

Investment #11

Investment Information - Investment #11

Investment Name: Metropolitan Medical Response System (MMRS) - Dedicated

Investment Phase: Ongoing

Multi-Applicant Investment: No

I. Overview - Investment #11

If the Investment is ongoing, identify up to three Investment(s) from prior year(s) to include:(FY 2007 - FY 2010)

Note: Applicants may select up to **three** Investments. Within the GRT, applicants will *only* have the ability to select previously funded Investments from a drop-down menu.

Year	Investment Name	HSGP Funding Amount
2010	Metropolitan Medical Response System	\$317,419.00
2008	Metropolitan Medical Response System	\$496,221.00
2009	Metropolitan Medical Response System	\$321,221.00

I.C. - Funding Program

Designation	Program	Funding Amount
Primary:	MMRS	\$267,608
Secondary:	No Secondary Source	

* I.D. - Capabilities Building

Maintaining existing capabilities.

I.E. - Investment description

Provide a description of this Investment, including the planning, organization, equipment, training, and/or exercises that will be involved. (2,500 char. max)

The goal of MMRS is to coordinate regional stakeholders & strengthen response capabilities based on threats, risk, & consequences. This IJ addresses gaps that exist in medical surge & mass prophylaxis capabilities, emergency triage & pre-hospital treatment, & regional collaboration. This will be achieved by developing plans, conducting training & exercises, & acquiring pharmaceuticals & personal protective equipment, to achieve the enhanced capability necessary to respond to a mass casualty incident caused by a natural, technical, or intentional event. This IJ supports the National Priorities identified in section IVB & the MMRS Target Capabilities in section IIIC. It supports the Nevada (NV) Commission on Homeland Security's goals of Enhancing Medical Preparedness & Response Capabilities & Ensuring the Dissemination & Sharing of Information. It is aligned with the NV State Homeland Security Strategy goals of strengthening communications interoperability; improving NV's capabilities to detect, identify, & report radiological & nuclear materials present in unauthorized locations; & develop a regional network for collection, sharing, & analysis of surveillance & intelligence information. This is achieved through the continued use of the FirstWatch Early-Warning Syndromic Surveillance System. It also serves to develop, review, update, &/or finalize state, regional, & local emergency operations plans through the continued use of established regional working groups. It focuses primarily on purchasing equipment to sustain current capabilities. Proposed equipment purchases are allowable expenses according to the MMRS specific AEL & consist of equipment from Cat4 (Info Technology) and Cat9 (Medical). The purchase of equipment & the continued training & exercises conducted with NV's first responders & support agencies will significantly strengthen regional response capabilities. It also aligns with the Las Vegas Urban Area Security Strategy goals of developing, implementing, & validating plans, programs, & processes that ensure public health & safety of residents, visitors & responders; promote regional collaboration; identify existing capabilities & resource gaps in response to a medical surge & mass prophylaxis incident; & ensure public health & safety of residents, visitors, & responders. Achieved through intense collaborative efforts with regional stakeholders including: fire, EMS, medical, public health, emergency management, law enforcement, & coroner.

II. Baseline - Investment #11

II.A. - Goals and Objectives

Identify the goals and objectives in your State and/or Urban Area Homeland Security Strategy Supported by this Investment. (1,500 char. max)

SHSS Goals: Develop an intrastate, interstate & regional network for collection, sharing, & analysis of surveillance & intelligence info; Communications Interoperability; Develop, review, update, &/or finalize state & local emergency operations plans, continuity of govt. plans, continuity of operations plans & terrorism annexes; Develop, review, update &/or finalize interstate/intrastate mutual aid agreements & regional plans; Equip & train NV's first responders & support agencies; Improve NV's capabilities to detect, identify, & report radiological & nuclear materials present in unauthorized locations; & Develop, review, update &/or finalize emergency plans for coordination of medical facility emergency care. UASS Goals: Develop, implement & validate plans, programs, & processes that ensure public health & safety of residents, visitors & responders; Develop, implement, & validate plans & programs that promote regional collaboration; Identify & implement mechanisms for information sharing & collaboration activities among organizations; Identify & implement mechanisms for sharing resources & ensuring interoperability among organizations; Develop, implement, & validate plans, programs, & processes that ensure public health & safety of residents, visitors, & responders; & Develop, implement & validate plans, programs, & processes that identify existing capabilities & resource gaps in response to a medical surge & mass prophylaxis incident.

