AGENDA

ST. LOUIS AREA REGIONAL RESPONSE SYSTEM

BOARD OF DIRECTORS

Thursday, March 17, 2016 - 11:30 A.M.

ST. LOUIS CITY FIRE HEADQUARTERS

1. CALL TO ORDER BY ABE COOK, PRESIDENT

2. APPROVAL OF MINUTES OF FEBRUARY 11, 2016 MEETING

3. DISCUSSION ITEMS

A.	Executive Director's Report	NICK GRAGNANI STARRS
B.	Greater St. Louis Critical Incident Management Team	SALLY FRESE Team Coordinator CISM

4. ACTION ITEMS

A.	Finance Committee Report	DON FEHER St. Clair County EMA
B.	Regional Security Expenditures	NICK GRAGNANI
C.	Nominating Committee Report	SGT BILL ROCHE St. Louis County Police & St. Louis Fusion Center

5. OTHER BUSINESS

6. NEXT MEETING AND ADJOURNMENT

The next meeting of the Board will occur on Thursday, April 14, 2016 at 11:30 AM

STARRS BOARD OF DIRECTORS
MEETING MINUTES
FEBRUARY 11, 2016

The meeting of the STARRS Board of Directors was called to order at 11:30 a.m. at City of St. Louis Fire Headquarters, 1421 N. Jefferson, St. Louis, Missouri, with attendance as follows:

Directors Present

Gary Christmann, Vice-Chair
Don Feher, Treasurer
Bill Roche, Secretary
John Anthony
Frank Arnoldy
Greg Brown
Abe Cook
Les Crews
Mark Diedrich
Justen Hauser
Dennis Jenkerson
John Nowak
Vanessa Poston
Lynden Prange
Larry Ringering
Warren Robinson
Curtis Schildknecht
Mark Thorp
Ryan Weber
Travis Williams

Ex Officio
Jim Wild

Also in attendance were Nick Gragnani, Staci Alvarez, Dale Chambers, Leah Hummert, Ky Kee, Karen Kunkel, Brian Marler, and John Whitaker of STARRS / East-West Gateway Council of Governments staff.

CALL TO ORDER

Abe Cook, Chair, called the meeting to order.

INSTALLATION OF NEW OFFICERS

Don Feher summarized the following recommended Board and Sub-Committee reaffirmations and/or additions:

2016 Board Officer Recommendations

President:	Gary Christmann Commissioner, City of St. Louis Emergency Management Agency
Vice President:	Joann Leykam Director, St. Charles County Department of Administration
Treasurer:	Don Feher Assistant Coordinator, St. Clair County Emergency Management Agency
Secretary:	Sergeant Bill Roche St. Louis County Police Department and St. Louis Fusion Center

Motion approving the recommendations was made by Curtis Schildknecht, seconded by Greg Brown. Motion passed unanimously.

Abe Cook acknowledged and thanked the STARRS staff and the Board for their support during his tenure, and he passed the gavel to new President, Gary Christmann.

APPROVAL OF MINUTES OF JANUARY 14, 2016 MEETING

Motion was made by Mark Thorpe, seconded by Frank Arnoldy, to approve the minutes of the January 14, 2016 meeting. Motion passed unanimously.

DISCUSSION ITEMS

Executive Director's Report
Nick Gragnani, STARRS, spoke briefly about the AllReady Final Report that has been distributed, explaining that it gauges the general preparedness status of the St. Louis metropolitan region, from the access and functional need population's perspective as well as the general population needs. He advised that future goals include gathering data from other areas across the nation that have been impacted by disasters and including that information in a regional access functional need plan. He noted that the AllReady Final Report is also available in an electronic format.

Mr. Gragnani provided a summary of the 2015 hospital funds budget with assets totaling $27,728.27, after expenses.

Leah Hummert, East-West Gateway Council of Governments, reported on the status of current open UASI grants. She advised that the 2014 UASI grant, scheduled to close this year, has been reimbursed at only 30% so far, but she is awaiting invoices for multiple contracts and equipment. With respect to the 2015 grant, she advised that she is currently awaiting specifications for projects, and she encouraged committees to be specific and thorough when submitting information. Nick Gragnani reiterated the urgency in submitting information for the 2014 grant, especially bid specifications and shipping addresses, before the grant closes on August 30.

Mr. Gragnani surmised that the 2016 grant would be awarded in the immediate future. In anticipation of its receipt, he encouraged committees to begin the application process so that a timely and complete grant application can be submitted. Ms. Hummert cautioned that all budgeted requests submitted should be plausible as possible.

Missouri Division of Fire Safety Training & Certification
Kim Becker and Doug Goodings, Missouri State Fire Marshall's Office, described the Division of Fire Safety's role in providing statutory authority and enforcement, regulatory oversight, and education in ensuring fire safety. Mr. Goodings summarized the statues that have recently been realigned with nationally recognized professional qualification standards. They include: NFPA 472 / NFPA 1072 -- Standard on Hazardous Materials/Weapons of Mass Destruction Emergency Response Professional Qualifications; NFPA 1006 -- Technical Rescuer Professional

Qualifications; and NFPA 1670 -- Standard on Operations and Training for Technical Search and Rescue Incidents. He advised that implementation of the new standards will occur in 2017.

Additional discussion followed regarding changes in performance requirements and overall impacts on the first responder community; the timeframe for implementation of new training standards; and how training already received will coincide with the recertification process.

St. Louis MSA Risk Profile
Bill Roche, St. Louis County Police Department, St. Louis Fusion Center, summarized the region's Relative Risk Score, as compared to 99 other populated MSAs in the country, and the methodology used in determining the score. He advised that the region remains and has consistently ranked at number twenty for the past five years.

ACTION ITEMS

Finance Committee Report
Nick Gragnani, STARRS, summarized the STARRS Finance Committee recommendation to: (1) provide $457,000 in surplus funding from the UASI 2015 grant to the following projects, in the amounts indicated:

Action	Description	Amount
Purchase	15 tactical medic armo; 28 tactical medic communications helmets; 12 medium threat vests; and 24 ballistic helmets without communications	$107,000
Purchase	Five hazmat gas/vapor FTIR ID meters	$350,000

and (2) to allocate any excess 2014 UASI funds towards the purchase of EMS ballistic helmets and vests for the St. Louis Regional Taskforce.

Motion approving the recommendation was made by Les Crews, seconded by Greg Brown. Motion carried, all voting aye.

Regional Security Expenditures
Nick Gragnani, STARRS, summarized staff's recommendation of the following expenditures, totaling $468,807. The expenditures will be funded from the U.S. Department of Homeland Security's Urban Area Security Initiative ("UASI") and the Assistant Secretary of Preparedness and Response (ASPR) Hospital Preparedness grant programs.

Action	Description	Amount
Purchase	Safeware, Inc. – 16 ballistic helmets for the St. Clair County Sheriff's Dept..	$10,939
Purchase	Safeware, Inc. – 28 ballistic helmets for the St. Louis Regional EMS Task Force	$41,698
Purchase	First Spear – 27 ballistic vests for the St. Louis Regional EMS Task Force	$64,542
Purchase	First Spear – 85 ballistic vests for the Franklin, Jefferson and St. Charles counties sheriff's depts.	$213,346
Contract	WirelessUSA for programming of 178 hospital radios	$35,000
Purchase	Reuther Ford, Inc. – one Ford F350 truck	$71,218
Purchase	Veteran Corps of America – one custom trailer	$32,065

Motion approving the recommendation was made by Greg Brown, seconded by Les Crews. Motion passed unanimously.

Nominating Committee Report

Don Feher summarized the Nominating Committee's recommendation to approve the reaffirmation of the following sub-committees and their appointed directors as follows. Category C Directors appear in bold print.

Emergency Medical System (EMS)
Chief Mark Thorp, Clayton Fire Department (Voting) and John Nowak, MedStar Ambulance (Non-Voting)

HAZMAT
Chief Dennis Jenkerson, City of St. Louis Fire Department (Voting) and Deputy Chief Mike Arras, City of St. Louis Fire Department (Non-Voting)

Hospital Preparedness
Debbie Mays, BJC Healthcare (Voting) and Vanessa Poston, Missouri Baptist Hospital (Non-Voting)

Interoperable Communications Core Group
Chief Greg Brown, Eureka Fire Protection District (Voting) and Joann Leykam, St. Charles County Administration (Non-Voting)

Law Enforcement
Chief David Todd, St. Charles County Police Department (Voting) and Chief Jon Belmar, St. Louis County Police Department (Non-Voting)

Public Health
John Anthony, St. Louis County Department of Health (Voting) and Justen Hauser, Franklin County Department of Health (Non-Voting)

St. Louis Area Regional Coalition of COADs
Catherine Dalton, American Red Cross (Voting) and **Ryan Nicholls, Washington University School of Medicine (Non-Voting)**

Training & Exercise
Frank Arnoldy, Crestwood Police Department (Voting), **Sarah Gamblin-Luig, City of St. Louis Emergency Management Agency (Non-Voting)**

USAR
Chief Ernie Rhodes, West County Fire & EMS (Voting) and Deputy Chief Les Crews, Monarch Fire Protection District (Non-Voting)

Special Subcommittees

ESF-8
Debbie Beezley, St Louis University Heartland Center (Voting)

Mass Fatality
Curtis Schildknecht, Deputy Coroner, St. Clair County Coroner's Office (Voting)

Motion approving the reaffirmation/membership recommendations was made by Abe Cook, seconded by Mark Diedrich. Motion passed unanimously.

Don Feher also summarized the Nominating Committee's recommendations of the following individuals for membership on a STARRS sub-committee:

Public Health
Foerst, Kyle, Emergency Response Planner, St. Louis County Department of Public Health

Training and Exercise
Sitzes, Rikki, Emergency Response Planner, St. Louis County Department of Health

Motion approving the membership recommendations was made by Frank Arnoldy, seconded by William Roche. Motion passed unanimously.

Mr. Gragnani also summarized the Nominating Committee's recommendations for the following subcommittee removals/resignations:

Hospital
George Salsman, St. Louis Special School District – resigned

Public Health
Michael De los Reyes, St. Louis County Department of Health – resigned
David C. Miller, St. Louis Regional Airport – lack of committee participation
Joe Morin, St. Clair County Department of Health – lack of committee participation
David Noe, Franklin County Health Department – lack of committee participation
Alison Tucker, St. Charles County Department of Health – lack of committee participation
Marsha Wild, St. Clair County Health Department – lack of committee participation

Training and Exercise
Gregg Kocher, St. Louis County Department of Health – replaced by Rikki Sitzes, St. Louis County Department of Health

Motion approving the removal recommendations was made by Frank Arnoldy, seconded by Bill Roche. Motion passed unanimously.

OTHER BUSINESS

Gary Christman introduced new member Chief Travis Williams, Jefferson County 911 Dispatch.

Nick Gragnani advised that staff is working on preparing an after action report regarding the December 2015 regional flooding to gauge how the region responded and to identify any gaps that occurred during response. He requested information on associated hot-washes or action plans from those willing to share.

Mr. Christmann thanked Abe Cook for his tenure as President over the past year.

NEXT MEETING & ADJOURNMENT

The next STARRS Board of Directors meeting is scheduled for Thursday, March 17, 2016, at 11:30 a.m., in the auditorium of St Louis City Fire Headquarters.

Motion to adjourn the meeting was made by Abe Cook, seconded by Mark Diedrich. Motion passed unanimously.

