

DATE: MARCH 29, 2022

FROM: PORT PILOTS

SUBJECT: RESOLUTION NO. _____ - ELIGIBLE PURCHASER ORDER BETWEEN THE CITY OF LOS ANGELES HARBOR DEPARTMENT AND MOTOROLA SOLUTIONS, INC. FOR THE PURCHASE AND INSTALLATION OF AN UPDATED ALL-BAND RADIO SYSTEM

SUMMARY:

Staff requests approval of an agreement between the City of Los Angeles Harbor Department (Harbor Department) and Motorola Solutions, Inc. (Motorola), to purchase and install an updated all-band radio communications system. The proposed agreement is an Eligible Purchaser Order (Transmittal 1) pursuant to City of Los Angeles Contract No. C-123897, the master services agreement between Motorola and the City of Los Angeles.

This action will authorize an agreement with a three-year term for a not-to-exceed amount of \$1,368,570. The Harbor Department will be financially responsible for expenses incurred under the proposed Agreement.

RECOMMENDATION:

It is recommended that the Board of Harbor Commissioners (Board):

1. Find that the Director of Environmental Management has determined that the proposed action is administratively and categorically exempt from the requirements of the California Environmental Quality Act (CEQA) under Article II Section 2(f) and Article III Class 2(2) of the Los Angeles City CEQA Guidelines;
2. Find that in accordance with the Los Angeles City Charter Section 1022, the services required can be performed more feasibly by an outside contractor than by City employees;
3. Approve the proposed Eligible Purchaser Order between the City of Los Angeles Harbor Department and Motorola Solutions, Inc.;
4. Authorize the Executive Director to execute and the Board Secretary to attest to said Agreement for and on behalf of the Board; and
5. Adopt Resolution No. _____

SUBJECT: ELIGIBLE PURCHASER ORDER WITH MOTOROLA SOLUTIONS, INC.

DISCUSSION:

Background – The components of Port Pilots’ existing very high frequency (VHF) radio system is aged. The communications infrastructure that supports it is outdated, resulting in decreased system reliability. The proposed project will replace the components of the system, resulting in improved coverage, functionality, resiliency, redundancy, safety, and reliability. The upgraded radio system will also facilitate enhanced interoperability with the United States Coast Guard on the VHF band, and Port Police on the 700 MHz band, when needed in an emergency.

The proposed scope of the project includes:

- Significant enhancement of the marine radio communications on VHF radio including coverage locally in the Port of Los Angeles and extended range to 25 nautical miles from the Pilot Station to communicate with incoming and outgoing cargo vessels and the United States Coast Guard;
- Access to and integration with the Port Police 700 MHz radio system, segregated in a separate talk group exclusively for Port Pilots, for data and voice communications with Port Pilots Dispatchers and with Port Police Dispatchers, when needed;
- Global Positioning System (GPS) data communications to and from Port Pilot handheld radios, mobile vessel radios and Port Pilot dispatch radios for safety and security of Port Pilots at sea or in the harbor;
- Replacement of handheld radios, mobile vessel radios, and base station radios for enhanced communications on multiple frequency bands with added safety features including:
 - Waterproof handheld radios capable of 4 hours of submersion up to 2 meters,
 - Intrinsically safe radios for use in hazardous classified atmospheres (e.g. tank vessels),
 - Multi-frequency capable for communicating on VHF and 700 MHz,
 - GPS enabled for sharing location information,
 - Bluetooth enabled for external speaker integration,
 - Wi-Fi enabled for data communications, and
 - Drop-resistant;
- Extended range with the installation of enhanced radio equipment, long-range antennas, and microwave dishes at the Port Police radio site at the Marine Exchange, Pilot Station, and Warehouse 1;

SUBJECT: ELIGIBLE PURCHASER ORDER WITH MOTOROLA SOLUTIONS, INC.

- Access to the Port Police Catalina Island radio site for improved long-range coverage off the coast of the Port of Los Angeles on the 700 MHz band; and
- Improved base station radio equipment and antennas at the Pilot Station for improved coverage locally in the Los Angeles Harbor and extended range of the coast.

The proposed agreement is for a three-year term that will be effective upon execution of the Executive Director, after approval of the Board and the City Council review period.

Selection Process – The proposed agreement is being awarded as an Eligible Purchaser Order pursuant to City of Los Angeles Contract No. C-123897, the master services agreement between Motorola and the City of Los Angeles. C-123897 is administered by the Los Angeles Police Department (LAPD). The terms of Contract No. C-123897 allows for “Eligible Purchasers” to utilize the agreement. Section 2.4 of Contract No. C-123897 defines Eligible Purchaser as a department within the City of Los Angeles other than LAPD. The Harbor Department meets this definition.

