



**To: Bay Area UASI Approval Authority**

**From: Barry Fraser, General Manager, BayRICS**

**Date: January 12, 2017**

**Re: Item #11: BayRICS JPA Quarterly Report & Proposed FY17 Allocation**

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**Recommendation:**

Approve a total of \$305,000 from the FY17 UASI grant to fund the following three projects:

1. Regional Broadband Planning and Governance Year 3 - \$59,000
2. Wireless User Equipment for FirstNet Nationwide Public Safety Broadband Network project - \$196,000
3. Exercise Scenario Development for P25 Radio Systems - \$50,000

**Action or Discussion Items:**

Action

**Discussion/Description:**

BayRICS General Manager Barry Fraser will provide a BayRICS Joint Powers Authority Quarterly Report and three requests for regional funding as described below. Please see Appendix A for a PowerPoint presentation.

**Request # 1: Regional Broadband Planning and Governance Year 3 (05942)  
Amount Requested: \$59,000**

This funding will provide partial support for year three of the BayRICS regional broadband planning and governance project. The grant will pay for contract services to help the Bay Area plan for the deployment of the FirstNet nationwide public safety broadband network, and to develop and implement regional governance policies and procedures. Deliverables will include a report detailing the pros and cons of adopting FirstNet services and recommendations for Bay Area agencies. It is anticipated that this will be the final year of planning for FirstNet, as the network

is expected to be deployed during 2018. The FirstNet network will enable first responders to share critical information to prevent, respond to and recover from terrorist attacks.

The project will support regional planning and governance for public safety broadband communications in Alameda, Contra Costa, Marin, San Francisco, San Mateo, Santa Clara and Sonoma County operational areas.

**Request # 2: Wireless User Equipment for FirstNet Nationwide Public Safety Broadband Network (05944)**

**Amount Requested: \$200,000**

It is anticipated that the FirstNet network will be deployed during 2018. The grant will support terrorism preparedness by funding end user equipment for Bay Area agencies to operate on the FirstNet nationwide public safety broadband network. Funding will pay for approximately 200 handheld "smart phone" type devices to be distributed equitably among Bay Area operational areas that adopt FirstNet services. Devices will be capable of operating on the FirstNet spectrum band class 14, or easily upgraded to the FirstNet band when the service is available. User training is expected to be provided by FirstNet. The equipment funded by the grant will enable first responders and emergency managers to share critical information to prevent, respond to and recover from terrorist attacks.

The project will support regional adoption of interoperable wireless broadband communications by public safety in all Bay Area operational areas.

**Request # 3: Exercise Scenario Development for P25 Radio Systems (05998)**

**Amount Requested: \$50,000**

The Bay Area devised a system-of-systems approach to upgrading the region's public safety radio systems to Project 25 standards-based technology, with the understanding that the technology would be interoperable for mutual aid purposes. BayRICS Authority is tasked with coordinating technical activities to ensure that these separate systems are fully interoperable. Initial tests have identified additional training and exercise needs for Bay Area first responders. This funding would support development of enhanced exercise scenarios to simulate live operational conditions experienced by law, fire and EMS personnel. This funding will also support testing of interoperable radio systems that would be used to prevent, protect against, respond to and recover from terrorist attacks.

This project will support interoperability among P25 radio systems operating in Bay Area operational areas.