II.B. - Existing capability levels

Describe existing capability levels that address the identified goals/objectives and what will be in place to support the investment prior to the use of FY 2011 funds. (1,500 char. max)

Since its establishment in Las Vegas (LV) in 2000, MMRS has been committed to ensuring first responders are prepared to respond to & provide care during a medical surge or mass casualty incident. The LV MMRS investment justification will build on previous years' investments & will strengthen response capabilities by continuing to focus on planning, organizing, equipping, training & conducting exercises. Since the program's inception, LV MMRS has been able to purchase pharmaceuticals like Mark I Nerve Agent Kits, Valium, Cipro, Doxy, Cyanokits, & Tamiflu; equipment including: wet/dry decontamination systems, portable ventilators, MCI kits, & MCI Trailers; & invest in communications & information sharing systems including the EMSsystem, All-Hospital Radio Channel, & FirstWatch Syndromic Surveillance System. The program has also conducted NIMS/ICS, WMD, & radiological response training, as well as HSEEP compliant full-scale, functional, & tabletop exercises. These acquisitions, in conjunction with the training & exercises, have provided a strong foundation with regard to regional collaboration & emergency plan alignment; early incident identification, notification, & information sharing; & first responder response capabilities within the region. This year's IJ seeks primarily to maintain current capabilities by supplementing diminished &/or expired equipment & pharmaceuticals within our cache. It also serves to ensure continued training, exercises, & plan updating & coordinating.

II.C. - Capability gap(s)

Explain the capability gap(s) that this Investment is intended to address. (1,500 char. max)

A risk assessment identified gaps which MMRS addressed. The program has been recognized as a regional success & a national model when it comes to developing medical response capabilities. This project specifically addresses several capabilities gaps which have been identified. While not major gaps, they still require funding to address in order to maintain & sustain the capabilities of the program. One of the programs capability cornerstones is the use of the FirstWatch Early Warning Syndromic Surveillance System to quickly detect an MCI, medical surge, or CBRNE event, & notify first responders & receivers of a situation. New ventilators, maintenance of existing ventilators, strengthened Carboxyhemoglobin (SpCO) detection capabilities, & DuoDote Nerve Agent Kits, replacements for a soon to be expired cache of Mark I Nerve Agents, also need to be purchased. This program, while initially first responder specific, has been integrated into the community through collaboration with the Citizen Corps & Medical Reserve Corps, through partnerships with private sector orgs like NVEnergy & Boyd Gaming, & through community events like the Save-A-Live program, an annual event in which citizens are taught h&s-only CPR. It is during these community based events the program is able to reach out to the public & inform them of the risks their community faces, what the public safety professionals are doing to mitigate those risks, & what they can do themselves to be better prepared.

Target Capability 1: CBRNE Detection
Target Capability 2: Communications
Target Capability 3: Emergency Triage and Pre-Hospital Treatment
Target Capability 4: Information Gathering and Recognition of Indicators and Warnings

Target Capability 5: Intelligence and Information Sharing and Dissemination
Target Capability 6: Medical Surge
Target Capability 7: Planning

III. Project Management - Investment #11

I.C. - Funding Program

Designation	Program	Funding Amount
Primary:	MMRS	\$267,608
Secondary:	No Secondary Source	

* IV.B. - Fusion Center:

No

If applicable, how much of this Investment will be obligated towards Law Enforcement Terrorism Prevention Activities (LETPA): \$0

Target Capability	Amount of Proposed Funding	Percent of Proposed Funding
CBRNE Detection	\$10,000	3.74%
Communications	\$5,000	1.87%
Emergency Triage and Pre-Hospital Treatment	\$56,449	21.09%
Information Gathering and Recognition of Indicators and Warnings	\$10,000	3.74%
Intelligence and Information Sharing and Dissemination	\$10,000	3.74%
Medical Surge	\$32,159	12.02%
Planning	\$144,000	53.81%
Total	\$267,608	100%

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning	\$149,000	55.7%
Organization		
Equipment	\$113,608	42.5%
Training		
Exercises	\$5,000	1.9%
Total	\$267,608	100%

#	Name	Description	Step	Start	End	Funding Amount
1	Metropolitan Medical Reserve System	Strengthen response capabilities	Planning	01/2012	01/2013	\$267,608