In addition, the Harbor Department has already approved 2 system upgrade projects with Motorola for Port Police. On April 4, 2019, the Harbor Department approved Resolution No. 19-8462, the 12th Amendment to Contract No. C-123897 for the purchase of an integrated computer aided dispatch and records management system. On January 9, 2020, the Board approved Resolution No. 20-9590, the 14th Amendment to Contract No. C-123897, for the purchase and installation of an upgraded Motorola radio system for Port Police. Therefore, it would be undesirable and impractical to utilize another Port Pilots radio project vendor. The Port Pilots radio system must be integrated with the Port Police systems for emergency communication.

A 1022 determination has been performed and union notification is not required. This project has a limited duration and contains technology proprietary to Motorola. Therefore, it is not feasible for any entity other than Motorola to perform this project.

ENVIRONMENTAL ASSESSMENT:

The proposed action is the approval of an agreement between the Harbor Department and Motorola for the purchase and installation of an updated all-band radio communication system, which is an administrative activity involving the replacement of an industrial structure with a new structure of substantially the same size, purpose, and capacity. Therefore, the Director of Environmental Management has determined that the proposed action is administratively and categorically exempt from the requirements of CEQA in accordance with Article II Section 2(f) and Article III Class 2(2) of the Los Angeles City CEQA Guidelines.

SUBJECT: ELIGIBLE PURCHASER ORDER WITH MOTOROLA SOLUTIONS, INC.

FINANCIAL IMPACT:

Approval of the proposed agreement authorizes expenditures in the not-to-exceed amount of \$1,368,570 over a maximum term of three years. This amount includes supplying VHF radios located at three sites (the Pilot Station at Berth 68, Warehouse 1, and the Marine Exchange), one GTR 8000 base radio, one APX8500-based console, two mobile radios, a microwave link between Warehouse 1 and the Marine Exchange, 38 portable radios, a CAD mapping client, and site development at Warehouse 1 to create a suitable environment for the equipment. Once the proposed agreement is executed, it is anticipated that the project will take approximately 11 months to complete. In addition, there will be a 1-year warranty period after the system is live and in use. However, the term of the proposed agreement is three years to allow for any potential unforeseen project delays. After the project is completed and the warranty period expires, ongoing maintenance and support for the system will be administered by the Harbor Department's Information Technology (IT) Division. Ongoing maintenance and support costs will be determined and requested through the IT Division's annual budget process in future fiscal years. The IT Division administers the maintenance & support contract for Port Pilot's existing radio system.

The payment terms of the project are based on the following milestones:

1. 25% of the contract price is due upon contract execution (due upon effective date);
2. 60% of the contract price is due upon shipment of the equipment from staging;
3. 10% of the contract price is due upon installation of the equipment; and
4. 5% of the contract price is due upon final project acceptance.

Funding for the project, beginning in the current Fiscal Year 21-22, has been approved by the Project Development Committee within the Capital Improvement Program budget within Project No, 2567800 (Port Pilots Radio Project Upgrade), Center No. 1085 (Berth 68 Port Pilot Station Facility), Program No. 000 (Default Program), Accounts 54310 (Information Systems Consulting Services) and 59994 (CIP Equipment Acquisitions) and 59994. The estimated breakdown is as follows:

Account	Type	Amount	Estimated Fiscal Year
54310	Services	\$ 196,162	2022
54310	Services	\$ 588,485	2023

Account	Type	Amount	Estimated Fiscal Year
59994	Equipment	\$ 145,981	2022
59994	Equipment	\$ 437,942	2023

Total	\$ 1,368,570
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A funding out clause, also known as a termination of agreement for non-appropriation of funds clause, has been included in the proposed Agreement.

DATE: MARCH 29, 2022

PAGE 5 OF 5

SUBJECT: ELIGIBLE PURCHASER ORDER WITH MOTOROLA SOLUTIONS, INC.

CITY ATTORNEY:

The Office of the City Attorney has reviewed and approved the proposed Agreement as to form and legality.

TRANSMITTALS:

1. Eligible Purchaser Order

FIS Approval: MB
CA Approval: SO



DAVID C. FLINN
Chief Port Pilot



Digitally signed by
Thomas E. Gazsi
Date: 2022.03.29
15:12:11 -07'00'

THOMAS E. GAZSI
Chief of Public Safety and
Emergency Management

APPROVED:

Marla Bleavins For

EUGENE D. SEROKA
Executive Director

DCF/JMK
Author: J. Karmelich