

**DATE: SEPTEMBER 5, 2024**

**FROM: ENGINEERING**

**SUBJECT: RESOLUTION NO. \_\_\_\_\_ - APPROVAL OF CONTRACT NO. 40051 WITH CAVOTEC USA, INC. FOR PURCHASE OF 11KV TOWABLE SHORE POWER SYSTEM (CAVOTEC "POWERMOVE") FOR BERTHS 91-93 WORLD CRUISE CENTER ALTERNATIVE MARITIME POWER SYSTEM**

**SUMMARY:**

Staff requests approval of Contract No. 40051 with Cavotec USA, Inc. for the purchase of an 11kV Towable Shore Power System (Cavotec "PowerMove") as part of an Alternative Maritime Power (AMP) System at Berths 91-93, World Cruise Center, in the amount of \$1,182,084.38. The City of Los Angeles Harbor Department (Harbor Department) will be financially responsible for the payment of expenses incurred under the proposed Contract.

**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 exempt from the requirements of the California Environmental Quality Act (CEQA) under Article II Section 2(f) of the Los Angeles City CEQA Guidelines;
2. Approve Contract No. 40051 with Cavotec USA, Inc. for the purchase of an 11kV Towable Shore Power system (Cavotec "PowerMove") in the amount of \$1,182,084.38 for the Berth 91-93 World Cruise Center;
3. Authorize the Executive Director to execute and the Board Secretary to attest to Contract No. 40051 for and on behalf of the Board of Harbor Commissioners; and
4. Adopt Resolution No. \_\_\_\_\_.

**SUBJECT: PURCHASE OF 11KV TOWABLE SHORE POWER SYSTEM (CAVOTEC “POWERMOVE”) FOR BERTHS 91-93 WORLD CRUISE CENTER ALTERNATIVE MARITIME POWER (AMP) SYSTEM**

**DISCUSSION:**

Background/Context – The California Air Resources Board (CARB) established At-Berth Regulation for Passenger Vessels (Cruise Ships) with compliance requirements starting on January 1, 2023. CARB’s At-Berth Regulation states that Passenger vessels that do not comply with the At-Berth Regulation by using Shore Power (or AMP), a CARB-approved Emission Control Strategy, or Innovative Concept whereby air emissions are reduced by other CARB-approved means besides those mentioned previously, will be subject to a fine. The fine can be as much as \$12,000 per hour depending on the type of engine utilized by the passenger vessel.

Utilizing shore power for cruise and container ships at berth has been instrumental for the Department to achieve its Clean Air Action Plan (CAAP) goals, originally adopted in 2006. Shore power requires ships to plug in to the electrical grid while loading and unloading passenger ships rather than idling their auxiliary engines. Shore power nearly eliminates emissions from cruise ships at berth. The Port of Los Angeles led the way in requiring shore power through leases in 2008, long before the CARB regulation took effect in 2023.

The existing 11kV AMP Mobile Cart deployed at Berth 91-93, World Cruise Center, is a first generation piece of equipment that was manufactured and deployed in 2008 and now has operational limitations due to insufficient cable length, extensive use, and maintenance issues. The Construction and Maintenance (C&M) Division now finds it challenging to maintain the AMP Mobile Cart currently in operation.

Proposed Contract No. 40051 will authorize the purchase of a replacement AMP Mobile Cart (known by the manufacturer as a Cavotec PowerMove) that has been updated and designed to meet the needs of next generation Cruise Ships that will be calling at the Port of Los Angeles in the near future. The new 11kV Towable Cavotec PowerMove is designed to host a longer high voltage AMP cable and has a crane with a longer telescoping arm to connect the current and future class of cruise ships that call and will call at Berths 91-93, World Cruise Center.

Contract No. 40051 is for the purchase of a Cavotec PowerMove, and the contract will not exceed \$1,182,084.38.

**SUBJECT: PURCHASE OF 11KV TOWABLE SHORE POWER SYSTEM (CAVOTEC “POWERMOVE”) FOR BERTHS 91-93 WORLD CRUISE CENTER ALTERNATIVE MARITIME POWER (AMP) SYSTEM**

Selection Process – The Engineering Division submitted a Requisition to purchase an AMP Mobile Cart Connection System on April 23, 2024. The Contracts and Purchasing Division (CPD) released Request for Bids (RFB) No. F-1210 on May 23, 2024 to solicit for Bids for the AMP Mobile Cart System. RFB No. F-1210 was advertised on the City of Los Angeles Regional Alliance Marketplace for Procurement (RAMPLA) and the Port of Los Angeles website.

Per statistics on RAMPLA, the bid was viewed by 23 companies (Transmittal 2). The bid document was downloaded by 18 companies (Transmittal 3). Four vendors expressed interest in submitting bids. RFB No. F-1210 did solicit bids for comparable items, with a bid due date 22 days after bid posting.

CPD received one responsive bid from Cavotec USA, Inc. prior to the RFB closing date and time. CPD received a second incomplete bid after the RFB deadline had passed and the second incomplete bid was deemed non-responsive. The Recap of Bids was posted on June 20, 2024 (Transmittal 4).

Cavotec USA, Inc. was the only responsive, responsible bidder; the bid totaling \$1,088,602.00, excluding sales taxes.

Staff recommends the award of Contract No. 40051 to Cavotec USA, Inc. (Transmittal 1).

**ENVIRONMENTAL ASSESSMENT:**

The proposed action is the approval of Contract No 40051 with Cavotec USA, Inc. for the purchase of a Cavotec “PowerMove” System, which is an administrative activity. Therefore, the Director of Environmental Management has determined that the proposed action is administratively exempt from the requirements of CEQA in accordance with Article II Section 2(f) of the Los Angeles City CEQA Guidelines.

**FINANCIAL IMPACT:**

Approval of the proposed Contract will authorize the purchase, delivery and commissioning of the Cavotec PowerMove system in the amount of \$1,182,084.38, inclusive of taxes.

**SUBJECT: PURCHASE OF 11KV TOWABLE SHORE POWER SYSTEM (CAVOTEC "POWERMOVE") FOR BERTHS 91-93 WORLD CRUISE CENTER ALTERNATIVE MARITIME POWER (AMP) SYSTEM**

Fiscal Year 2024/25 funding in the amount of \$1,182,084.38 is available within Account 59994 (Equipment Acquisition), Center 1186, Program 000. Labor costs associated with post-installation maintenance will be limited to staff time incurred by the C&M Division.

**CITY ATTORNEY:**

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

**TRANSMITTALS:**

1. Contract No. 40051
2. Opportunity Views for RFB No. F-1210
3. Opportunity Downloads for RFB No. F-1210
4. Bid Recap Sheet for RFB No. F-1210

FIS Approval: JS  
CA Approval: JC

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