

**BayRICS  
JOINT POWERS AUTHORITY  
BOARD OF DIRECTORS MEETING  
STAFF REPORT**

**MEETING DATE:**

**Thursday November 14, 2013**

**AGENDA ITEM:**

**Item 11 - STAFF REPORT: BAY AREA URBAN AREA SECURITY INITIATIVE  
(UASI) 2014 FUNDING REQUESTS**

**RECOMMENDATIONS:**

Staff recommends that the Board authorize the BayRICS General Manager to submit UASI 2014 grant requests to (1) continue funding for BayLoop maintenance and network monitoring; and (2) fund ongoing regional P25 network coordination currently being conducted by San Mateo County.

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**SUMMARY/DISCUSSION**

Staff, with the assistance of the Technical Advisory Committee (TAC) and the five regional P25 system operators, has prepared two requests for funding to Bay Area UASI for UASI 2014 grant cycle. These requests include:

| <b>Item</b> | <b>Description</b>  | <b>Duration</b>   | <b>Cost</b>      |
|-------------|---|---|------------------|
| 1           | BayLoop Extended Warranty, Maintenance and Network Monitoring | Jan. - Dec. 2015  | \$220,000        |
| 2           | P25 Network Regional Coordination Project                     | Ongoing, as-needed services as determined in consultation with Technical Advisory Committee (TAC) | \$100,000        |
|             | <b>TOTAL</b>  |   | <b>\$320,000</b> |

Staff recommends that the BayRICS Board approve these requests and authorize the General Manager to submit grant proposals the UASI. The requests must be submitted by 5:00 PM Friday November 15. The TAC, at its October 17 meeting, approved these requests and recommended Board approval.

The first request, \$220,000.00 for BayLoop maintenance and monitoring services would continue ongoing sustainment of BayLoop regional microwave network through December

2015. BayRICS has received UASI funding to maintain and monitor BayLoop under UASI 2012 (\$265,000) and 2013 (\$240,000) grant cycles.

The second request, \$100,000.00 for the P25 network regional coordination project, would support coordination of regional Project 25 (P25) voice communications projects for calendar year 2015. Through the leadership of BayRICS TAC, regional P25 coordination efforts will begin in 2014, with UASI 2013 funding contributed by Alameda County, Contra Costa County, San Mateo County, City and County of San Francisco and City of San Jose. This pooled funding has been awarded to San Mateo County to hire a contractor to manage and update the regional “fleetmap” channel allocation planning, develop standard procedures for inter-system roaming to support mutual aid, and begin high-level planning for future system interconnection. These coordination efforts are required to ensure that Bay Area’s regional P25 networks are fully optimized to support all the needs of Bay Area Public Safety.

However, current funding only supports this work through 2014, even though these tasks are ongoing and must continue for the foreseeable future. In addition, San Mateo County assumed responsibility for these tasks only on a temporary basis. The five regional P25 system operators have indicated that this work should eventually be transferred to BayRICS and its Technical Advisory Committee (TAC), as the appropriate body to oversee these regional efforts. P25 operators have expressed their support for this funding award. Having BayRICS assume these tasks aligns with the recommendations of the JPA’s Interoperable Voice Communications Assessment endorsed by BayRICS at its May 9, 2013 meeting (This report is available at <http://www.bayrics.net/bay-area-interoperable-communications-report.html>).

Draft project proposals for each request are attached.

## I. BayLoop Maintenance and Monitoring Services

### Project Description

BayLoop is a regional Microwave Radio System that benefits members of all four hubs and can potentially provide benefits to the entire UASI footprint. BayLoop circles the Bay Area connecting 18 radio sites located in eight counties. BayLoop provides the wide area connectivity to support regional Information Sharing, Broadband Data and Voice Systems throughout the Bay Area Region and beyond, and will serve as a key element of the BayWEB/FirstNet backhaul network as a distribution platform for other regional public safety data services.

BayLoop was funded from the UASI 06, 07 and 08 Grants to complete what was started with San Francisco UASI 05 funding. However, this funding did not cover extended warranty/maintenance services and NOC services. BayRICS Authority requested and received funding for 12-month Maintenance and Sustainment funding from both UASI 12 and UASI 13, however, this funding will cover network maintenance and monitoring costs only through December 2014.

Additional funding of \$220,000 is required to extend these services an additional 12 months, through December 2015.

### Key Milestones and Deliverables

|   |  |            |            |
|---|--|------------|------------|
| 1 | Sole Source Approval   | 01/01/2015 | 1/31/2015  |
| 2 | Negotiate New Agreement  | 01/31/2015 | 2/28/2015  |
| 3 | Administer maintenance agreements and NOC services                     | 02/28/2015 | 12/31/2015 |
| 4 | Provide regular reports to BayLoop jurisdictions and BayRICS Authority | 01/01/2015 | 12/31/2015 |

### Project Duration

January 1, 2015 – December 31, 2015

### Project Budget Summary

|    |  |           |
|----|--|-----------|
| 1A | BayLoop Maintenance (Extended Warranty, Corrective and Preventive) | \$126,000 |
| 1B | BayLoop Network Monitoring Service                                 | \$80,000  |
| 1C | Contract Administration Costs                                      | 14,000    |
| 1D | TOTAL  | 220,000   |

## II. P25 Network Regional Coordination Project Description

### Project Description

The Bay Area UASI has awarded significant funding to enhance interoperable communications by deploying Project 25 (P25) voice communications systems. These systems are being implemented as five distinct networks to serve sub-regions of the Bay Area, with all systems designed to be fully interoperable to support inter-system mutual aid capabilities. However, this inter-system interoperability requires regional coordination to ensure efficient allocation of channel capacity, as well as swift and effective mutual aid response.

Planning and organization of P25 regional coordination efforts will begin in 2014, through UASI 2013 funding contributed by Alameda County, Contra Costa County, San Mateo County, City and County of San Francisco and City of San Jose. This pooled funding has been awarded to San Mateo County to hire a technical consultant to manage and update the regional “fleetmap” channel allocation plan, develop standard procedures for inter-system roaming to support mutual aid, and begin high-level planning for future system interconnection. However, this funding only supports work through year-end 2014, even though these tasks are ongoing and must continue for the foreseeable future. In addition, San Mateo County assumed responsibility for these tasks only on a temporary basis. The sub-system operators have indicated that this work should be transferred to BayRICS and its Technical Advisory Committee (TAC), as the appropriate entity to oversee these regional efforts.

Therefore, BayRICS requests regional funding of \$100,000 to retain technical consultants to continue the planning and organizational efforts began through the leadership of San Mateo County and others.

### Key Milestones and Deliverables

|   |  |            |            |
|---|--|------------|------------|
| 1 | Release RFP or RFQ   | 11/01/2014 | 12/31/2014 |
| 2 | Negotiate agreements with the selected vendor(s)                   | 01/01/2015 | 01/31/2015 |
| 3 | BayRICS Staff and TAC administer contracts with selected vendor(s) | 02/01/2015 | 12/31/2015 |
| 4 | Provide regular reports on progress to BayRICS and Bay Area UASI   | 01/01/2015 | 12/31/2015 |

### Project Duration

January 1, 2015 – December 31, 2015

### Project Budget Summary

|    |   |           |
|----|---|-----------|
| 1A | One or more contracts for technical consulting services | \$90,000  |
| 1B | BayRICS contract administration                         | \$10,000  |
| 1C | TOTAL   | \$100,000 |