The meeting was adjourned at 12:31 p.m.

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Bill Roche, Secretary

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Memo to: STARRS Board

From: Staff

Subject: STARRS Finance Committee Report

Date: March 15, 2016

The STARRS Finance Committee met on Tuesday, March 15, 2016 to make recommendation for awarding funding from the FY 2016 UASI Grant. The Application Guidance set an award amount of $2,962,000 for the St. Louis Urban Area based on the region's risk, hazards and vulnerabilities as determined by the Department of Homeland Security. Staff anticipates receiving the grant award later this year.

After accounting for Management and Administration costs for both the State Office of Homeland Security and East-West Gateway, the FY 2016 grant cannot exceed $2,658,955 in proposed projects. The grant guidance also contained the 25% required set aside for law enforcement terrorism prevention-oriented activities of $740,500.

To assist the members of the Finance Committee in reviewing the 59 projects totaling $7,217,804. Staff prepared Investment Justification Summary Sheets (attached) for each of the projects submitted by the STARRS Subcommittees. The Summary Sheets included a description of each proposed project within the investment justification, the Core Capabilities and Threat and Hazard Identification and Risk Assessment (THIRA) gaps that would be addressed, the estimated cost, and which of the Urban Area Strategies it addressed.

In addition, Committee members were required to score each project on a Force Comparison Worksheet which was emailed to the Committee prior to their meeting. Finance Committee members used the worksheet to vote on the project that was of more importance to the region. The final tally showed the priority ranking of all 59 projects. This information was used by the Committee as a guide to determine funding distribution for FY 2016. The attached spreadsheet provides a summary of the Committee's funding recommendations along with the Committee's Motions & Votes chart for your review.

Staff Recommendation: Staff recommends that the Board accept the recommendations of the Executive Budget Committee.

STARRS FINANCE COMMITTEE

UASI FY2016 INVESTMENT JUSTIFICATION SUMMARIES

The attached UASI FY2016 Investment Justification (IJ) Summaries were created for the members of the STARRS Finance Committee to make it easier to review each of the 59 projects that were submitted by the STARRS Subcommittees. Information on the IJ Summary came from the completed FY2015 UASI Grant Applications from the Communications Core Group, Emergency Management, EMS, Fusion Center/TEW, HazMat, Law Enforcement, Public Health, SLARCC, Training & Exercise and US&R Subcommittees. In addition, there is one IJ summary for STARRS staff funding.

Each summary provides detailed information on the committee's funding requests. This includes the Investment Description, Total Amount Requested, Primary THIRA Core Capabilities Supported, 2014 THIRA Gaps Addressed, and then a break down on the type of project (Planning, Equipment, Training or Exercise) with a total of all projects submitted by the Subcommittee. The IJ Summary also provides information on the projects status as Deployable or Shareable and if it Sustains or Builds a regional capability. The definition of these terms are:

> **Deployable –** The resource can be dispatched/sent to an incident site on a 24/7/365 basis to anywhere in the region, statewide or as an Emergency Management Assistance Compact agreement.
>
> **Shareable –** The resource is a fixed asset that cannot be dispatched/sent to an incident site but is available to assist either virtually or through support from another site. The St. Louis Regional Fusion Center is an example of a shareable asset.
>
> **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.

Each Finance Committee member should review each of the 11 IJ Summaries before completing the Force Comparison Worksheet.

St. Louis UASI FY2016 Submitted Project Proposals	Requested Amount
Communications Core Group	***$1,324,016***
STARRS / MOSWIN Microwave Expansion	$377,000
Microwave Network Cybersecurity Audit and Alerting System	$150,000
TICP / TICFOG Printing	$20,000
Communications Unit Position Training	$56,000
"25 Cities" Upgrade / Replacement	$721,016
Emergency Management	***$633,512***
IST Trailer Equipment (desk and cabinets, shoreline power)	$4,000
Tactical / Incident Response Software	$20,000
Sandbagging System - Monroe County	$90,312
Sandbagging System - St. Claire County	$29,200
Video Downlink Antenna (City of St. Louis)	$115,000
Video Conferencing System	$200,000
WebEOC Sustainment and Enhancement	$125,000
IST Training (Position Specific & AHIMT Courses)	$50,000
EMS	***$1,067,128***
CONTOMS Training	$45,000
Deployable Radio Kits (2 kits of 6 radios)	$50,000
Cyanokits	$135,136
Tactical EMS Medical Equipment and Supplies	$68,201
ADLS & BDLS Training	$42,000
Mobile Routers (60 Units)	$155,400
Bus to Ambulance Conversion Kits (2)	$51,750
Basic & Advanced Infection Control Officer; Blood Bourne Pathogen Training	$17,000
Ambulance Strike Team Leader Training	$14,500
Active Shooter MCI Exercise	$9,775
Modular Triage Tent System with Trailer (3 Units)	$375,000
Tactical EMS Vehicle and Radios	$103,366
Fusion Center TEW	***$655,580***
Fusion Center Personnel (CI/KR Coordinator- 18 months; Intelligence Analyst- 18 months; LPRD/SMRT System Project Manager- 33 months)	$319,480
Fusion Center Subscriptions, Tools, and Services (18 months)	$156,100
Fusion Center Training Program (various)	$180,000
HazMat	***$374,000***
Gas/Vapor FTIR Identifiers w/training (2 units)	$140,000
SCBAs (84) and PAPRs (48 with batteries and cartridges)	$154,000
Monitoring Instrument Maintenance	$35,000
Hazmat Technician Training	$45,000
Law Enforcement	***$1,202,368***
SLMPD Mobile Camera/LPR/Gunshot Detection System	$125,000
St. Charles County PD Small platform tactical robots	$210,625
St. Louis County PD - Night Vision Equipment	$21,990
Jefferson County Sheriff's Dept. Gas Masks (10 Units)	$11,500
Franklin County Sheriff's Dept. Tactical Headsets (20 Sets)	$17,680
SLMPD Bomb Team Tactical Bomb Vests	$64,000
Franklin County Sheriff's Dept. Negotiator Phone	$26,490
Metro Air Support Air Mapping Equipment	$586,028
St. Louis County Forensic Lab Electron Microscope	$129,180
St. Louis County PD Pole Camera	$9,875

St. Louis UASI FY2016 Submitted Project Proposals	Requested Amount
Public Health	***$133,450***
SPSS/GIS software update (with training)	$38,300
Storage carts for notebook computers	$11,150
Respirator Fit Testing Machines (6 Units)	$76,000
Council of State and Territorial Epidemiologist Annual Conference Attendance	$8,000
Regional Collaboration and Coordination	***$930,000***
Sustain STARRS staff (Executive Director and Four Public Safety Administrators) for 18 months	$930,000
SLARCC	***$45,000***
CERT Backpacks and Manuals	$21,000
CERT Training Equipment & Supplies	$4,000
CERT Skills Refresher Training	$20,000
Training and Exercise	***$185,000***
Regional Training Support	$100,000
Regional Exercise Support	$85,000
Urban Search and Rescue	***$667,750***
USAR Response Equipment Sustainment	$230,000
Technical Rescue Training	$130,000
Flood response watercraft and flood rescue equipment (3 caches)	$156,000
Utility-Terrain Vehicles (UTVs) (5 Units)	$85,000
Structural Specialist (FEMA Certified Engineers)	$9,000
MSAT Satellite Phone Box Updates	$32,750
VHF Repeater System	$25,000

Proposed Project Total	**$7,217,804**
Award Amount	**$2,962,000**
Management and Administration	**$288,815**
Available Project Funds	**$2,673,185**
Overage	**-$4,544,619**
Law Enforcement Set Aside:	**$740,500**
Other Projects:	**$1,932,685**

UASI FY2016 INVESTMENT JUSTIFICATION SUMMARY SHEET

COMMITTEE NAME: St. Louis Regional Interoperable Communications Core Group ("Core Group")

INVESTMENT DESCRIPTION: The Core Group represents the regional interoperable communication systems members to manage and further enhance interoperable communications systems within the region, with the states of Illinois and Missouri, the Federal Communications Commission and other systems as deemed beneficial to the region. It provides direction on achieving interoperable communications among all first responders in the region and has developed and maintains the Tactical Interoperable Communications Plan (TICP) and the St. Louis Regional Frequency plan.

The Core Group has approved the following projects, in order of their priority;

1. STARRS-MOSWIN Microwave Expansion
2. Microwave Network Cyber Security
3. TICP/TICFOG Printing
4. Communications Unit Training
5. "25 Cities" Upgrade/Replacement

TOTAL AMOUNT REQUESTED: $1,324,016

PRIMARY THIRA CORE CAPABILITES SUPPORTED: Planning, Public Information and Warning, Operational Coordination, Operational Communications

2015 THIRA GAPS TO BE ADDRESSED: Ensure the capacity for timely communications in support of security, situational awareness, and operations by any and all means available between affected communities in the impact area and all response forces. Establish and test 100% of the processes and protocols, utilizing the integrated communications among appropriate federal, state, and local entities. Within 96 hours, enhance and maintain sufficient communications infrastructure within the affected area to support ongoing life sustaining activities, provide basic human needs, and transition to short-term recovery.

EQUIPMENT

1. **Project Description:** To extend network connectivity between the STARRS microwave and MOSWIN backhaul networks. Establishing connections between the two disparate networks will: (1) Permit interoperable communications between the Tri-County P25 System (St. Louis County, St. Charles County, and JeffCO 9-1-1), MOSWIN (State of Missouri, City of St. Louis, and Bi-State Development Agency (BSDA/Metro), and STARCOM21 (St. Clair County, Madison County and Monroe County); (2) Provide extended radio communications coverage capability of each exclusive system; (3) Create system(s) resiliency by way of coverage overlap of neighboring systems.

   Deployable ☐ Shareable ☒

   Sustain ☐ Build ☒

2. **Project Description:** Regional Microwave Network cyber security and alerting updates. This project provides for a cyber security assessment of and adds an automated alerting system to the regions existing Regional Microwave Network. This project is for an outside security audit on the existing equipment, configurations, policies and connected infrastructure. It will also include a system to provide automated system alerts to individual users at the County levels.

   Deployable ☐ Shareable ☒

   Sustain ☒ Build ☐

3. **Project Description:** The goal of this project is provide a pocket size guide to first responders with vital regional communications information and resources. The St. Louis UASI region has engaged with Homeland Security's Office of Emergency Communications to develop a Tactical Interoperation Communications Plan (TICP) Field Operations Guide (FOG). Moving forward this document will play an essential role in regional interoperable communications by outlining available resources, standard operating procedures and points of contacts.

Deployable ☒ Shareable ☐

Sustain ☐ Build ☒

4. **Project Description:** This project would enhance/replace two channel Base Stations for the St Louis Urban Area Security Initiative for the High-Risk Metropolitan Areas Interoperability Assistance Project (25 Cities Project) system built in 2003 and in place within the St Louis region. This system is currently obsolete, unrepairable and expansion parts are unavailable. This project would provide current production products and additional RF coverage to the region which will give first responders interoperable capabilities for cross State emergencies as outlined in the St Louis Region Guideline for Interoperability.

The 25 Cities Project was mandated by the House and Senate Commerce, Justice, Science (CJS) Appropriations Subcommittee staff in 2003 to provide: 1) Federal, State and Local law enforcement/homeland security agencies with interoperability communication for emergency situations, interagency investigation/operations or pre-planned events; 2) Federal agents with the ability to connect with key local authorities (e.g., fire, police, emergency medical services) in metropolitan areas that are the most likely targets for attack. The added base stations would operate on 8CALL 90 and 8TAC 9l as called for in the STARRS guideline for Interoperability.

