional Exercise
- CCTA Capstone Exercise



Stakeholder Engagement

By the Numbers...

❖ Number of Meetings:	11	18
❖ Number of Workshops:	4	10
❖ Number of Exercises:	2	9
❖ Number of Locations:	8	16
❖ Number of Agencies:	201	390
❖ Number of Participants*:	450	1305
❖ Number from Missouri:	335	730
❖ Number from Illinois:	70	352

*Total number of people included in program activities

Top Stakeholder Group Engagement

Stakeholder Group	Number of Participants (January)	Number of Participants (May)
Law Enforcement	125	315
Fire and/or EMS	100	193
Public and/or Private	74	289
Communications/Dispatch	33	69
Emergency Management	29	35
Healthcare	20	103
Public Health	15	24
Military	X	48

Monthly Newsletter

- ❖ Invites Master Contact List to attend activities
 - ❖ Provides program updates
 - ❖ Includes regional training offerings
 - ❖ Features Fusion Center awareness
-
- ❖ **Is there anything you would like to include or see in the June newsletter?**



Operational Guide Series

Development Workshops Overview

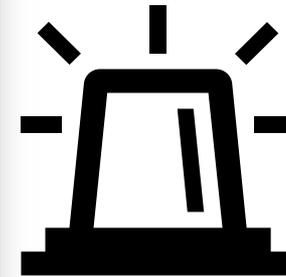
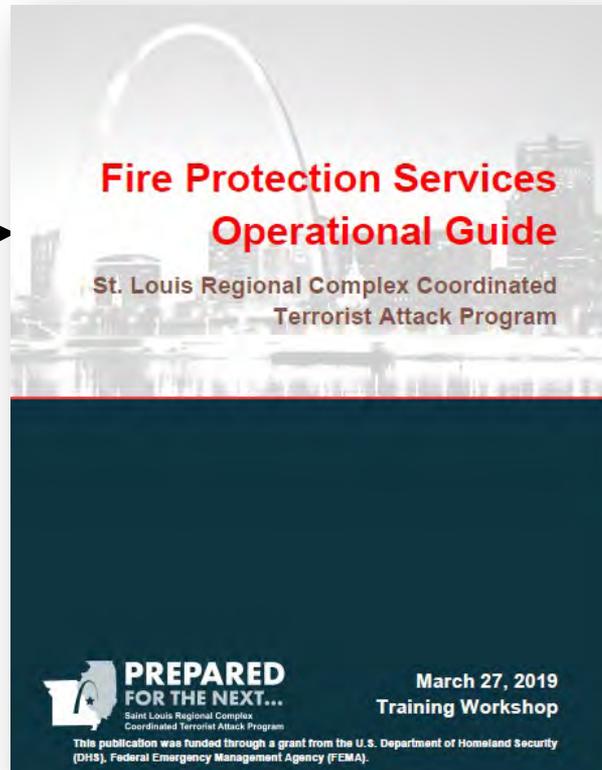
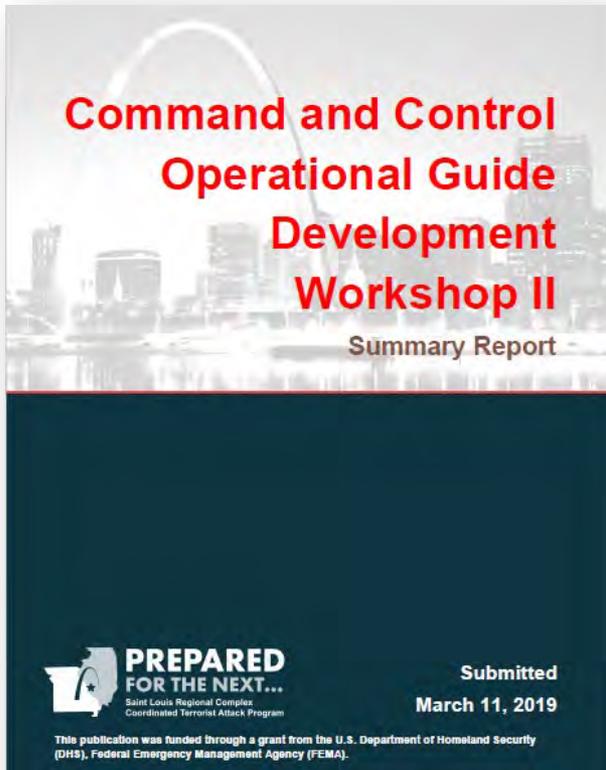
Workshop	# Attended	Feedback Rating
Law Enforcement	27	4.6
Fire Department	15	5.0
EMS I	27	4.7
EMS II	17	4.7
LE and Regional Force Protection I	23	4.8
LE and Regional Force Protection II	14	4.8
SWAT and Bomb & Arson	28	4.8
Command and Control I	41	4.7
Communications and Dispatch	31	4.9
Command and Control II	20	4.9
	243	4.8
	Total	Average