V.A - Outcomes to be achieved

Describe the outcomes that will be achieved as a result of this Investment. The outcomes should demonstrate improvement towards building capabilities described in Baseline tab. (1,500 char max)

Outcomes of this IJ include: Continued regional collaboration, information sharing & communications interoperability through the continued use of the EMSsystem, All Hospital Radio Channel & FirstWatch. Strengthened capabilities to detect, identify & report radiological & nuclear materials through continued use of FirstWatch. Strengthened emergency response plan coordination through collaborative planning efforts via established working groups. Sustained ventilation capabilities, sustained nerve agent response capabilities & strengthened Carboxyhemoglobin (SpCO) detection capabilities with the purchase of ventilators, DuoDote Kits & Rad 57 Monitors. Continued NIMS/ICS, WMD & IMT training for NV's first responders & support agencies, initiated, coordinated &/or taught by the MMRS Coordinator. Strengthened community preparedness via coordination with Citizen Corps & Medical Reserve Corps & community events like Save-A-Life. The outcomes of this IJ will help bridge capabilities gaps that currently exist within the community. This program has demonstrated the ability to deliver results when it comes to strengthening regional response capabilities. It continues to be the only program in the region that supports local capabilities in the critical hours after an incident & before federal assistance can arrive. It is the only program specifically tasked with achieving & maintaining long-term continuity when it comes to the medical response to a MCI or medical surge incident in S NV.

National Priority 1: Expand Regional Collaboration
National Priority 2: Strengthen Information Sharing and Collaboration Capabilities
National Priority 3: Strengthen CBRNE Detection, Response, & Decontamination Capabilities
National Priority 4: Strengthen Medical Surge and Mass Prophylaxis Capabilities

Investment #10

Investment Information - Investment #10

Investment Name: Metropolitan Medical Response System (MMRS) - UASI

Investment Phase: Ongoing

Multi-Applicant Investment: No

I. Overview - Investment #10

If the Investment is ongoing, identify up to three Investment(s) from prior year(s) to include:(FY 2007 - FY 2010)

Note: Applicants may select up to **three** Investments. Within the GRT, applicants will *only* have the ability to select previously funded Investments from a drop-down menu.

Year	Investment Name	HSGP Funding Amount
2007	Medical Surge Capacity	\$276,015.00
2008	Strengthen Medical Surge & Mass Fatality Capabilities	\$306,124.00

I.C. - Funding Program

Designation	Program	Funding Amount
Primary:	UASI	\$37,551
Secondary:	No Secondary Source	

* I.D. - Capabilities Building

Maintaining existing capabilities.

I.E. - Investment description

Provide a description of this Investment, including the planning, organization, equipment, training, and/or exercises that will be involved. (2,500 char. max)

The overarching goal of the MMRS program is to coordinate regional stakeholders and strengthen response capabilities based on threats, risk, and consequences. The purpose of this investment justification is to utilize UASI funds to address the gap that currently exists in medical surge and emergency pre-hospital treatment capabilities. This will be achieved by acquiring DuoDote nerve agent antidote kits to ensure the enhanced capability necessary to respond to a terrorist attack using a nerve agent. This investment justification supports the National Priority of Strengthening Medical Surge and Mass Prophylaxis Capabilities and the MMRS Target Capabilities of Medical Surge and Emergency Triage and Pre-Hospital Treatment. It supports the Nevada Commission on Homeland Security's goal of Enhancing Medical Preparedness and Response Capabilities. It is in alignment with the Nevada State Homeland Security Strategy goal of equipping and training Nevada's first responders and support agencies. It is also in alignment with the Las Vegas Urban Area Security Strategy goals of identifying existing capabilities and resource gaps in response to a medical surge and mass prophylaxis incident and ensuring the public health and safety of residents, visitors, and responders. The proposed equipment purchase is an allowable expense according to the MMRS specific Authorized Equipment List and consists of a pharmaceutical from Category 9 (Medical). The purchase of the DuoDote Kits will significantly strengthen regional response capabilities to a nerve agent attack and will drastically improve the mortality rate among public safety professionals who respond; including but not limited to personnel from fire, EMS, medical, public health, emergency management, law enforcement, and the coroner.

II. Baseline - Investment #10

II.A. - Goals and Objectives

Identify the goals and objectives in your State and/or Urban Area Homeland Security Strategy Supported by this Investment. (1,500 char. max)

SHSS Goal: Equip and train Nevada's first responders and support agencies;

UASS Goals: Develop, implement and validate plans, programs, and processes that ensure public health and safety of residents, visitors and responders; Develop, implement and validate plans, programs, and processes that identify existing capabilities and resource gaps in response to a medical surge and mass prophylaxis incident.