Deployable ☐ Shareable ☒

Sustain ☐ Build ☒

TRAINING

1. **Project Description:** This project would address the training needs identified in the THIRA for various Communications Unit personnel in the region. Training courses for Communications Unit Leaders (COML), Communications Unit Technicians (COMT), and AUXCOMM (Auxiliary Communications) / ham radio operators would be held in the region for the term of this project. Two COMT course equipment kits would also be purchased to continue offering these courses beyond the project term in the region.

Deployable ☐ Shareable ☒

Sustain ☐ Build ☒

BUDGET:

Project 1 - STARRS-MOSWIN Microwave Expansion ..... **$**377,000
Project 2 - Microwave Network Cyber Security ..... **$**150,000
Project 3 - TICP/TICFOG Printing ..... **$** 20,000
Project 4 - Communications Unit Training ..... **$** 56,000
Project 5 - "25 Cities" Upgrade/Replacement..... **$**721,016

TOTAL: $ 1,324,016

GRAND TOTAL $1,324,016

UASI FY2016 INVESTMENT JUSTIFICATION SUMMARY SHEET

COMMITTEE NAME: Emergency Management

INVESTMENT DESCRIPTION: Emergency Management supports the coordination and integration of all activities necessary to build, sustain and improve the capabilities to prepare for, respond to, recover from, or mitigate against threatened or actual disasters or emergencies, regardless of cause. The Emergency Management committee submits the following projects:

1. IST Trailer Equipment
2. Tactical Response Software
3. Monroe County Sandbag
4. St. Clair County Sandbag
5. Video Downlink Expansion
6. Video Conferencing System
7. WebEOC Sustainment
8. IST Training Classes

TOTAL AMOUNT REQUESTED: $633,512

PRIMARY THIRA CORE CAPABILITES SUPPORTED: Operational Coordination

2015 THIRA GAPS TO BE ADDRESSED: (1) Ensuring situational awareness and information sharing in the StL UA with traditional and non-traditional response entities through regional collaboration tools, such as a virtual EOC (emergency operations center); (2) Developing and sustaining communication and information sharing equipment that provide for improved situational awareness, responder safety, and more effective coordination. (3) Developing and sustaining Tier I and Tier II response resources and their supportive elements, particularly those provided for through UASI and other federal grant programs: ie, IST (Incident Support Team)

EQUIPMENT

1. **Project Description:** IST Trailer Equipment - Equip the IST Trailer with a writing surface and some cabinets in the nose of the trailer, and add some additional lighting inside the trailer and possibly add a 110 volt panel and shore line. This is to make it possible to work inside the trailer in inclement weather and safely load and unload the equipment. Housed at EFPD, the trailer was purchased and equipped with previous STARRS funding.

   Deployable ☒ Shareable ☐

   Sustain ☒ Build ☐

2. **Project Description:** Sandbagging System, Monroe County - This sandbagging system would be used to produce sandbags for fortifications around IEDs and for fortifying the region's levees. This machine will be housed in Monroe County and available for use throughout the region.

   Deployable ☒ Shareable ☐

   Sustain ☐ Build ☒

3. **Project Description:** Sandbagging System, St. Clair County - This sandbagging system would be used to produce sandbags for fortifications around IEDs and for fortifying the region's levees. This machine will be housed in St. Clair County and available for use throughout the region.

Deployable ☒ Shareable ☐

Sustain ☐ Build ☒

4. **Project Description:** Video Downlink Antenna - Purchase one (1) additional receive site to enhance the airborne video downlink system currently in place and previously funded by STARRS. This would place an additional antenna on to an existing tower within the City of St. Louis. This would increase the coverage area of the existing system in the Metro area.

Deployable ☐ Shareable ☒

Sustain ☐ Build ☒

5. **Project Description:** Tactical Response / Incident Response Software - to be used as a regional tool for the management of incidents and events, the tracking of resources and personnel, and for the creation of Incident Action Plans, Event Action Pans and Incident Support Plans. The software will be used to provide a complete command and control solution allowing for the consolidation of information and the coordination of assets and actions. The software will be used to manage and organize the entity of an incident response from the necessary resources to the finances and logistics.

Deployable ☐ Shareable ☒

Sustain ☐ Build ☒

6. **Project Description:** EMA Video Conferencing - Provide the regional EOCs video conferencing capabilities for the exchanging and sharing of information using deployable 55 inch screens, 1080 HD camera with pan/tilt/zoom and built in speakers. The systems could also be used for STARRS regional meetings and training events.

Deployable ☐ Shareable ☒

Sustain ☐ Build ☒

7. **Project Description:** WebEOC Sustainment and Enhancements - In 2015 the St. Louis region procured WebEOC to assist with communication and information sharing between regional partners as well as with state agencies. The project is just entering the training and first usage stages at the region's Emergency Management Agencies. The requested funding will sustain the system an additional year, plus includes funds to assist with linking to the state of Illinois WebEOC system(s).

Deployable ☐ Shareable ☒

Sustain ☒ Build ☐

TRAINING

1. **Project Description:** IST Training - Continues regional support of the Incident Support Teams in the region through funding 1 x three day and 1 x four days Position Specific Course, to be determined by a needs analysis and in conjunction with offerings by MO OHS. This also funds 1 x five day All Hazard Incident Management Team training in the second year.

Deployable ☐ Shareable ☒

Sustain ☒ Build ☐

BUDGET:

Project 1 –	IST Trailer Equipment	**$** 4,000
Project 2 –	Sandbagging System (Monroe Co)	**$** 90,312
Project 3 –	Sandbagging System (St. Clair Co)	**$** 29,200
Project 4 –	Video Downlink Antenna	**$**115,000
Project 5 –	Tactical Response Software	**$** 20,000
Project 6 –	Video Conferencing System	**$**200,000
Project 7 –	WebEOC Sustainment	**$**125,000
Project 8 –	IST Training Classes	**$** 50,000
	TOTAL:	**$ 633,512**

GRAND TOTAL $633,512

UASI FY2016 INVESTMENT JUSTIFICATION SUMMARY SHEET

COMMITTEE NAME: Emergency Medical Services

INVESTMENT DESCRIPTION:

The Emergency Medical Services committee is made up of emergency medical experts from Missouri and Illinois who help build up the regional capabilities of EMS to respond to and mitigate disasters. In this justification, the group seeks to sustain and build upon existing communications (such as radios and mobile routers), antidote, and vehicle caches in addition to continuing the rigorous training program they have created for local EMS, Public Health, and Hospital personnel. With the development of a their regional Tactical EMS program and plan, they are seeking to build up medical caches and equipment for this unique function as well as provide specialty training for that group and its law enforcement counterparts.

Order of Priorities:

1. Counter Narcotics and Terrorism Operational Medical Support (CONTOMS) School
2. Emergency Medical Services Strike Team Deployable Communications Kits (5)
3. Cyano-kits (200)
4. Tactical EMS Medical Bags
5. BDLS (Basic Disaster Life Support), ALDS (Advanced Disaster Life Support), and Train the Trainer Course
6. Mobile Routers / Interoperable Internet Communications Systems (60)
7. Bus to Ambulance Conversion Kits (2)
8. Designated Infection Control (Advanced & Basic) and Infection Control Education
9. Ambulance Strike Team Leader and Task Force Leader Training
10. Active Shooter/Terrorism/MCI Exercise
11. EMS Mobile Triage (3) Shelters
12. Tactical EMS Vehicle with Radios (Illinois)

TOTAL AMOUNT REQUESTED: $1,067,128

PRIMARY THIRA CORE CAPABILITES SUPPORTED:

- Protection
- Response
- Critical Transportation
- Operational Communications
- Public Health and Medical Services
- Risk and Disaster Resilience Assessment
- Environmental Response/Health and Safety
- On-scene Security and Protection

2015 THIRA GAPS TO BE ADDRESSED:

- Develop and sustain Tier I and Tier I response resources and their supportive elements
- Regional responder broadband
- Multi-Patient Medical Transport Vehicle
- Provide specialty medical training in the St. Louis Urban Area to sustain and enhance tactical emergency medical support resources
- Sustain and improve resources to create a robust tactical emergency medical support asset that is shareable and deployable to the entire region in support of law enforcement special operations including high risk warrant services, fugitive apprehension, hostage negotiation, dignitary protection details, and civil disturbance incidents.

EQUIPMENT

1. **Project Description:** Emergency Medical Services Strike Team Deployable Communications Kits (5). The project is based on the activity of existing EMS agencies who do not have the ability to provide deployable portable radio communications to EMS Strike Teams in areas that do not have 800mhz system capability. This equipment is vital to allow EMS to continue communicate with all EMS Mutual Aid partners in the region. These kits would create caches in all parts of the region. They would be deployable anywhere with the ability to support EMS/ Medical Strike Team/Task Forces.

   Deployable ☒ Shareable ☒

   Sustain ☐ Build ☒

2. **Project Description:** Cyano-kits (200). Replenishment of the 100 Cyano-kit regional cache of cyanide antidote kits that will expire January 2017. The kits have an average two-year useable life expectancy. These kits are stored, distributed, and intended for eventual use for firefighters and citizens that are exposed to combustion byproducts that contain cyanide gas (which is found to exist in modern day construction materials and is released when those materials are exposed to fire).

   Deployable ☒ Shareable ☒

   Sustain ☒ Build ☐

3. **Project Description:** Tactical EMS Medical Bags. These supplies and equipment will enhance an existing tactical medical team that supports the regional SRT/ SWAT teams. The team's mission is to protect and mitigate threats to the public welfare, domestic or foreign, and is fully trained in weapons of mass destruction (WMD) response. The tactical medical team trains and deploys with the tactical teams. This project will support multiple agencies within the UASI region and will be a deployable assist.

   Deployable ☒ Shareable ☐

   Sustain ☐ Build ☒

4. **Project Description:** Mobile Routers / Interoperable Internet Communications Systems (60). Mobile routers are internet communication devices that operate as a WiFi access point allowing multiple independent devices to communicate with the router and with each other in and around any vehicle on any small are large incident where they are installed. They are data sharing, mission critical communication devices for first responders. These mobile routers will be installed in emergency response vehicles for support of mobile Hospitals, IC Command Units, EMS taskforce teams units, EMS units, and Fire Service vehicles serving the St. Louis Urban Area.

   Deployable ☒ Shareable ☒

   Sustain ☒ Build ☒

5. **Project Description:** Bus to Ambulance Conversion Kits (2) (with training and exercise). The request is for two portable Ambubus style metro or school bus conversion kits for mass transport of patients in an emergency situation (i.e. evacuation of hospital/nursing home, disaster response). The proposed kit allows for the responding agency to covert a passenger bus to a multi-patient transport vehicle.

   Deployable ☒ Shareable ☒

   Sustain ☐ Build ☒

6. **Project Description:** EMS Mobile Triage Tent Systems (3). This is a trailer-based moblie triage and treatment system with a support platform that will house power, HVAC, tents, bedding and supplies to care for approximately 40 individuals. This support system would be mounted on the trailer with ducting and wiring running from the trailer to the tent. The system would allow for up to 40 patients but would be modular so as to allow additional systems to be added in the event it was needed.