Phases of Operational Guide Activities

December - March

March - April

July - August



Response
Drills

Exercise Materials Setup



Game Tokens and Maps



- ❖ Floor plans from facilities overlaid on Google Maps
- ❖ Graphics Team designed tokens from ChipLab

Facilitation Teams



- ❖ Facilitator Guide with questions for each inject
- ❖ Deliver injects and manage time
- ❖ Assign game tokens and play roles (e.g. Fire/LE)
- ❖ Focus group on objectives (e.g. guide validation)
- ❖ Share insight from previous workshops

EMS Training Workshop with Facilitation



Training Workshops Overview

Workshop	# Attended	Feedback Rating
Fire I: Missouri	35	4.7
EMS I: Missouri	35	4.8
Special Operations	40	4.9
LE I: Illinois	33	4.8
Fire II: Illinois	13	4.8
EMS II: Illinois	20	4.6
LE II: Missouri	28	4.8
	204	4.8
	Total	Average



River Response Workshops

Preliminary Findings

- ❖ Amazing turnout!
- ❖ Identified a lot of gaps, opportunities for improvement, and immediate action items





Next Steps

Next Steps

- ❖ Quarterly Workgroup Meeting
- ❖ Regional Response Guide
- ❖ Public Information Functional Exercise

Questions?

Key Contacts

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Regional Program Coordinator

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05/16/2019 - STARRS Board Update
Sub-Awards, 2016 UASI & 2018 ASPR-HPP

Summary:

All Sub-Recipients have received their sub-awards.

25 sub-awards for 2016 UASI / 2018 HPP, of these:

3 intended sub-recipients will not receive awards this grant cycle.

9 sub-awards have been fully executed.

13 sub-awards pending either final review/approval or signatures.

Sub-award process for 2017 & 2018 UASI has not yet started.

Deadlines to send signed sub-award to EWG:

5/31/19 for 2018 HPP

6/10/19 for 2016 UASI

	Sub-recipient	Project / Items	Grant	Status
1	BJC Healthcare	Cyanokits	2018 HPP	Pending BJC final review/approval and signatures
2	City of Clayton	Cyanokits	2018 HPP	NIMS compliance not achieved; will not receive a sub-award in this grant cycle
3	City of St. Charles	HazMat supplies	2016 UASI	Pending signatures
4	City of St. Louis (3 total)	Microwave routers	2016 UASI	Pending signatures
5		HazMat supplies	2016 UASI	Pending final City Counselor review and signatures
6		Cyanokits	2018 HPP	Pending final City Counselor review and signatures
7	Creve Coeur FPD	HazMat supplies	2016 UASI	Pending review and signatures
8	Florissant Valley FPD	Cyanokits	2018 HPP	Paper work not submitted by the deadline; will not receive a sub-award in this grant cycle
9	Franklin County	HazMat supplies	2016 UASI	Sub-award fully executed
10	Jefferson County	SCBAs for HazMat	2016 UASI	Pending EWG receipt/signature

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6/10/19 for 2016 UASI

	Sub-recipient	Project / Items	Grant	Status
11	Jefferson County 911 Disptach	Microwave routers	2016 UASI	Sub-award fully executed
	Madison County (2 total)			
12		Microwave routers	2016 UASI	Sub-award fully executed
13		HazMat supplies	2016 UASI	Sub-award fully executed
14	Mehlville FPD	Cyanokits	2018 HPP	Pending signatures
15	MedStar EMS	Cyanokits	2018 HPP	Paper work not submitted; will not receive a sub-award in this grant cycle
16	Monarch FPD	Cyanokits	2018 HPP	Draft sub-award sent; pre-award meeting required - scheduled for 5/30/19
17	Monroe County	Microwave routers	2016 UASI	Sub-award fully executed
18	Rock Township Ambulance District	Cyanokits	2018 HPP	Draft sub-award sent; pre-award meeting required - scheduled for 5/23/19
	St. Charles County (2 total)			
19		Microwave routers	2016 UASI	Sub-award fully executed
20		Video downlink test kit	2016 UASI	Pending OHS sole source approval and signatures

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	Sub-recipient	Project / Items	Grant	Status
21	St. Charles Co. Ambulance District	Cyanokits	2018 HPP	Sub-award fully executed
22	St. Clair County	Microwave routers	2016 UASI	Sub-award fully executed
23	St. Clair Special Emergency Serv.	HazMat supplies	2016 UASI	Draft sub-award sent; pre-award meeting required - scheduled for 5/20/19
24	St. Louis County (2 total)	Microwave routers	2016 UASI	Sub-award fully executed
25		Fusion Center computers Monitors for overlay mapping system Night vision monoculars	2016 UASI	Pending County Counselor final approval; County Council approval; and signatures