



**THE PORT  
OF LOS ANGELES**  
Executive Director's  
Report to the

Board of Harbor Commissioners

**DATE: MAY 18, 2011**

**FROM: PORT POLICE DIVISION**

**SUBJECT: RESOLUTION NO. \_\_\_\_\_ – AWARD OF CONTRACT NO. 39589  
FOR PURCHASE OF A RADSPEC MARITIME MONITORING SYSTEM  
FOR PROTECTION OF PORT INFRASTRUCTURE AND RESOURCES**

**SUMMARY:**

Staff requests approval of Contract No. 39589 to Thermo Eberline, LLC, of Franklin, Massachusetts, for the purchase of a RADspec Maritime Monitoring System in the amount of \$198,000. This highly sensitive, portable radiation and nuclear material detection equipment will be used to identify vehicle- and vessel-borne radiological hazards at the World Cruise Center and other areas in the Port complex. This is new equipment, it will provide Port Police the ability to identify the covert movement of special radiological/nuclear materials or weapons in populated areas, and as a mobile identification system for land-, water- or air-based operations.

At its February 17, 2011 meeting, the Board of Harbor Commissioners (Board) approved a Memorandum of Agreement (MOA) with the City of Los Angeles, through its Mayor's Office as the fiduciary agent, to provide reimbursement of funds from the Urban Area Security Initiative (UASI) 2009 Grant Funds for the purchase of mobile radiological nuclear detection equipment. Funds have been requested in the Port Police Fiscal Year (FY) 2012 Capital Budget. The total grant award for the mobile radiological nuclear detection equipment is \$200,000, which will fully fund the equipment. The estimated annual cost of operation and maintenance for this equipment is \$7,500.

**RECOMMENDATION:**

It is recommended that the Board of Harbor Commissioners:

1. Award Contract No. 39589 to Thermo Eberline, LLC, for the purchase of a RADspec Maritime Monitoring System in the amount of \$198,000 including tax and delivery;
2. Authorize the Executive Director to execute the Contract for and on behalf of the Board; and
3. Adopt Resolution No. \_\_\_\_\_

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**DISCUSSION:**

Background – At its February 17, 2011 meeting, the Board approved a MOA with the City of Los Angeles, through its Mayor's Office as the fiduciary agent, to provide reimbursement of funds from the UASI 2009 Grant Funds for the purchase of mobile radiological nuclear detection equipment.

This portable radiation and nuclear material detection equipment will be used to identify radiological hazards at the World Cruise Center and other key areas throughout the Port complex. The acquisition of this asset has the potential to reduce the overall risk to the Los Angeles-Long Beach urban area by preventing and protecting against a terrorist attack at critical infrastructure sites in these communities. The potentially devastating economic consequences of a terrorist disruption to the Los Angeles or Long Beach ports make the purchase of this analytical tool indispensable in the protection of the Port complex.

Selection – The Los Angeles Port Police submitted Requisition No. Z-11-119 to the Contracts and Purchasing Division (CPD) on January 20, 2011, for the purchase of a radiation/nuclear detection system. Formal Bid F-746 was released on the Harbor Department's website on April 15, 2011. Responsive submissions were due on Thursday, April 28, 2011 by 2:00 p. m. At the time the bids were opened by CPD on that date, only one bidder had responded – Thermo Eberline, LLC.

The RADspec Maritime Monitoring System was selected because it is the only system that offers background elimination from natural sun and ground radiation, and provides the most accurate view of what is being detected. Manufactured by Thermo Scientific and solely distributed by Thermo Eberline, it is composed of three separate detectors integrated into one package. This system is capable of providing automatic identification, classification, dose and count rate data within seconds of detection of radiological or nuclear material. It is highly versatile and can be mounted on the skid of a helicopter, exterior of a vessel or vehicle within minutes, lightweight, and able to detect radiological sources at high rates of speed.

The system utilizes a unique LED stabilization technology which allows the detectors to operate accurately, even in the most extreme temperatures. The stabilization is performed automatically, and is continuously running to ensure the detector and counting electronics are operating properly at all times. It is also compatible with other information systems, such as the radio modem and cellular services currently used by the Department.

Included in the cost of purchase for this system are a full one-year warranty which includes on-site commissioning and training, a one-year software maintenance contract, and a three-year enhanced depot service warranty, which includes any required

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equipment calibration. Ongoing training of the system will be conducted within the Port Police organization.

An approved Affirmative Action Plan for the vendor is on file with CPD, and a copy of the approved contract will be forwarded to Contract Compliance for monitoring.

**ENVIRONMENTAL ASSESSMENT:**

The proposed action is approval of Contract No. 39589 for the purchase of a RADspec Maritime Monitoring System for Port security operations. As an administrative action, the Director of Environmental Management has determined that the proposed action is exempt from the requirements of the California Environmental Quality Act (CEQA) under Article II, Section 2(f) of the Los Angeles City CEQA Guidelines.

**ECONOMIC BENEFIT:**

This Board action will have no direct employment impact for the five-county region since the company is located outside region.

**FINANCIAL IMPACT:**

Funds in the amount of \$200,000 have been requested to be budgeted, upon Board approval, as a capital expenditure in the FY 2011/12 Port Police Division Operating Budget - Account 13240, Center 0412, Program 640.

The total amount of this purchase is grant reimbursable. Ongoing annual maintenance and operating costs associated with the Mobile Radiological Nuclear Detection Equipment units is estimated at \$7,500 per year.

**CITY ATTORNEY:**

The City Attorney's Office has reviewed and approved the contract as to form and legality.

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**TRANSMITTALS:**

1. Formal Bid No. F-746, Contract No. 39589
2. Bid Recap
3. RADspec Maritime Monitoring System Specifications

FIS Approval: ed (initials)  
CA Approval: m (initials)

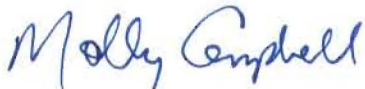


RONALD J. BOYD  
Chief of Port Police



JOHN M. HOLMES  
Deputy Executive Director

APPROVED:



 GERALDINE KNATZ, Ph.D.  
Executive Director

RJB:RJ:jad  
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