   Deployable ☒ Shareable ☒

   Sustain ☐ Build ☒

7. **Project Description:** Tactical EMS Support Vehicle with Radios. This unit will provide a operations and support vehicle for the existing tactical EMS teams that co-deploy with the regional SRT/ SWAT teams. This will allow the tactical team to embed the tactical medic within the stack (entry team), increasing the effectiveness and efficiency of the entire unit.

   Deployable ☒ Shareable ☐

   Sustain ☐ Build ☒

TRAINING

1. **Project Description:** Counter Narcotics and Terrorism Operational Medical Support (CONTOMS) School. By bringing the CONTOMS program to the Greater St. Louis area, EMS will sustain the four current tactical emergency medical support teams in the St. Louis urban area by allowing them to train together and develop a more interoperable framework of collaboration to mutually mitigate threats against law enforcement. The goal of the CONTOMS Program is to offer a nationally standardized curriculum, certification process, and quality improvement procedure to meet the needs of those EMTs, paramedics, and physicians who operate as part of a law enforcement team. Additionally, the Program tracks data to ensure that the educational efforts are evidence-based, so that it meets the dynamic needs of the law enforcement and EMS communities.

   Deployable ☒ Shareable ☒

   Sustain ☒ Build ☐

2. **Project Description:** BDLS (Basic Disaster Life Support), ALDS (Advanced Disaster Life Support), and Train the Trainer Course. The objective of this training will be to provide a foundation for medical personnel to learn the necessary skills to handle basic and advanced disaster life support events. These classes provide and support training that promotes awareness, planning, and actions taken by EMS in the event of a disaster and the integration of mitigation programs/activities with other mission areas.

   Deployable ☐ Shareable ☒

   Sustain ☒ Build ☐

3. **Project Description:** Designated Infection Control (Advanced & Basic) and Infection Control Education. This request is for additional funding to maintain the infectious disease education for the Greater Saint Louis Area. The funding would be to host and teach three classes: 1. Basic Designated Infection Control Officer; 2. Advance Designated Infection Control Officer; 3. Blood Bourne Disease These classes prepare the designated officer by introducing them to the requirements of the Designated Infection Control Officer or DICO's responsibilities and what role they play within an organization.

   Deployable ☐ Shareable ☒

   Sustain ☒ Build ☐

4. **Project Description:** Ambulance Stike Team Leader and Task Force Leader Training. The objective of this course will be to train EMS personnel in leadership or management positions to serve in the role of Emergency Medical Services Strike Team Leader and Task Force Leader. Participants will be taught to prepare for, respond to, and recover from significant events while functioning in a supervisory role over trained personnel ambulances on Mutual Aid assignments to jurisdictions confronted with large numbers of patients requiring mass care or medical evacuation.

   Deployable ☐ Shareable ☒

   Sustain ☒ Build ☐

EXERCISES

1. **Project Description:** Active Shooter/Terrorism/MCI. A multijurisdictional exercise to test the regional response to an MCI with multiple sites of active shooters. This training will employ law enforcement, tactical medic teams, and EMS transport units. It will also use law enforcement and emergency medical services communication resources (cache radios), deploy tactical medical teams with law enforcment teams to mitigate threat, set up casualty collection points, set up staging for MCI transport units, and deploy ballistic vests from regional cache for EMS personnel.

   Deployable ☐ Shareable ☒

   Sustain ☐ Build ☒

BUDGET:

Project 1 - CONTOMS Training ..... **$ 45,000**
Project 2 - EMS Strike Team Deployable Communications Kits (5) ..... **$ 50,000**
Project 3 - Cyanokits (200) **$135,136**
Project 4 - Tactical EMS Medical Bags ..... **$ 68,201**
Project 5 - BDLS, ALDS, and Train the Trainer Course ..... **$ 42,000**
Project 6 - Mobile Routers (60)..... **$155,400**
Project 7 - Bus to Ambubus Kits (2) (w/training and exercise) ..... **$ 51,750**
Project 8 - Adv & Bas Designated Inf Control, Infection Control Ed ..... **$ 17,000**
Project 9 - Ambulance Stike Team Ldr and Task Force Ldr Training..... **$ 14,500**
Project 10 - Active Shooter/Terrorism/MCI Exercise..... **$ 9,775**
Project 11 - EMS Mobile Triage (3) Shelters **$375,000**
Project 12 - Tactical EMS Vehicle with Radios **$103,366**

TOTAL: $1,067,128

GRAND TOTAL $ 1,067,128

UASI FY2016 INVESTMENT JUSTIFICATION SUMMARY SHEET

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

INVESTMENT DESCRIPTION: The Fusion Center - TEW develops comprehensive plans to assess and protect critical infrastructure in the region, including buildings, public arenas, utilities, and public works and transportation systems; Coordinate planning for special events that may require a high level of security; Operate an intelligence fusion center and disseminate information gained to appropriate parties.

The purpose of this investment is to sustain the Urban Area's 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 region. The investment shall continue funding a position to maintain and ensure operational capabilities for Fusion Center managed projects, i.e., License Plate Reader Database (LPRD) and the St. Louis Mugshot Recognition Technology (SMART). This project will additionally fund the Critical Infrastructure/Key Resources (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, Intelligence Liaison Officer's (ILO) , CI/KR owners and operators and private citizens.

TOTAL AMOUNT REQUESTED: $655,580

PRIMARY THIRA CORE CAPABILITES SUPPORTED: Intelligence and Information Sharing; Interdiction and Disruption; Screening, Search, and Detection

2015 THIRA GAPS TO BE ADDRESSED: Identify all (100%) of the terrorist actors, co-conspirators, and their sponsors by fusing all science-based forensic results and all-source intelligence information and products. Following OHS, National Network, and StL TEW/FC SOGs and timetable targets: Through the TEW and Fusion Center appropriate Law Enforcement agencies share information and identify, locate, and eliminate documented threat(s).

ORGANIZATION

1. **Project Description:** Fusion Center Personnel: CI/KR Coordinator (sustained 18 month position) $152,000; Intelligence Analyst (sustained 18 month position) $112,500, LPRD / SMRT System Project Manager (sustained 33 month position) $54,980. TOTAL: $319,480

   Deployable ☐ Shareable ☒

   Sustain ☒ Build ☐

EQUIPMENT

1. **Project Description:** Database access, intelligence subscriptions, 28CFR23 compliance, social networking investigative tool, Fusion Center website, internet access services, sustained operations of office equipment, sustained operations of existing LPRD/SMRT projects, intelligence gathering databases, STE phone access (18 month sustainment). TOTAL: $156,100

   Deployable ☐ Shareable ☒

   Sustain ☒ Build ☐

TRAINING

1. **Project Description:** Fusion Center personnel, UA and ILO partners, Fire/EMS initiative, and DHS approved training events. (18 month sustainment). TOTAL: $180,000

Deployable ☐ Shareable ☒

Sustain ☒ Build ☐

BUDGET:

Project 1 - Fusion Center Personnel ..... **$**319,480
Project 2 - Fusion Center software, database, website & phones ..... **$**156,100
Project 3 - Fusion Center Training ILO and Regional Partners ..... **$**180,000

TOTAL: $655,580

GRAND TOTAL $ 655,580

UASI FY2016 INVESTMENT JUSTIFICATION SUMMARY SHEET

COMMITTEE NAME: Hazmat

INVESTMENT DESCRIPTION: The Hazmat Committee provides planning and coordination among the region's hazardous materials response teams. The Committee requests funds to complete the purchase of specialized detection equipment enhance the teams' capabilities to detect unknown hazardous materials (including chemical weapons) in gas and vapor form; and, to replace SCBA breathing ensembles and tanks;

TOTAL AMOUNT REQUESTED: $374,000

PRIMARY THIRA CORE CAPABILITES SUPPORTED: Response Mission: Environmental Response/Health and Safety; Public and Private Services and Resources

2015 THIRA GAPS TO BE ADDRESSED: The Hazmat Committee has a capability gap in detection and identification of unknown chemical gases. Filling this gap will allow them to take appropriate actions to protect the public during airborne chemical releases and terrorist events. They also need to sustain current hazardous chemical monitoring equipment, replace aging SCBA tanks, and provide SCBA ensembles to the Madison County team so that equipment is consistent across the region. Funds are also needed to sustain hazmat technician certification training levels for existing and new members.

EQUIPMENT

1. **Project Description:** This project is to complete an existing capability for FTIR gas detection and identification instruments for each team. Approval has been granted for 5 instruments thus far and we are requesting 2 additional instruments in order to provide units for the last two teams. Having this capability will advise incident commanders of specific airborne dangers and the need for and extent of evacuation orders at a hazardous material incident. Total Cost: $140,000

   Deployable ☒ Shareable ☒

   Sustain ☐ Build ☒

2. **Project Description:** Purchase of 12 SCBA cylinders for each team to replace expiring units. The Madison County Team is currently equipped with older MSA breathing apparatus. We would like to replace them with Scott units in order to have matching equipment across the region and to comply with current standards. The committee is therefore requesting 8 new Scott 5500 psi breathing apparatus ensembles and SCBA 84 cylinders. Total Cost: $154,000

   Deployable ☒ Shareable ☒

   Sustain ☒ Build ☐

3. **Project Description:** This request is to prove funds to maintain hazardous material monitoring equipment currently in operation by the teams. Annual costs are incurred by the teams for items such as sensors, calibration, data libraries, calibration gas, sensor tubes, and chips. This request is to provide each team with $5,000 to purchase required supplies, or conduct repairs or calibration for their current equipment. Total Cost: $35,000

   Deployable ☒ Shareable ☒

Sustain ☒ Build ☐

TRAINING

4. **Project Description:** Hazardous Materials Technician Certification and Refresher Training. This project is to support continued training required by statute to maintain certification for all members of the Hazmat Task Force as well as initial training for new members. Task Force members are required to maintain a Technician level certification within their jurisdiction. This requires annual recertification training classes. New team members are required to receive an 80 hour technician certification in Missouri and a similar certification in Illinois. Total Cost: $45,000.

   Deployable ☐ Shareable ☒

   Sustain ☒ Build ☐

BUDGET:

Project 1 – Chemical Gas Analyzers **$140,000**
Project 2 – SCBA Tanks and ensembles **$154,000**
Project 3 – Monitoring Instrument Maintenance ..... **$ 35,000**
Project 4 – Hazardous Material Technician Training ..... **$ 45,000**

TOTAL: $ 374,000

UASI FY2016 INVESTMENT JUSTIFICATION SUMMARY SHEET

COMMITTEE NAME: Law Enforcement

INVESTMENT DESCRIPTION: The STARRS Law Enforcement Committee provides planning, detection and direction in the following primary areas: Bomb and tactical teams, law enforcement intelligence, and the Metro Air Support Unit. Their efforts focus on procuring reliable technology, standardization among teams, joint training and exercise, and the capability to respond to Human Adversarial Threats including enhancing the ability to function within contaminated areas to protect other support teams.

The following projects were approved by the Law Enforcement Committee to be forwarded to STARRS for consideration. Below is the list of 2016 projects in priority order.

