

Bay Area Mass Prophylaxis Regional Exercise Project Proposal
UASI FY2013

I. Proposer Name, Agency, and Contact Information

Bay Area Mass Prophylaxis Working Group (BAMPWG)
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II. Project Goal

The goal of this project is to successfully complete a federally required Bay Area regional functional exercise, which will test regional mass prophylaxis response based on a bioterrorism scenario. This project will build on the success of and lessons learned from the SUASI-funded three-day mass prophylaxis response regional exercise held in 2009 (supported in full through SUASI FY07 funding). This project will exercise the following National Planning Scenario and Target Capabilities:

National Planning Scenario 2: Aerosol Anthrax

Target Capabilities:

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| • Emergency Operations Center Management | Respond Mission Area |
| • Emergency Public Information and Warning | Respond Mission Area |
| • Intelligence and Information Sharing and Dissemination | Common Target Capability |
| • Mass Prophylaxis | Respond Mission Area |
| • Medical Supplies Management and Distribution | Respond Mission Area |
| • Volunteer management and Donations | Respond Mission Area |

III. Project Description

Background: Since 2004, the Bay Area counties in the UASI footprint have been preparing for a worst-case bioterrorism scenario of a widespread anthrax release requiring antibiotics to be dispensed to the entire population of over 7 million people within 48 hours. The Bay Area Mass Prophylaxis Working Group (BAMPWG) has coordinated mass prophylaxis response at the Operational Area level and done regional collaboration and planning.

BAMPWG has successfully completed regional projects to increase the overall capacity of the Bay Area to respond to large scale medical/ health disaster and mass prophylaxis. In 2009, with the support of SUASI, we conducted a three-day regional exercise with the following major components:

1. Virtual Public Information Officer (PIO) exercise where PIOs from the region developed joint messaging for the region.
2. Functional Point of Dispensing (POD) exercise at the Oakland Coliseum testing two POD models simultaneously.
3. Warehouse exercise where material movement and tracking were tested.

Based on After Action Reviews from this exercise, BAMPWG developed and launched a website where the public can self screen for the appropriate medication they should receive and watch training videos on POD operations.

In April 2012, the BAMPWG counties participated in the BioWatch Regional Exercise that identified several key areas requiring attention. These After Action Review recommendations form the basis for this exercise project.

Regional Emergency Operations Center Management

- Use the Association of Bay Area Health Officials (ABAHO) to develop a Multi Agency Coordination (MAC) group coordinate regional response to a bioterrorism event such as an Anthrax release.
- Identify key stakeholders for the MAC.
- Need for a mechanism to document MAC decisions and declare public health emergencies.

Intelligence and Information Sharing and Dissemination

- Define additional required attendees at regional conference call for information dissemination (e.g., Health and Human Services, Assistant Secretary Preparedness and Response (HHS ASPR), Regional Disaster Medical and Health Coordinator (RDMHC)).
- Develop procedures to ensure information dissemination to all Operational Areas after decision making.

Emergency Public Information and Warning

- Commit personnel and resources to develop and conduct a regional risk communications exercise.
- Achieve a high level of regional public messaging consistency. In the Bay Area, where media markets are shared and the population is fluid (living in one county, working in another, for example) it is important that dispensing practices and public messages regarding mass prophylaxis remain consistent.
- Develop common standards and protocols for public messaging for all individual counties.

Requirement: The Centers for Disease Control and Prevention **requires** all Cities Readiness Initiative (CRI) jurisdictions to conduct one **regional** full scale exercise with their Metropolitan Statistical Area during the 2011-2016 Public Health Emergency Preparedness (PHEP) cooperative agreement. Our exercise must include all pertinent jurisdictional leadership and Emergency Support Function (ESF) leads, and planning and operational staff. Further, we must plan and implement exercise development in accordance with HSEEP principles and standards, and include participation from representative staff from all the local planning jurisdictions during the exercise planning and development cycle. We must submit relevant performance metrics (observed data) for select performance measures. This mass prophylaxis exercise's purpose is to test regional capabilities to respond a bioterrorism event.

Exercise: BAMPWG proposes to conduct a Bay Area regional full scale exercise that will test several core PHEP capabilities and address several UASI Goals. At a regional level the exercise will test the MAC group's incident response and decision-making protocols. Multiple jurisdictions will activate and operate at least one POD. Some jurisdictions may also exercise their receiving, staging, and storing (RSS) warehouse capabilities. Regional public information message development and dissemination will also be tested in this exercise. All BAMPWG counties, which cover the same areas as the Bay Area UASI program with the exception of Monterey County, are expected to participate in this exercise. (BAMPWG would welcome interest from Monterey County to participate.)

An exercise of this scale and complexity requires intensive coordination and planning, including development of an exercise scenario that tests all the required and desired capabilities, and the coordination of all logistics of the actual full scale exercise, evaluating the exercise in multiple locations and producing the necessary post-exercise documents. Despite the regional work and products that BAMPWG has done in the past several years, it does not receive any separate funding. Counties participate in regional preparedness work and projects through in-kind contributions from their respective preparedness grants. Approximately half of BAMPWG counties are CRI counties who are not receiving additional CRI allocations or have seen reductions in their allocations, but must complete this

new regional full scale exercise requirement. Those non-CRI participating counties are doing so without any additional support. However, BAMPWG had decided to conduct this exercise as a regional exercise because by its very nature, anthrax bioterrorism response in the Bay Area must be a regional response.

