SF Bay Area UASI Region
METRICS/DATA EXCHANGE Project
FY13 Project Proposal Summary

GOAL:

Expand current METRICS capabilities to develop a system to enable Public Safety First Responders to successfully locate and deploy regionally owned assets throughout the Bay Area.

UASI GOAL:

#1   Develop a Regional Risk Management and Planning Program

Objective   1.1   Planning

#4   Strengthen CBRNE Detection, Response, and Decontamination Capabilities

Objective   4.3   CBRNE Detection

Objective   4.7   On-Site Incident Management

5   Strengthen Medical, Public Health and Mass Care Preparedness

Objective   5.2   Medical Surge

Objective   5.7   Fatality Management

#7   Enhance Recovery Capabilities

Objective   7.4   Restoration of Lifelines

PROJECT DESCRIPTION:

This project will continue to build on and develop functionality to the current Bay Area UASI METRICS Resource Tracking Project including a basic inventory tool. This project will continue to locate and facilitate stakeholders with the inputting of Bay Area regional assets information with DHS typing definitions as well as those resources that are not currently typed. This project will enhance existing programs including PSAP, CAD to CAD and Web EOC by providing the ability to cross reference resources through links to the Metrics program. This project will enhance the effort to standardize, to the extent possible, the categories of resources most frequently utilized during acts of Terrorism as well as other catastrophic events.

KEY MILESTONES and DATES:

July 1, 2013:   Identify Public Safety Answering Points (PSAP), Dispatch Centers and contact persons within the UASI footprint.

Oct 1, 2013:   Determine best method for linking Metrics to PSAP and Dispatch Centers.

Jan 1, 2014:   Provide links to PSAP and Dispatch Centers

Apr 1, 2014:   Test and Exercise Systems

RELEVANT STAKEHOLDERS:

All UASI Stakeholders

PROJECT BENEFICIARIES:

Bay Area region planners, decision makers, communication centers and First Responders in all disciplines.

PROJECT DURATION:

All phases of this project will be complete by Jun 30, 2014. Future phases to ensure project outcome is operational may be identified in this project cycle.

PROJECT BUDGET SUMMARY:

This project will continue to build on and develop functionality to the current Bay Area UASI METRICS Resource Tracking Project including a basic inventory tool and building on Bay Area CAD to CAD and WebEOC capabilities to locate and deploy regional assets.   This project will continue to locate and facilitate stakeholders with the inputting of Bay Area regional assets information with DHS typing definitions as well as those resources that are not currently typed.

TOTAL PROJECT COST:	**$175K**
Project Cost:	$100K
Project Cost:	$75 additional for extra inventory detail and audit capabilities (i.e. inventory site visits, equipment pictures, audit details)

Detail A: (describe and quantify sustainment costs-sustaining prior investments-vs new project activity)
Development (40%)

- Develop a link for data portability and compatibility between Metrics application and ROSS, the upcoming RIMS replacement program from the State (Web EOC), and the Digital Sandbox applications.
- Develop administrative tools and capability to capture resources from Private sector.
- Develop front-end module for Private sector.
- Develop administrative user interface to flexibly organize and re-structure data hierarchy as displayed in the front end.
- Develop capabilities to be able to maintain a digital contact manager to include but not limited to Police, Fire and OA Chiefs directories.
- Incorporate analytics tools to monitor, record and display use patterns.
- Build smart reminder system for the existing users to be able to provide updates to assigned resources on regular intervals.

Enhancements (30%)

- Implement feature requests from beta / pilot users.

- Enhance the reporting tool to be more powerful and extensive for data mining, analytics, and discoverability of accessible resources.
- Enhance the indexing system to improve the application's search capability.
- Enhance the symbology module to give the administrators more control of symbology displayed on the map.
- Enhance the front end to by default show different jurisdictional boundaries based on map zoom level.

Support, Maintenance and Bug Fixes (30%)

- Continue to evaluate feedback from beta users and propose and implement solutions to address the feedback and suggestions.
- Continue to develop and provide training to new users.
- Ongoing documentation for both front end and admin users.
- Continuously update code to maintain and enhance security.
- Continuously update code to keep up with the latest LAMP (Linux, Apache, MySQL, PHP) standards.
- Update Google Maps interface to use the new 3.X version.
- Fix any bugs discovered during developer testing or reported by users.
- Provide continued web hosting for the application on a mirrored server with unrestricted bandwidth limits.

Detail B: (describe and quantify personnel costs)

This funding will allow for the current contract with G4Global TECH, Inc to continue to the end of the FY13 performance period. This will cover the cost for the Technical Director and all support staff.

G4GT

Apoorv Gehlot Technical Director (based in San Jose)

2048 Palace Way

Allen, Texas 75013

1 (207) 266-4966

agehlot@g4globaltech.com