1. SLMPD, Gunshot locater trailer
2. St. Charles County PD, 5 Regional tactical robots
3. St. Louis County, Night vision
4. Jefferson County, Gas Masks
5. Franklin County, Tactical headsets
6. St. Louis City Bomb, 16 Regional tactical bomb vests
7. Franklin County, Negotiator phone
8. Metro Air Support, Air Mapping
9. St. Louis County Lab, Forensic bomb investigation microscope
10. St. Louis County, Pole Camera

TOTAL AMOUNT REQUESTED: $1,202,368

PRIMARY THIRA CORE CAPABILITES SUPPORTED: Interdiction and Disruption; Physical Protective Measures; Forensics and Attribution; Screening, Search, and Detection; and, On-scene Security and Protection

2015 THIRA GAPS TO BE ADDRESSED: Through the TEW and Fusion Center, appropriate Law Enforcement agencies share information and identify, locate, and eliminate documented threats. Identify all (100%) of the actors, co-conspirators, and their sponsors by fusing all science-based forensic results and all-source intelligence information and products to investigate the impacted sections of the Regions. 100% of Law Enforcement agencies will support Interdiction and Disruption activities when requested to suppress a verified or suspected threat.

EQUIPMENT

1. **Project Description:** SLMPD - Mobile Camera/LPR/Gunshot Detection System: Hybrid Trailer with 2 TB video storage, 2 PTZ cameras as well as the base equipment for operations and generator and solar pack. 2 LPR Cameras (license plate recognition cameras) and Gunshot recognition that is designed to automatically pan/tilt/zoom cameras to location of gunshot

Deployable	☒	Shareable	☒
Sustain	☐	Build	☒

2. **Project Description:** St. Charles County PD - Obtain small platform tactical robots to replace the previously STARRS funded robots. Mini-CALIBER SWAT Robot with Disruptor, claw attachment kit, DVR, command post video transmitter, firing circuit, FLIR camera, case and included on-site training. 5 Robot systems @ $42,125 each = $210,625

Deployable ☒ Shareable ☒

Sustain ☒ Build ☐

3. **Project Description:** St. Louis County PD - Night Vision Equipment: (6) Night Vision Monoculars @ $20,400.00 (6) Night Vision Helmet Mounts @ $1,590.00

Deployable ☒ Shareable ☒

Sustain ☒ Build ☐

4. **Project Description:** Jefferson County Sheriff's Department - (10) Gas Masks - $11,500

Deployable ☒ Shareable ☒

Sustain ☒ Build ☐

5. **Project Description:** Franklin County Sheriff's Department - (20) sets of Rail Mount Single com headset with boom MIC, push-to-talk and volume control.

Deployable ☒ Shareable ☒

Sustain ☒ Build ☐

6. **Project Description:** SLMPD Bomb Team: The SLMPD Bomb Team has identified the need for the regional bomb techs to update their out of date or obsolete personal protective vests. This protective equipment will provide protection for both bomb response and can function well in a tactical environment should a SWAT/bomb squad response be necessary. Personal Protective Equipment-Secondary Search Vest/Tactical Bomb Tech Vest.

Deployable ☒ Shareable ☒

Sustain ☒ Build ☐

7. **Project Description:** Franklin County Sheriff's Department: Crisis Negotiator Rescue Phone Quad Response Module with Video System.

Deployable ☒ Shareable ☒

Sustain ☒ Build ☐

8. **Project Description:** Metro Air Support Unit: (4) Augmented Reality Mapping Systems to replace the current outdated Aerocomputer moving map systems $460,000.00. (4) Inertial Navigation System - to replace the outdated IMU's currently in use. $100,000.00. (4) Analog to SDI converters $3,600.00. (4) Monitors to replace outdated monitors currently being utilized. $14,780.00 (4) 28 volt power option conversion kit $2,040.00. (4) Touch Screen adapters $5,000.00. (4) EMI Filters $608.00

Deployable ☒ Shareable ☒

Sustain ☒ Build ☐

9. **Project Description:** St. Louis County Forensic Lab: Scanning Electron Microscope (SEM)-Energy Dispersive X-Ray Spectroscopy (EDS). Forensic analysis of explosives is essential to support the investigative efforts of law enforcement personnel and bomb squads, and to ensure the successful prosecution in such cases. The St. Louis County Police Crime Laboratory is the only crime lab in the region with the capability to conduct forensic analysis on intact or post-blast explosive devices. Currently, the St. Louis County Police Crime Lab is lacking the in-house ability to perform elemental analysis on microscopic particles typically found in explosives residue. This project will, ultimately, allow the St. Louis County Police Department Crime Laboratory to conduct in-house elemental analysis of explosives and explosive residues, and support the goals and objectives of the St. Louis Area Regional Response System.

Deployable ☐ Shareable ☒

Sustain ☒ Build ☐

10. **Project Description:** St. Louis County PD Tactical Operations Unit: (1) Pole Extendable Camera 50"(min) -77"(max).

Deployable ☒ Shareable ☒

Sustain ☒ Build ☐

BUDGET:

Project 1 –	SLMPD Mobile Camera/LPR/Gunshot Detection System	**$125,000**
Project 2 -	St. Charles County PD Small platform tactical robots	**$210,625**
Project 3 -	St. Louis County PD - Night Vision Equipment	**$ 21,990**
Project 4 –	Jefferson County Sheriff's Department Gas Masks.....	**$ 11,500**
Project 5 –	Franklin County Sheriff's Department Tactical Headsets	**$ 17,680**
Project 6 –	SLMPD Bomb Team Tactical Bomb Vests	**$ 64,000**
Project 7 -	Franklin County Sheriff's Department Negotiator Phone	**$ 26,490**
Project 8 –	Metro Air Support Air Mapping Equipment.....	**$586,028**
Project 9 –	St. Louis County Forensic Lab Microscope.....	**$129,180**
Project 10 -	St. Louis County PD Pole Camera	**$ 9,875**
	TOTAL:	**$ 1,202,368**

GRAND TOTAL $ 1,202,368

UASI FY2016 INVESTMENT JUSTIFICATION SUMMARY SHEET

COMMITTEE NAME: Public Health

INVESTMENT DESCRIPTION:
The STARRS Public Health Committee represents public health planners, epidemiologists, subject matter experts, and medical volunteers within the region who help develop plans, exercises, and trainings to ensure maximum coordination during public health emergencies. Comprised of all nine health departments in the St. Louis UASI, they also jointly purchase equipment which serves the entire metro area. In addition to recruiting human capital in the form of volunteers (i.e. local Medical Reserve Corps and the regional Gateway Volunteer Network), they also build public health caches for Points of Dispensing (PODs) and medical countermeasures. In addition to this, the group regularly sends members to national conferences and trainings to continue their education and improve expertise at the local level. Lastly, they are responsible for conducting regular surveillance and disease investigations with their software.

Order of Priorities:
1. SPSS/GIS software update (with training)
2. Storage carts for notebook computers
3. Respirator fit testing units
4. Council of State and Territorial Epidemiologist Annual Conference

TOTAL AMOUNT REQUESTED: $133,450

PRIMARY THIRA CORE CAPABILITES SUPPORTED:
- Community Resilience
- Public Health and Medical Services
- Environmental Response/Health and Safety

2015 THIRA GAPS TO BE ADDRESSED:
- 100% of biological countermeasures, PPE, other critical response resources, and community commodoties are protected, available, and distribution is not disrupted
- PPE cache for viral/pandemic response
- Communicable disease, pandemic influenza, or biological attack event response
- Epidemiology (Surveillance and Investigation)

EQUIPMENT

1. **Project Description:** Geographic Information Systems (GIS) mapping software and SPSS analytical software updates (with training). Regional epidemiologists have recognized gaps in access to current versions in software among St. Louis metro area health agencies and this purchase would ensure uniformity in data visualization capacity for epidemiologists across the region. Geographic Information Systems (GIS) encompasses the scientific and technological tools that analyze and integrate data to create maps and other illustrations of information which can be used to make planning decisions. In purchasing the most recent version of this software, the tools to conduct sophisticated mapping will be given to each requesting health department. SPSS is capable of managing the entire analytical process, from planning to data collection to analysis, reporting and deployment. This software allows epidemiologists to make sense of all the many types of data that are routinely collected when conducting surveillance and outbreak investigations.

Deployable	☐	Shareable	☒
Sustain	☒	Build	☒

2. **Project Description:** Computer Storage Cart. This project provides UL-compliant, safe and secured storage for the 165 HP laptops purchased by STARRS with previous UASI funds. This purchase will ease the stress of keeping laptops constantly plugged in (and damaging the integrity of the battery thus causing rapid deterioration) by simply using one plug to charge a group of laptops. Each jursidiction will establish their own scheduled maintenance policy (i.e. weekly charges). This cart, which holds 30 laptops, will also allow for easy transport for the machines to POD sites. Having these in safe storage is critical for successful electronic dispensing - a faster way of distributing medications to the public during a public health emergency.

Deployable ☒ Shareable ☐

Sustain ☒ Build ☐

3. **Project Description:** Six Quantifiable Fit Testing Machines (including N95 masks) for Public Health, EMS, Fire, and Police. The purpose of this project is to provide a more reliable way to fit test N95, 100, 99, P1, P2, P3, HEPA, SCBA, half-masks, full face masks, gas masks, and PAPRs. Right now, most health departments depend on N95 masks to protect their employees during a public health emergency (i.e. bioterrorism attack). Having a device on hand to do a quantifiable fit test will improve testing integrity when compared to qualitative methods. Additionally, it will take approximately 1/3 the time to do a quantiative test versus a qualitative test.

Deployable ☒ Shareable ☒

Sustain ☐ Build ☒

TRAINING

1. **Project Description:** Geographic Information Systems (GIS) mapping software and SPSS analytical software training (with software updates). A follow-up training to the purchase of the GIS/SPSS updates is critical to regional epidemiologists/planners. This full-day training will demonstrate the integrated use of these two programs. Furthermore, these software packages have been updated multiple times since the initial training regional epidemiologists/planners received several years ago and with these new update features in addition to new staff at LPHAs, a new full-day regional training for uniformity is needed.

   The mission for this is to provide the educational background to the region's epidemiologists and planners to more effectivily use the analytical and mapping software that will be used for response to pandemic influenza, a biological attack or other naturally occuring epidemic.

   Deployable ☐ Shareable ☒

   Sustain ☒ Build ☒

2. **Project Description:** Council of State and Territorial Epidemiologist Annual Conference. The CSTE Annual Conference is the largest annual gathering of applied epidemiologists in the nation and connects more than 1,400 public health epidemiologists and other professionals from across the country. 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. This training, which addresses the epidemiology surveillance and information sharing goal of the 2015 St. Louis THIRA, supports the continued education of our region's public health professionals who respond to public health emergencies, including technical training via workshops and building the skills necessary to respond to emerging threats and infectious diseases such as Zika.

Deployable ☐ Shareable ☒

Sustain ☒ Build ☒

BUDGET:

Project 1 - GIS and SPSS updates/training ..... **$ 38,300**
Project 2 - UL Compliant Computer Cart Storage ..... **$ 11,150**
Project 3 - Quantifiable Fit Testing Machines ..... **$ 76,000**
Project 4 - CSTE Annual Conference ..... **$ 8,000**

TOTAL: $ 133,450

GRAND TOTAL $ 133,450

UASI FY2016 INVESTMENT JUSTIFICATION SUMMARY SHEET

COMMITTEE NAME: STARRS Regional Collaboration and Coordination

INVESTMENT DESCRIPTION: STARRS staff provide administrative, 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 can not be applied for and administered for the region. The regional collaboration and response capabilities established since 2004 would be diminished.

TOTAL AMOUNT REQUESTED: $930,000

PRIMARY THIRA CORE CAPABILITES SUPPORTED: This IJ 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. STARRS maintains the region's response capabilities created through UASI and ASPR grant funding.