In 2009, BAMPWG conducted the first multi-day regional anthrax bioterrorism exercise with the support of SUASI due to the lack of funding and we are requesting Bay Area UASI support in funding this follow up regional bioterrorism exercise. We are requesting \$150,000 to hire a contractor, with both FEMA *Master Exercise Practitioner* and HSEEP *Certified Exercise Planner/Controller* certifications, to assist the BAMPWG to plan, conduct, and evaluate this regional exercise and assist in providing exercise conferences, materials, and supplies. The PHEP capabilities clearly align with the current NIMS capabilities and support UASI goals.

IV. Relevant UASI Goals:

The Bay Area Mass Prophylaxis Regional Full Scale Exercise addresses several UASI goals, including the following:

Goal 3: Strengthen Communications Capability

The full scale exercise will test interoperable communication systems and capabilities within and across jurisdictions. Jurisdictions will test communication capabilities within PODs, between PODs and DOCs/EOCs within jurisdictions and between DOCs/EOCs across the region. Multiple communications modalities will be tested (radios, phone, alert systems) as the choice of communication for each component of the exercise will differ depending on the information and communication needs. This will allow jurisdictions to strengthen communication capabilities across multiple systems.

Goal 4: Strengthen CBRNE Detection, Response and Decontamination Capabilities

The project will augment current Bay Area abilities to detect and respond to biological events by testing the use of ICS/NIMS at the regional level. In addition, exercise injects will test regional decision making and resource prioritization in response to a biological incident. Beyond exercising regional decision making and POD operations, some counties will exercise their RSS warehouse which will increase the Bay Area's overall capability to respond to biological events.

Goal 5: Enhance Medical, Public Health and Mass Care Preparedness

The full scale exercise will test OA and regional countermeasure plans, the emergency public information and warning plans, and other emergency preparedness plans. Medical countermeasure distribution and dispensing can serve as a model for distribution and dispensing of other resources in response to public health disasters. The exercise will also test developed pre-incident public messaging templates for the Bay Area and capability of incident response public messaging and coordination of message dissemination to the entire Bay Area, thus addressing the regional public information gap of formal pre-incident regional coordination of EPI&W activities as identified in the EPI&W strategic plan. These systems will then enhance overall medical and public health preparedness regionally.

Goal 6: Strengthen Emergency Planning and Citizen Preparedness Capabilities

In addition to testing regional messaging and dissemination, regional EOC coordination, and communication capabilities will be a key objective including regional resource requesting and sharing protocols. For this large full scale exercise, staff and mock patients will be drawn from volunteers and the communities, and participating jurisdictions will exercise their volunteer management plans including recruitment, notification, and training. This will increase overall citizen preparedness capabilities.

V. Key Milestones and Deliverables

BAMPWG has agreed to a timeline of completing the exercise by spring of 2014 to ensure that the full scale MSA exercise will be conducted within the grant required time frame. We understand that the grant project period has been reduced from three to two years, and have accounted for this in our work plan. This project will take approximately one year to complete depending on when contracts are finalized.

This project includes the following milestones and deliverables:

Milestone/Deliverable	Estimated Completion Time
Select and identify contractor	90 days after contract awarded
Finalize and sign contract	90 days after contract identified
Conduct planning meetings and finalize exercise objectives and requirements	30 days after contract is signed
Finalize exercise date and time	30 days after contract is signed
Final exercise documents including: Exercise Plan, Exercise Evaluation Guide, Situation Manual and other documents	90 days after exercise objectives and requirements set
Conduct full scale regional exercise with evaluation and hot wash	TBD within Spring 2014
Complete AAR/IP	30 days after exercise and prior to end of project

VI. Relevant Stakeholders

Counties of Napa, Sonoma, Marin, Alameda, San Francisco, San Mateo, Santa Cruz, Contra Costa, San Benito, Santa Clara, Solano and the City of Berkeley, Oakland and San Jose

VII. Project Beneficiaries

Local governments and local communities of the Bay Area Counties and cities.

VIII. Project Duration:

Estimated duration of the Bay Area Regional Exercise project will be one year depending on contracting process. However, all project activities will be concluded prior to the end of the UASI grant year.

IX. Budget summary

BAMPWG is proposing a \$150,000 overall budget for this project. \$100,000 will be allocated for planning to hire a contractor and \$50,000 will be allocated for exercise support such as production costs for exercise materials and facility rentals if needed and logistical support.

X. Budget Details (a) Describe and quantify sustainment costs vs. new project activities.

This project exercises improvements to regional bioterrorism preparedness and planning gaps that were identified from the 2009 SUASI funded exercise. This exercise will assist the region to sustain those capabilities as well as identify new gaps. The project includes \$100,000 for the exercise planner and \$50,000 for exercise materials (printing costs, food, etc) and logistical needs (facilities rental, etc).

XI. Budget Details (b) Describe and quantify personnel costs.

This project will utilize a contractor and does not have personnel costs.