



To: Bay Area UASI Approval Authority

From: Phil White, UASI CBRNE Project Manager

Date: January 14, 2016

Re: Item 9: Preventative Radiological/Nuclear Detection Program Proposed FY16 Allocation

Recommendation:

Approve \$282,509 from the FY16 UASI grant to fund the Preventative Radiological/Nuclear Detection Program

Action or Discussion Item:

Action

Discussion:

A Recurring Threat:

Radiological/nuclear terrorism remains a recurring threat. There have been several recent occurrences within the United States confirming interest and/or intent to utilize radiological devices or materials for terror. With over 7000 square miles and numerous maritime and land-based pathways, the San Francisco Bay Area is at considerable risk to the threat of a radiological or nuclear device being transported through or utilized within the area.

Bay Area PRND Program:

Launched in 2014, the Bay Area Preventative Radiological/Nuclear Detection (PRND) Program engages state, local and federal agencies that operate in the region to address the risk posed by the threat of radiological and nuclear terrorism. The Program seeks to deter, detect and report the hazardous handling, and/or unauthorized attempts to import, possess, store, develop or transport illicit radiological/nuclear material within the Bay Area. It is part of the whole of government approach being led by the Department of Homeland Security's Domestic Nuclear Detection Office (DNDO).

Accomplishments of the Bay Area PRND Program:

With DNDO support, 75 Bay Area agencies have initiated a region-wide approach to the PRND challenge and have accomplished the following to date:

- Identified the principal PRND stakeholders;
- Created a PRND Executive Task Force;
- Developed a regional PRND strategic plan, a unified PRND concept of operations, and standard operating procedure templates;
- Implemented a PRND training program and provided training to personnel in primary and secondary screening
- Built a cadre of PRND instructors
- Included PRND in the annual Urban Shield and Bay Ferry emergency preparedness and security exercises;
- Developed a pragmatic, multi-year funding approach that included the securing and rehabilitation of surplus federal PRND equipment; and
- Made some PRND detector equipment purchases

Bay Area PRND Program Funding Request:

To accelerate the development of Bay Area PRND capabilities, an application was made in 2014 and later in 2015 for obtaining a Securing the Cities grant from DNDO. While not successful in these efforts, the Bay Area PRND stakeholders remain energized and committed to improve capabilities.

On behalf of the Bay Area PRND Program, the Bay Area UASI Management Team requests \$282,509 from the FY16 UASI grant to advance and sustain the Bay Area’s PRND effort until additional funds are obtained from other sources. These funds will be used to purchase detection equipment and conduct operator training. Please see detail in the table below.

Quantity	Regional and RTC Detectors	Unit Price	Total
4	PRND Quick Start Classes	\$10,000	\$40,000
80	PRDs detectors (gamma)	\$1,400	\$112,000
15	PRD detectors (gamma/ neutron)	\$2,790	\$41,850
N/A	3rd year extended warranty	N/A	\$5,437
2	Radiation Isotope Identifiers (RIID)	\$15,953	\$31,906
N/A	Extended warranty	N/A	\$12,900
Subtotal			\$244,093
Tax			\$16,253
Shipping			\$500
Total			\$260,846