2015 THIRA GAPS TO BE ADDRESSED: STARRS staff, working with the Board and its Subcommittees, maintains the region's THIRA & St. Louis Regional Homeland Security Strategy and updates them annually reflecting the threats and hazards to the region as well as the response capabilities and gaps. STARRS staff also conducts progress monitoring, provides grant guidance, and facilitates planning, procurement, and coordination for the STARRS Subcommittees. STARRS staff enhances the all-hazards/all-threats regional planning by providing a framework for information sharing, resource coordination, and strategic decision making at both the policy and the emergency management level.

PLANNING

1. **Project Description:** STARRS STAFF Funding to sustain STARRS staff consisting of the Executive Director and four Public Safety Administrators for the period of 18 months. Staff performs project management work for each of the STARRS Subcommittees and maintains and updates several regional plans which enhance regional emergency response resource capabilities inherent to the region. Total cost $930,000

Deployable	☐	Shareable	☒
Sustain	☒	Build	☐

BUDGET:

Project 1 – STARRS Staff Funding **$930,000**

TOTAL: $ 930,000

UASI FY2016 INVESTMENT JUSTIFICATION SUMMARY SHEET

COMMITTEE NAME: SLARCC

INVESTMENT DESCRIPTION: Community Preparedness – CERT

TOTAL AMOUNT REQUESTED: $45,000

PRIMARY THIRA CORE CAPABILITES SUPPORTED: Community Resiliency; Mass Care

2015 THIRA GAPS TO BE ADDRESSED: Build and sustain resilient systems to reduce vulnerability to all regional hazards and threats outlined in the St. Louis Metropolitan Area Risk Assessment and through long-term mitigation actions to achieve a measurable reduction in the response and recovery resource requirements through: 1) Individual, family, and business disaster preparedness training and actionable information 2) Promote volunteerism that advances community preparedness.

EQUIPMENT

1. **Project Description:** Continue to supply CERT backpacks and manuals necessary to outfit and teach the basic CERT classes.

   Deployable ☒ Shareable ☐

   Sustain ☒ Build ☐

TRAINING

2. **Project Description:** CERT training materials that are expended during courses or become unusable after repeated use. Examples include fire extinguisher refills, first aid supplies, and cribbing. Snacks, food, or promotional materials are **not** able to be funded by this request.

   Deployable ☒ Shareable ☐

   Sustain ☒ Build ☐

3. **Project Description:** CERT Skills Refresher.
   The Skills Refresher would be a day-long event with a combination of classroom presentations and hands-on skill reinforcement. These skill reinforcements could be fire extinguisher stations, practical exercises for medical assessment, triage and treatment, lifting and cribbing. While the exact format has not yet been set, all participants would receive some classroom time and some hands-on time.

   Deployable ☐ Shareable ☒

   Sustain ☒ Build ☐

BUDGET:

Project 1 – CERT backpacks and manuals..... **$21,000**
Project 2 – CERT training material..... **$ 4,000**
Project 3 – CERT Skills Refresher..... **$20,000**

TOTAL: $ 45,000

GRAND TOTAL: $45,000

UASI FY2016 INVESTMENT JUSTIFICATION SUMMARY SHEET

COMMITTEE NAME: Training & Exercise

INVESTMENT DESCRIPTION: Regional exercises and training

TOTAL AMOUNT REQUESTED: **$**185,000

PRIMARY THIRA CORE CAPABILITES SUPPORTED: Operational Coordination – All Mission Areas

2015 THIRA GAPS TO BE ADDRESSED: Sustainment of regional capacity for all Mission Area programs

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TRAINING

1. **Project Description:** Support regional training initiatives. This project develops a general training account usable by all subcommittees for training. Regional training such as ICS 300 & 400, non-state funded FEMA ("G") courses, or specialized presenters are a few examples. Additionally, requests to attend out-of-region training that have allowable reimbursable costs would also be funded from this account. Requests for support would follow the guidance developed by the T&E subcommittee.

   Deployable ☐ Shareable ☒

   Sustain ☒ Build ☐

EXERCISES

1. **Project Description:** Regional exercises during the FY 2016 grant cycle. The entire exercise cycle from seminar to full scale will be supported. Exercises will be developed locally, contracted, supported by contracted elements, or brought in by state and/or Federal partners.

   Deployable ☐ Shareable ☒

   Sustain ☒ Build ☐

BUDGET:

Project 1 – Regional Exercise support ..... **$ 85,000**
Project 2 – Regional Training support **$100,000**

TOTAL: $185,000

GRAND TOTAL $185,000

UASI FY2016 INVESTMENT JUSTIFICATION SUMMARY SHEET

COMMITTEE NAME: St. Louis Regional Heavy Rescue Task Force - Urban Search And Rescue (USAR)

INVESTMENT DESCRIPTION: The STARRS USAR Committee provides coordination of the region's five Urban Search and Rescue (USAR) teams and direction for enhancing regional USAR capabilities, especially swift water rescue and structural collapse rescue. The USAR Committee has approved the following projects in priority order:

1. USAR Equipment Sustainment
2. USAR Technical Rescue Training
3. Flood Evac boats
4. UTV
5. Training for Structures Specialist (Engineer}
6. Sat Phone update
7. Repeater for VHF com ms

TOTAL AMOUNT REQUESTED: 667,750

PRIMARY THIRA CORE CAPABILITES SUPPORTED: Response Mission Area, Mass Search and Rescue Operations

2015 THIRA GAPS TO BE ADDRESSED: Deliver traditional and atypical search and rescue capabilities, including personnel, services, animals, and assets to survivors in need, with the goal of saving the greatest number of endangered lives in the shortest time possible. Within 12 Hours, conduct search and rescue operations, including community based search and rescue support operations across a wide, geographically dispersed area to locate and rescue persons in distress, based on the requirements of state, territorial, tribal, and local authorities. Within 24 hours assemble & deploy at least 1 Type I USAR team and begin search & rescue.

EQUIPMENT

1. **Project Description:** USAR Teams Equipment replacement for all five teams. Replace all Self Contained Breathing Apparatus Bottles; Diamond Chain replacement for cutting reinforced concrete, sensors for monitors, etc.

   Deployable ☒ Shareable ☐

   Sustain ☒ Build ☐

2. **Project Description:** Purchase three (3) strategically-placed caches of flood response watercraft and flood rescue equipment in order to enhance existing water response capabilities for the five St. Louis Urban Area US&R Teams.

   Deployable ☒ Shareable ☒

   Sustain ☐ Build ☒

3. **Project Description:** Purchase five (5) Utility-Terrain Vehicles (UTVs) for the St. Louis Metro Urban Search and Rescue Teams

   Deployable ☒ Shareable ☒

   Sustain ☐ Build ☒

4. **Project Description:** MSAT Satellite Phone Box Updates. STARRS previously purchased a number of interoperability boxes containing a satellite phone and mobile two-way radios. The "black box" cases have a number of identified shortfalls that keep them from serving their intended purposes of having interoperable communications kits available in the region. This project will update the boxes with needed features in the mobile radios so they can access P25 trunked radio systems; have the correct interoperable channels/talkgroups programmed in them so they can operate on the three major radio systems in the region; fix certain hardware issues with the ACU devices that prevent them from operating completely with the three components in the box; and ensure the satellite phone units throughout the region are updated and continuing to be used by agencies responsible for them. Funding will provide the necessary radio upgrades, codeplug changes, black box modifications. Test all communication paths through the boxes.

Deployable ☒ Shareable ☒

Sustain ☒ Build ☐

5. **Project Description:** VHF Repeater System: The five US&R Teams in the St. Louis metropolitan area are in need of a VHF Radio Repeater that will be used when multiple teams are deployed over a wide area and Mobile/WT coverage is needed to coordinate rescue operations. The teams use the older version VHF walkie talkies and must rely on older technology. We do not have the new radios that use the regional digital radio systems.

Deployable ☒ Shareable ☒

Sustain ☒ Build ☐

TRAINING

1. **Project Description:** Technical Rescue Training: The five US&R Teams in the St. Louis metropolitan area need to provide the on-going training support of the existing rescue teams and provide the base line rescue training for current and new team members. Train a total of 30 personnel in the St. Louis metropolitan area to the Rescue Specialist position description requirements currently used by the FEMA US&R teams to be on the Task Forces. In addition we would like to train approximately 30 fire companies on Rescue Systems 1 and 2. This core initial training includes Introduction to Technical Rescue, Rope Rescue Technician, Confined Space Rescue Technician, Trench Rescue Technician, and Structural Collapse Technician.

Deployable ☒ Shareable ☐

Sustain ☒ Build ☐

2. **Project Description:** Structural Specialist (FEMA Certified Engineers): Send 4 (four) Practice Structural Engineers to FEMA training to become FEMA Structural Specialist. This training teaches engineers to read buildings that have received damage from a natural or man-made event. They will learn to calculate loads, determine movement, and recommend shoring needs for responders to make entry for search and rescue. Mission critical need during major collapses rescue.

Deployable ☒ Shareable ☒

Sustain ☐ Build ☒

3. **Project Description:** Instructor to conduct three training classes on the proper operation of the MSAT phones and the corresponding black interoperability boxes. Instructor will be responsible for creating content and delivering.

Deployable ☐ Shareable ☐

Sustain ☐ Build ☐

BUDGET:

Project 1 - USAR Teams Equipment Sustainment..... **$230,000**
Project 2 - Technical Rescue Training **$130,000**
Project 3 - Flood response watercraft and flood rescue equipment..... **$156,000**
Project 4 - Utility-Terrain Vehicles (UTVs)..... **$ 85,000**
Project 5 - Structural Specialist (FEMA Certified Engineers) ..... **$ 9,000**
Project 6 - MSAT Satellite Phone Box Updates..... **$ 32,750**
Project 7 - VHF Repeater System: ..... **$ 25,000**