II.B. - Existing capability levels

Describe existing capability levels that address the identified goals/objectives and what will be in place to support the investment prior to the use of FY 2011 funds. (1,500 char. max)

Since its establishment in Las Vegas in 2000, MMRS has been committed to ensuring that first responders are prepared to respond to and provide care during a medical surge or mass casualty incident caused by a terrorist attack. The LV MMRS IJ will build on previous years' investments and will strengthen response capabilities by focusing on appropriately equipping first responders. Since the program's inception, LV MMRS has been able to purchase pharmaceuticals like Mark I Nerve Agent Kits, Valium, Cipro, Doxy, Cyanokits, and Tamiflu; equipment including but not limited to wet and dry decontamination systems, portable ventilators, MCI kits, and MCI Trailers; and invest in communications and information sharing systems including the EMSsystem, the All-Hospital Radio Channel, and the FirstWatch Syndromic Surveillance System. The program has also conducted NIMS/ICS, WMD, and radiological response training, as well as several HSEEP compliant full-scale, functional, and tabletop exercises. In totality, these acquisitions, in conjunction with the training and exercises, have provided a strong foundation with regard to regional collaboration and emergency plan alignment; early incident identification, notification, and information sharing; and first responder response capabilities within the region. With an already established program, this IJ seeks solely to maintain current nerve agent response capabilities by purchasing the newly developed DuoDote Kits.

II.C. - Capability gap(s)

Explain the capability gap(s) that this Investment is intended to address. (1,500 char. max)

A thorough risk assessment identified capabilities gaps which the MMRS program was able to address in part or in whole. The program has been recognized as a regional success and a national model when it comes to developing medical response capabilities. This project specifically addresses the nerve agent response capability gap that will be created with the expiration of the regional cache of Mark I Nerve Agent Antidote Kits. This program, while initially first responder specific, has been integrated into the community through collaboration with the Citizen Corps and Medical Reserve Corps Programs, through partnerships with private sector organizations like NVEnergy and Boyd Gaming, and through community events like the Save-A-Live program, an annual event in which citizens are taught hands-only CPR. It is during these community based events that the program is able to reach out to the public and inform them of the risks their community faces, what the public safety professionals are doing to mitigate those risks, and what they can do themselves to be better prepared.

Target Capability 1: Emergency Triage and Pre-Hospital Treatment

Target Capability 2: Medical Surge

III. Project Management - Investment #10

I.C. - Funding Program

Designation	Program	Funding Amount
Primary:	UASI	\$37,551
Secondary:	No Secondary Source	

*** IV.B. - Fusion Center:**

No

If applicable, how much of this Investment will be obligated towards Law Enforcement Terrorism Prevention Activities (LETPA): \$0

Target Capability	Amount of Proposed Funding	Percent of Proposed Funding
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Emergency Triage and Pre-Hospital Treatment	\$18,776	50%
Medical Surge	\$18,775	50%
Total	\$37,551	100%

Solution Area	Amount of Proposed Funding	Percent of Proposed Funding
Planning		
Organization		
Equipment	\$37,551	100%
Training		
Exercises		
Total	\$37,551	100%

#	Name	Description	Step	Start	End	Funding Amount
1	Metropolitan Medical Response System - UASI	Purchase nerve agent response capabilities.	Execution	01/2012	01/2013	\$37,551

V.A - Outcomes to be achieved

Describe the outcomes that will be achieved as a result of this Investment. The outcomes should demonstrate improvement towards building capabilities described in Baseline tab. (1,500 char max)

The outcome of this investment justification is the sustainment of Southern Nevada's first responder nerve agent response capability. This program has demonstrated the ability to deliver results when it comes to strengthening regional response capabilities. It continues to be the only program in the region that supports local capabilities in the critical hours after an incident and before federal assistance and the strategic national stockpile can arrive. Moreover, it is the only program specifically tasked with achieving and maintaining long-term, multijurisdictional, multidisciplinary, continuity when it comes to the medical response to a terrorist attack, MCI, or medical surge nerve agent incident in Southern Nevada.

National Priority 1: Strengthen Medical Surge and Mass Prophylaxis Capabilities