



**THE PORT
OF LOS ANGELES**

Executive Director's
Report to the
Board of Harbor Commissioners

DATE: JUNE 16, 2022
FROM: ENGINEERING
SUBJECT: RESOLUTION NO. _____ - APPROVAL OF CONTRACT NO. 39964 WITH CONSOLIDATED ELECTRICAL DISTRIBUTORS (CED) DBA ALL PHASE ELECTRICAL SUPPLY FOR PURCHASE OF ELECTRICAL SWITCHGEAR AND BATTERY ENERGY STORAGE SYSTEM FOR BERTH 100 (WBCT) ADVANCED ELECTRICAL INFRASTRUCTURE DEMONSTRATION PROJECT

SUMMARY:

Staff requests approval of Contract No. 39964 with Consolidated Electrical Distributors, Inc. (CED) dba All Phase Electrical Supply for the purchase of electrical switchgear and a Battery Energy Storage System for the Berth 100 (West Basin Container Terminal (WBCT)) Advanced Electrical Infrastructure Demonstration Project, in the amount of \$1,859,785.23. The proposed contract will enable the Los Angeles Harbor Department (Harbor Department) to purchase the electrical switchgear and the battery energy storage system to energize 10 electric inductive chargers for 10 electric yard tractors at Berth 100 WBCT.

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), Article III Class 3(4), and Class 6(2) of the Los Angeles City CEQA Guidelines;
2. Find that in accordance with Los Angeles City Charter Section 1022, services proposed to be contracted could be more feasibly performed by an outside contractor than by City employees;
3. Approve Contract No. 39964 with CED dba All Phase Electrical Supply for the purchase of electrical switchgear and a battery energy storage system in the amount of \$1,859,785.23 for Berth 100 (WBCT) Advance Electrical Infrastructure Demonstration Project;
4. Authorize the Executive Director to execute and the Board Secretary to attest Contract No. 39964 with CED dba All Phase Electrical Supply for Berth 100 (WBCT) Advanced Electrical Infrastructure Demonstration Project for and on behalf of the Board of Harbor Commissioners; and
5. Adopt Resolution No. _____.

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SUBJECT: BERTH 100 ELECTRICAL SWITCHGEAR AND BATTERY ENERGY STORAGE SYSTEM

DISCUSSION:

On February 23, 2018, the Harbor Department submitted a grant proposal to California Energy Commission (CEC) under CEC's Alternative and Renewable Fuel Vehicle Technology Program (ARFVTP). The Harbor Department applied for CEC grant on behalf of West Basin Container Terminal (WBCT), who agreed to host demonstration project to test and operate 10 battery-electric yard tractors that will be purchased under Targeted Air Shed Grant (TASG), between the U.S. Environmental Protection Agency (EPA) and the South Coast Air Quality Management District (SCAQMD). On April 6, 2018, the CEC offered the Harbor Department a preliminary grant award in the amount of \$7,842,270 to fund the proposed Project. The CEC grant will fund the development, construction, and installation of a series of advanced wireless charging systems at the Berth 100 WBCT.

This CEC Grant Agreement Award No. ARV-17-049 was accepted by the Board of Harbor Commissioners (Board) on June 11, 2019 by Resolution No. 19-9496. The CEC grant requires the Harbor Department to construct electrical infrastructure and a battery energy storage system for ten inductive chargers to power ten electric yard tractors. WBCT will purchase ten electric yard tractors for this project, separately.

Staff advertised the electrical switch gear and battery energy storage equipment to the public and solicited sealed bids where lowest, responsive bidder would be successful. The Harbor Department received two bids, and staff determined CED dba All Phase Electrical Supply to be the lowest responsive and responsible bidder with lowest bid of \$1,698,434.00. The contract includes 9.5% sales tax, for a total amount of \$1,859,785.23.

Approval of this action will allow for procurement and commissioning of required equipment for this demonstration to meet CEC grant deliverables requirements.

ENVIRONMENTAL ASSESSMENT:

The proposed action is the approval of Contract No. 39964 with CED for the purchase of electrical switchgear and Battery Electric Storage System. With this purchase, WBCT will be able to energize 10 electric inductive chargers for 10 electric yard tractors at Berth 100. The approval of Contract No. 39964 is an administrative activity, an activity involving the installation of new equipment and/or industrial facilities involving negligible or no expansion of use if required for safety, health, the public convenience, or environmental control, and an activity involving basic data collection, field testing, research, and experimental management which do not result in serious or major disturbances to an environmental resource. 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), Article III Class 3(4) and 6(2) of the Los Angeles City CEQA Guidelines.

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SUBJECT: BERTH 100 ELECTRICAL SWITCHGEAR AND BATTERY ENERGY STORAGE SYSTEM

FINANCIAL IMPACT:

Approval of the contract would require the Harbor Department to pay \$1,859,785.43, for the procurement of electrical switchgear and battery energy storage system, delivery, and commissioning.

Funds for Fiscal Year (FY) 22/23 in the amount of \$1,859,785.23 have been budgeted in Account No. 55010 (Parts & Materials), Center No. 1042, Program No. 000 and have been approved as part of the annual budget process.

Estimated spending for this contract is as follows:

Fiscal Year (FY)	Amount
FY 22/23	\$ 1,859,785.23
Total	\$ 1,859,785.23

Labor costs associated with post-installation maintenance will be limited to staff time incurred by the Construction & Maintenance Division.

CITY ATTORNEY:

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

TRANSMITTALS:

1. Bid Recap Sheet
2. Contract No. 39964

FIS Approval: MB
CA Approval: SO

Dina Aryan-Zahlan

DINA ARYAN-ZAHLAN, P.E.
Chief Harbor Engineer

Antonio V. Gioiello

ANTONIO V. GIOIELLO, P.E.
Deputy Executive Director, Development

APPROVED:

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Executive Director

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