TOTAL: $ 667,750

GRAND TOTAL $ 667,750

2016 UASI Grant Funding Requests

Motions				Votes by Committee Member									Total Votes			Pass/Fail
#	Description	Motion by	2nd By	Abe Cook	Larry Ringering	Joann Leykam	Gary Christmann	Don Feher	Mark Thorp	Greg Brown	Dave Todd	Jim Wild	Y	N	Abstain	
1	Provide funding to support STARRS staff in an amount of $930,000.	J.Leykam	D.Todd	Y	Y	Y	Y	Y	Y	Y	Y	Y	9	0	0	***Passed***
2	Provide funding to support Fusion Center personnel in an amount of $319,480.	J.Leykam	G.Brown	Y	Y	Y	Y	Y	Y	Y	Y	Y	9	0	0	***Passed***
3	Provide $80,000 to regional training with 50% of this amount ($40,000) to be allocated to Fusion Center training.	M.Thorp	G.Brown	Y	Y	Y	Y	Y	Y	Y	Y	Y	9	0	0	***Passed***
4	Provide $15,000 to support a regional exercise.	A.Cook	M.Thorp	Y	Y	Y	Y	Y	Y	Y	Y	Y	9	0	0	***Passed***
5	Provide $399,805 in funding to support the following projects: (a) Franklin Co. tactical headsets ($17,680), (b) St. Charles Co. robots ($210,625), (c) Jefferson Co. gas masks ($11,500), (d) SLMPD gunshot detection system ($125,000), and (e) Fusion Center subscriptions, tools, and services ($35,000).	J.Leykam	A.Cook	Y	N	Y	Y	Y	Y	Y	Y	Y	8	1	0	***Passed***
6	Provide $150,000 to support the microwave network cybersecurity project.	M.Thorp	G.Brown	Y	Y	Y	Y	Y	Y	Y	Y	Y	9	0	0	***Passed***
7	Provide $100,000 to support WebEOC. Funding for WebEOC excludes funding for the alerting/notification system, which should be given priority for future washout funding.	G.Christmann	M.Thorp	Y	Y	Y	Y	Y	Y	Y	Y	Y	9	0	0	***Passed***
8	Provide $45,000 for CONTOMS training.	M.Thorp	J.Leykam	Y	Y	Y	Y	Y	Y	Y	Y	Y	9	0	0	***Passed***
9	Provide $35,000 to HazMat for monitoring instrument maintenance.	G.Brown	M.Thorp	Y	Y	Y	Y	Y	Y	Y	Y	Y				***Passed***
10	Provide $20,000 for IST training.	M.Thorp	J.Leykam	Y	Y	Y	Y	Y	Y	Y	Y	Y	9	0	0	***Passed***
11	Provide $90,312 to purchase a sandbagging system for Monroe County.	J.Leykam	J.Wild	Y	Y	Y	Y	Y	Y	Y	Y	Y	9	0	0	***Passed***
12	Provide $200,000 to support the Microwave MOSWIN expansion. Funding will be used to add microwave site for microwave connection(s) and will not be used for fiber connections.	G.Brown	J.Leykam	Y	Y	Y	Y	Y	Y	Y	Y	Y	9	0	0	***Passed***
13	Provide $100,000 to USAR for sustainment - USAR to determine which sustainment items to purchase and provide $46,200 to HazMat for SCBA tanks.	G.Brown	M.Thorp	Y	Y	Y	Y	Y	Y	Y	Y	Y	9	0	0	***Passed***
14	Provide $20,000 to purchase cyanokits and provide $20,000 to print the TICP / TICFOG.	M.Thorp	G.Brown	Y	Y	Y	Y	Y	Y	Y	Y	Y	9	0	0	***Passed***
15	Provide remaining funds ($88,158) to Public Health Sub-Committee. Public Health Sub-Committee will determine which of its requested projects it will support with this funding.	D.Todd	G.Christmann	Y	Y	Y	Y	Y	Y	Y	Y	Y	9	0	0	***Passed***

2016 UASI Grant Funding Requests

Motions and Votes By Project

Projects	Motions				Votes	
	Description	$ Approved	Made by	Seconded by	Y	N
Sustain STARRS staff (18 months)	100% of funding request approved	$930,000.00	J. Leykam	D.Todd	9	0
Fusion Center personnel	100% of funding request approved	$319,480.00	J. Leykam	G.Brown	9	0
Regional training support	$80,000 approved with 50% allocated to Fusion Center training	$40,000.00	M.Thorp	G.Brown	9	0
Fusion Center training program		$40,000.00				
Regional exercise support	$15,000 provided to support regional exercise	$15,000.00	A.Cook	M.Thorp	9	0
SLMPD gunshot detection system	100% of funding provided to each of: (1) gunshot detection system, (2) robots, (3) gas masks, and (4) headsets. $35,000 provided to support Fusion Center's subscriptions, tools, and services	$125,000.00	J. Leykam	A.Cook	8	1
St. Charles Co. PD small platform tactical robots		$210,625.00				
Jefferson County Sheriff's Dept. gas masks (10 units)		$11,500.00				
Franklin County Sheriff's Dept. tactical headsets (10 units)		$17,680.00				
Fusion Center subscriptions, tools, and services		$35,000.00				
Microwave network cybersecurity	100% of funding request approved	$150,000.00	M.Thorp	G.Brown	9	0
WebEOC sustainment and enhancement	Provide $100,000 to support WebEOC, exclude the alerting system ($25,000)	$100,000.00	G.Christmann	M.Thorp	9	0
CONTOMS training	100% of funding request approved	$45,000.00	M.Thorp	J.Leykam	9	0
HazMat monitoring equipment maintenance	100% of funding request approved	$35,000.00	G.Brown	M.Thorp	9	0
IST training (position specific & AHIMT courses)	100% of funding request approved	$20,000.00	M.Thorp	J.Leykam	9	0
Sandbagging system - Monroe County	100% of funding request approved	$90,312.00	J. Leykam	J.Wild	9	0
STARRS/MOSWIN Microwave Expansion	Provide $200,000 to support project, microwave only, exclude fiber	$200,000.00	G.Brown	J.Leykam	9	0
USAR response equipment sustainment	Provide $100,000 for sustainment, USAR to determine which sustainment items to purchase and provide $46,200 for HazMat SCBA tanks, no funds for HazMat for SCBA ensembles	$100,000.00	G.Brown	M.Thorp	9	0
HazMat SCBA tanks (84) & SCBA ensembles (8)		$46,200.00				
TICP/TICFOG printing	100% of funding request approved for printing and provide $20,000 to purchase cyanokits	$20,000.00	M.Thorp	G.Brown	9	0
Cyanokits		$20,000.00				
SPSS/GIS software update with training	Provide remaining funds ($88,158) to public health sub-committee and the sub-committee can determine which of its projects it wants to spend	$88,158.00	D.Todd	G.Christmann	9	0
Storage carts for notebook computers						
Respirator fit testing machines (6 units)						
Council of State & Territorial Epidem. annual conference						
Total 2016 UASI Grant Funds Allocated		**$2,658,955.00**				

FY2016 UASI Project Tally		Approved	Remaining
Available Funds	**$2,658,955**	**$2,658,955**	**$0**
Law Enforcement Set Aside	**$740,500**	**$876,785**	**$0**
FY2016 Submitted Project Proposals	**Req. Amount**	**Approved**	**Comment**
Communications	***$1,324,016***	***$370,000***	
STARRS / MOSWIN Microwave Expansion	$377,000	**$200,000**	**MW only**
Microwave Network Cybersecurity	$150,000	**$150,000**	
TICP / TICFOG Printing	$20,000	**$20,000**	
Communications Unit Position Training	$56,000		
"25 Cities" Upgrade / Replacement	$721,016		
Emergency Management	***$633,512***	***$210,312***	
IST Trailer Equipment	$4,000		
Tactical / Incident Response Software	$20,000		
Sandbagging System - Monroe County	$90,312	**$90,312**	
Sandbagging System - St. Clair County	$29,200		
Video Downlink Antenna (City of St. Louis)	$115,000		
Video Conferencing System	$200,000		
WebEOC Sustainment and Enhancement	$125,000	**$100,000**	**$25k washout**
IST Training (Position Specific & AHIMT Courses)	$50,000	**$20,000**	
EMS	***$1,067,128***	***$65,000***	
CONTOMS Training	$45,000	**$45,000**	
Deployable Radio Kits (2 kits of 6 radios)	$50,000		
Cyanokits	$135,136	**$20,000**	
Tactical EMS Medical Equipment and Supplies	$68,201		
ADLS & BDLS Training	$42,000		
Mobile Routers (60 Units)	$155,400		
Bus to Ambulance Conversion Kits (2)	$51,750		
Infection Control Officer; Blood Bourne Pathogen Training	$17,000		
Ambulance Strike Team Leader Training	$14,500		
Active Shooter MCI Exercise	$9,775		
Modular Triage Tent System with Trailer (3 Units)	$375,000		
Tactical EMS Vehicle and Radios	$103,366		
Fusion Center TEW	***$655,580***	***$394,480***	
Fusion Center Personnel	$319,480	**$319,480**	
Fusion Center Subscriptions, Tools, and Services	$156,100	**$35,000**	
Fusion Center Training Program	$180,000	**$40,000**	**see T&E train**
HazMat	***$374,000***	***$81,200***	
Gas/Vapor FTIR Identifiers w/training (2 units)	$140,000		
SCBA tanks (84) & SCBA ensembles (8)	$154,000	**$46,200**	
Monitoring Instrument Maintenance	$35,000	**$35,000**	
Hazmat Technician Training	$45,000		

FY2016 Submitted Project Proposals	Req. Amount	Approved	Comment
Law Enforcement	***$1,202,368***	***$364,805***	
SLMPD Mobile Camera/LPR/Gunshot Detection System	$125,000	**$125,000**	
St. Charles County PD Small platform tactical robots	$210,625	**$210,625**	
St. Louis County PD - Night Vision Equipment	$21,990		
Jefferson County Sheriff's Dept. Gas Masks (10 Units)	$11,500	**$11,500**	
Franklin County Sheriff's Dept. Tactical Headsets (20 Sets)	$17,680	**$17,680**	
SLMPD Bomb Team Tactical Bomb Vests	$64,000		
Franklin County Sheriff's Dept. Negotiator Phone	$26,490		
Metro Air Support Air Mapping Equipment	$586,028		
St. Louis County Forensic Lab Electron Microscope	$129,180		
St. Louis County PD Pole Camera	$9,875		
Public Health	***$133,450***	***$88,158***	
SPSS/GIS software update (with training)	$38,300	**$88,158**	**PH Committee decides division for projects**
Storage carts for notebook computers	$11,150		
Respirator Fit Testing Machines (6 Units)	$76,000		
Council of State and Territorial Epidemiologists Annual Conference Attendance	$8,000		
Regional Collaboration and Coordination	***$930,000***	***$930,000***	
Sustain STARRS staff (18 months)	$930,000	**$930,000**	
SLARCC	***$45,000***	***$0***	
CERT Backpacks and Manuals	$21,000		
CERT Training Equipment & Supplies	$4,000		
CERT Skills Refresher Training	$20,000		
Training and Exercise	***$185,000***	***$55,000***	
Regional Training Support	$100,000	**$40,000**	**combined with TEW Training**
Regional Exercise Support	$85,000	**$15,000**	
Urban Search and Rescue	***$667,750***	***$100,000***	
USAR Response Equipment Sustainment	$230,000	**$100,000**	
Technical Rescue Training	$130,000		
Flood response/rescue watercraft & equipment	$156,000		
Utility-Terrain Vehicles (UTVs) (5 Units)	$85,000		
Structural Specialist (FEMA Certified Engineers)	$9,000		
MSAT Satellite Phone Box Updates	$32,750		
VHF Repeater System	$25,000		

Proposals total	**$7,217,804**
FY 2014 Award	**$2,962,000**
M&A - (MO OHS & EWG)	**$303,045**
Available Funds	**$2,658,955**
Overage	**$4,558,849**

STARRS St. Louis Area Regional Response System

314.421.4220 MO
618.274.2750 IL
Fax 314.231.6120
starrs@stl-starrs.org
www.stl-starrs.org

Memo to: Board of Directors

From: Staff

Subject: Regional Security Expenditures

Date: March 15, 2016

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 these purchases totaling **$487,427**. Also attached is a summary description of all budgeted expenditures from the UASI grants (Attachment B).

1. Metro Air Support Unit

The St. Louis Metro Air Support Unit is comprised of members of the St. Louis County Police Department, St. Charles County Police Department, and St. Louis Metropolitan Police Department. The Unit currently operates with five Federal Aviation Administration (FAA) Commercial Helicopter pilots and one FAA Certified Flight Instructor. All pilots are required to undergo annual factory recurrence and quarterly training in rescue techniques and helicopter emergency procedures.

- **Night Vision Pilot Training –** Because of Federal Aviation Administration regulations, the Metro Air Support Unit is in need of obtaining training in operating aircraft while using Night Vision Goggles. Therefore, we are requesting approval to hire Night Flight Concepts, Inc. to provide training to the Unit's law enforcement pilots. The following four courses in Night Vision Pilot Training will be provided to the Metro Air Support Unit pilots:

  - Night Vision Initial Qualification Pilot/Tactical Officer Training
  - Night Vision Recurrent Pilot Training
  - Night Vision Instructor Pilot Training
  - Night Vision Optimization Airborne Law Enforcement Association License Training.

  Total costs for all four courses will not exceed **$53,645.**

- **Tactical Flight Officer and Inland Helicopter Rescue Training -** We are requesting approval to hire a contractor to provide the Tactical Flight Officer and Inland Helicopter Rescue training course. This three day course will enhance the Metro Air Support pilots abilities to perform basic inland and swiftwater/flood search and rescue missions and

operations. The course will include classroom and simulation programs, as well as practical exercises, and include the following:

- Aircraft load calculations
- Aircraft performance calculations
- Required equipment for inland water rescue
- Inland / water borne short haul operations
- Operations training for flight crew chief
- Advanced medical evacuation response
- Water rescue insertion/extraction techniques and training
- A practical search and rescue exercise

Total costs will not exceed **$13,900.**

2. <u>St. Louis Regional Fusion Center</u>

We are requesting approval to enter into a sub-grant award with St. Louis and St. Charles Counties, Missouri to fund the following two positions within the St. Louis Terrorism Fusion Center.

- **Critical Infrastructure (CI) Coordinator position -** The CI 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 Coordinator is to work with the 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 Department of Homeland Security (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 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 Coordinator in the St. Louis Terrorism Fusion Center. The total cost for salary and benefits for the Critical Infrastructure Coordinator position will not exceed **$144,000** for the period of July 1, 2016 through December 29, 2017.

- **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 **$105,000** for the period of August 1, 2016 through January 31, 2018.

- **St. Louis Mugshot Recognition Technology (SMRT) -** The St. Louis Regional Terrorism Fusion Center provides a service to law enforcement agencies called the St. Louis Mugshot Recognition Technology program. This program provides facial recognition services to the region's law enforcement agencies using a Facial Examiner Workstation at its offices in Clayton, Missouri. The Fusion Center provides access to the

SMRT program while their offices are manned Monday through Friday 8:00 a.m. to 4:30 p.m. Outside of these hours functions of the workstation are not accessible to the region.

We are requesting approval to purchase an additional Facial Examiner Workstation (FEW) to be placed at the St. Louis Metropolitan Police Department's Real Time Crime Center in downtown St. Louis. The Center currently receives law enforcement information requests that come into the Fusion Center after normal business hours. By placing a second workstation in the Real Time Crime Center offices, the region will have access to the St. Louis Mugshot Recognition Technology program around the clock. Total cost will not exceed **$17,500.**

3. **St. Louis Regional Metro Bomb Squad**

Current trends and threats regarding terror attacks nationally and internationally and events like Boston, Paris, and San Bernardino, as well intelligence information from the Department of Homeland Security have all highlighted the need for bomb squads to be able to mobilize quickly during dynamic events. Therefore, there is a need for the regional bomb technicians to update their out of date and obsolete bomb disposal equipment. Additionally, recent advancements with regard to Explosive Ordnance Disposal (EOD) techniques have resulted in new and improved Bomb protective suits.

- **Percussion-Actuated Nonelectric (PAN) Disrupter** – We are requesting approval to purchase six PAN Disrupters for the Metro Bomb Squad. This "water cannon" like device shots a stream of water at a suspected device rendering it safe. Total cost will not exceed **$33,810.**

- EOD Bomb Suit – We are requesting approval to purchase one EOD Bomb Suit for the Metro Bomb Squad. Total cost will not exceed **$25,862.**

3. **Public Health Training -** We are requesting approval to provide funding to send four local public health representatives to the 2016 Council of State and Territorial Epidemiologist Annual Conference in Anchorage, Alaska. The conference agenda includes various workshops and plenary sessions with leaders in the field of public health. There will also be breakout sessions and roundtable discussions in syndromic surveillance and epidemiology as well as best practices in a broad range of areas including infectious diseases, immunizations, environmental health, occupational health, chronic disease, injury control, and maternal and child health care. Total costs will not exceed **$14,386.**

4. **Urban Search and Rescue (USAR) Training -** The St. Louis Regional Heavy Rescue Task Force consists of five USAR teams equipped with specialized equipment needed to respond

to incidents involving collapsed buildings or victims trapped within a confined space. In order to maintain each team's operational status there is a need to offer continued training programs that provide the team members with the knowledge, skills and abilities to perform complex rescues in structural collapse, trench rescue, confined space and swift water rescues. Therefore, we are requesting approval to hire a vendor that will provide the following six courses to the region's fire agency technical rescue specialists:

- Confined Space Rescue Level I/II
- Trench Rescue Level I/II
- Swiftwater Rescue Refresher
- Train the Trainer Basic Rescue Skills
- Train the Trainer Advanced Rescue Skills
- Technician Train the Trainer Structural Collapse

Total costs will not exceed **$79,324.**

All of 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:

- allow the Executive Director to enter into a contract with Night Flight Concepts to provide Night Vision Pilot training in an amount not to exceed **$53,645;**

- allow the Executive Director to enter into a contract with S4 Risk Management, Inc to provide tactical Flight Officer Training and Inland Helicopter Rescue Training in an amount not to exceed **$13,900;**

- allow the Executive Director to enter into a sub-award agreement with St. Louis County for the costs associated with the Critical Infrastructure Coordinator position in an amount not to exceed **$144,000;**

- allow the Executive Director to enter into a sub-award agreement with St. Charles County, Missouri for the Intelligence Analyst position within the St. Louis Fusion Center in an amount not to exceed **$105,000;**

- for the purchase of a Facial Examiner Workstation consisting of computer desk top and software from SureScan Technology in an amount not to exceed **$17,500;**

- for the purchase of six PAN Disrupters from Concept Development Corporation in an amount not to exceed **$33,810;**

- for the purchase of one EOD Bomb Suit from Med-Eng, LLC in an amount not to exceed **$25,862;**

- to reimburse the St. Louis County, Missouri Department of Public Health a total of $10,789 and the Jefferson County Department of Health a total of $3,597 for the costs associated with sending their epidemiologists to the Council of State and Territorial Epidemiologists conference in Anchorage, Alaska in an amount not to exceed**; $14,386;** and,

- allow the Executive Director to enter into a contract with Spec Rescue International to provide six courses in Urban Search and Rescue Training in an amount not to exceed **$79,324,**

for a total amount not to exceed **$487,427** from the UASI grant program.

ATTACHMENT A

Expenditures for Equipment and Services
March 11, 2016

Vendor	Description	Jurisdiction/Agency	Quantity	Cost
Emergency Response Training (UASI)				
Night Flight Concepts (Bedford, TX)	Night Vision Pilot Training	St. Louis County, St. Charles County, St. Louis City	4	$53,645
S4 Risk Management, Inc. (Misenheimer, NC)	Tactical Flight Officer & Inland Helicopter Rescue Training	St. Louis County, St. Charles County, St. Louis City	1	$13,900
Spec.Rescue International (Virginia Beach, VA)	Urban Search and Rescue Training	Regional	6	$79,324
Emergency Response Planning (UASI)				
St. Louis County	Critical Infrastructure Coordinator position	St. Louis County	1	$144,000
St. Charles County	Intelligence Analyst position	St. Charles County	1	$105,000
Emergency Response Equipment (UASI)				
Surescan Technology (Jefferson City, MO)	Facial examiner workstation	St. Louis City	1	$17,500
Concept Development Corporation (Fountain Hills, AZ)	Pan disruptors	Regional	6	$33,810
Med-Eng, LLC (Ottawa, Canada)	EOD bomb suit	St. Louis City	1	$25,862
St. Louis County Health Department	Conference reimbursement - Council of State and Territorial Epidemiologists	St. Louis County	3	$10,789
Jefferson County Health Department	Conference reimbursement - Council of State and Territorial Epidemiologists	Jefferson County	1	$3,597
			TOTAL EXPENDITURES	**$487,427**

Total UASI Expenditures: $487,427

ATTACHMENT B
Cumulative Budgeted Expenditures for Major Projects under Urban Areas Security Initiative through Fiscal Year 2014

		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.	Hazmat / HR	$17,993,651	$17,978,036	$0	$15,615
	Mass Casualty	1,152,980	961,651	0	191,329
	Incident Management Teams	2,265,000	2,120,282	0	144,718
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.	Misc equipment:	8,418,546	7,948,416	59,672	410,458
	Tactical vehicles:	4,514,819	4,514,819	0	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.	Radios, phones, video conf. etc:	8,618,026	8,579,774	0	38,252
	Microwave system:	8,988,047	8,988,047	0	0
	Radio Plan:	674,300	674,300	0	$0
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.		5,278,534	5,278,534	0	0

ATTACHMENT B
Cumulative Budgeted Expenditures for Major Projects under Urban Areas Security Initiative through Fiscal Year 2014

	Total Budgeted	Prior amount approved by EWG Board	This request	Remaining to be approved
Emergency Patient Tracking	$2,422,320	$2,422,320	$0	$0
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.				
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.	2,763,881	2,697,454	0	66,427
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.	2,249,599	2,107,999	0	141,600
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.	$2,346,808	$2,157,808	$0	$189,000

ATTACHMENT B
Cumulative Budgeted Expenditures for Major Projects under Urban Areas Security Initiative through Fiscal Year 2014

	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.	$ 3,133,852	$2,664,000	$266,500	$203,352
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.	2,662,666	2,632,666	0	30,000
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 a mass casualty incident and will involve regional hospitals, public health, fire and law enforcement agencies.	386,500	371,500	0	15,000
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.	3,875,608	3,706,663	161,255	7,690
Totals:	$79,327,000	[1] $77,386,132	$487,427	$1,453,441

[1] This total represents the sum of UASI funds awarded for equipment and contractual obligations for fiscal years 2003 - 2015. 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.

STARRS St. Louis Area Regional Response System

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618.274.2750 IL
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www.stl-starrs.org

Memo to: Board of Directors

From: Staff

Subject: Nomination of Sub-Committee Appointments

Date: March 15, 2016

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

St. Louis Area Regional Coalition of COADS

Vaisvil, Cathy, Community Partnership Manager, United Way 2-1-1 - Cathy Vaisvil is the Community Partnerships Manager at the United Way of Greater St. Louis. As a lead in the Community Response Department, she is responsible for external partnerships and direct service initiatives for United Way 2-1-1, case management, 2-1-1 Disaster Response and more. Cathy has been with the United Way for 14 years, serving in various roles from Human Resources, Information and Referral, and now Community Response. Cathy is a repeat presenter and expert on taxonomy for the Alliance of Information and Referral Systems. She is also a Certified Resource Specialist and has a Bachelor's in Social Work.

Request for Removals/Resignations

The following committees want to remove the following individuals from their committee rosters:

Emergency Management:

- Paul Tipton, Monroe County EMA
- Kyle West, St. Louis City Metropolitan Police Department

Law Enforcement:

- Kyle West, St. Louis City Metropolitan Police Department

Staff Recommendation: Staff recommends that the Board of Directors approve the Nominating Committee recommendations.