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6.11.24

RECOMMENDATION APPROVED;  
RESOLUTION 26-10737 ADOPTED;  
AGREEMENT 26-3723-C APPROVED;  
BY THE BOARD OF HARBOR COMMISSIONERS

JUNE 11, 2026

*AMKlesges*  
AMBER M. KLESGES  
Board Secretary



Executive Director's  
Report to the  
Board of Harbor Commissioners

DATE: JUNE 2, 2026

FROM: ENVIRONMENTAL MANAGEMENT

SUBJECT: RESOLUTION NO. 26-10737 - APPROVAL OF THE THIRD AMENDMENT TO SUBRECIPIENT AGREEMENT NO. 20-3723 WITH WEST BASIN CONTAINER TERMINAL AND WAVE WIRELESS CHARGING, LLC FOR THE ADVANCED INFRASTRUCTURE DEMONSTRATION PROJECT

**SUMMARY:**

Staff requests approval of the Third Amendment to Subrecipient Agreement No. 20-3723 (Agreement) for the Port of Los Angeles Advanced Infrastructure Demonstration Project (Project) with West Basin Container Terminal (WBCT) and WAVE Wireless Charging LLC (WAVE). This Project is funded under a Grant Agreement with the California Energy Commission (CEC), Agreement No. 19-3666. A Fourth Amendment to Agreement No. 19-3666 was considered under a separate Board Action. The Third Amendment to Subrecipient Agreement No. 20-3723 will incorporate changes made under the Fourth Amendment to Grant Agreement No. 19-3666 with the CEC, to modify the Special Terms and Conditions (T&C) and extend the term of the Agreement until June 30, 2027 in order to complete the 12-month demonstration period and submit final reports. The no cost extension to the term of the Agreement and updated milestone dates within the T&C are due to commissioning and permitting delays impacting the timeline. Additionally, the CEC added two T&C regarding Russia Sanctions and Bankruptcy. All other terms and conditions of the Agreement remain the same.

**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 the Third Amendment to Agreement No. 20-3723 between the City of Los Angeles Harbor Department, West Basin Container Terminal and WAVE Wireless Charging, LLC for the Port of Los Angeles' Advanced Infrastructure Demonstration Project;
3. Direct the Board Secretary to transmit the Third Amendment to the City Council for approval pursuant to City Charter Section 606;

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4. Authorize the Executive Director to execute and the Board Secretary to attest to said Third Amendment to Agreement No. 20-3723 with West Basin Container Terminal and WAVE Wireless Charging, LLC for and on behalf of the Board; and
5. Adopt Resolution No. 26-10737.

**DISCUSSION:**

Background/Context – On February 23, 2018, the City of Los Angeles Harbor Department (Harbor Department) submitted a grant proposal to the CEC under the Alternative and Renewable Fuel Vehicle Technology Program (ARFVTP). The Harbor Department applied for the grant on behalf of WBCT, who developed the Project to provide the infrastructure required to support 10 battery-electric yard tractors purchased under the U.S. Environmental Protection Agency's (EPA) Targeted Air Shed Grant (TASG). On April 6, 2018, the CEC offered the Harbor Department a preliminary grant award in the amount of \$7,842,270 to fund the Project. On June 20, 2019, the Harbor Department approved Agreement No. 19-3666 with the CEC. A Subrecipient Agreement No. 20-3723, with WBCT and WAVE was approved on February 6, 2020. On March 10, 2022, the Harbor Department approved the First Amendment to Agreement No. 19-3666 to modify the project schedule, update the budget table, change the subrecipient and supplier of the battery storage system, move infrastructure construction in-house, and extend the term of the Agreement until March 31, 2024. The approved First Amendment also added the Special T&C attachment to the agreement, detailing specific deadlines associated with the amendment. On April 27, 2023, the Harbor Department approved the Second Amendment to Agreement No. 19-3666, which was a no-cost milestone and term extension through June 30, 2025. The First Amendment to Subrecipient Agreement 20-3723 was presented to the Board concurrently, extending milestone and term dates to match the Second Amendment to CEC Agreement 19-3666. The CEC Agreement Amendment was executed on May 12, 2023 and the Subrecipient Agreement Amendment was executed on October 21, 2023. The Third Amendment to CEC Agreement 19-3666 and the Second Amendment to Subrecipient Agreement 20-3723 were presented to the Board on May 23, 2024. On June 5, 2024, the Third Amendment to CEC Agreement 19-3666 was executed, revising the T&C, allowing early release of retention funds, and extending the term date to June 30, 2026. The Second Amendment to Subrecipient Agreement 20-3723, which was executed on September 23, 2024, extended the term date and incorporated milestone date changes and T&C to correspond with the Third Amendment to CEC Agreement 19-3666.

Port of Los Angeles' Advanced Infrastructure Demonstration Project – The Project, which began in July 2019, consists of an advanced inductive charging system to support 10 battery-electric yard tractors operated at WBCT under the CEC grant. Twelve inductive charging stations were installed at WBCT: 10 stations at the equipment corral and two additional stations at a central break facility as an opportunity charging location. The

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battery-electric yard tractors were partially funded by a separate TASG grant from the EPA.

The Project is divided into two phases. Phase 1, construction of two charging stations at the central break facility, was successfully commissioned the week of April 11, 2022. Two yard tractors were commissioned and began demonstration on June 16, 2022. Phase 2 construction consists of 10 additional charging stations at the equipment corral, supported by a nearly 1-megawatt battery energy storage system (BESS) to reduce overall power demand from the grid. The Phase 2 inductive charging infrastructure was successfully commissioned and permitted on April 14, 2025. Charging at the equipment corral began demonstration with the 10 operational yard tractors on May 17, 2025, independently of the BESS. Due to manufacturing, installation, commissioning, and excessive permitting delays with the BESS and associated gear needed to energize and integrate with the charging system, the BESS was fully connected to the chargers on April 1, 2026. The grant specifies that the full system, including the BESS, will be demonstrated with data collection for a full 12 months. The extended term date of June 30, 2027 allows time to complete the demonstration, wrap up data analysis, and submit the Final Report.

Grant Agreement Fourth Amendment – For consideration under a separate Board item, a proposed Fourth Amendment to the Agreement No. 19-3666 (CEC No. ARV-17-049) was brought to the Board on May 14, 2026. The Fourth Amendment will extend the term of the Agreement until June 30, 2027. This is a no-cost term extension of the Agreement. Additionally, the CEC added new language in the T&C regarding Russia Sanctions and Bankruptcy.

Subrecipient Agreement Third Amendment – The proposed Third Amendment to Subrecipient Agreement No. 20-3723 with the Harbor Department, WBCT, and WAVE is necessary in order to align its terms with the proposed Fourth Amendment to Grant Agreement No. 19-3666 (Transmittal 1). Specifically, the Third Amendment of the Subrecipient Agreement extends the term until June 30, 2027 and incorporates milestone date changes made to the Fourth Amendment of Grant Agreement No. 19-3666. Additionally, the CEC added new language in the T&C regarding Russia Sanctions and Bankruptcy. All other responsibilities and terms remain unchanged.

#### **ENVIRONMENTAL ASSESSMENT:**

The proposed action is the approval of the Third Amendment to the Agreement to modify the T&C and extend the term of the Agreement, 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.

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**FINANCIAL IMPACT:**

Approval of the proposed Third Amendment to the Subrecipient Agreement will extend the term of the Agreement to June 30, 2027 to complete the 12-month demonstration period and final report. A total of \$2,758,840 has been received from the CEC and passed through to Subrecipient WAVE. WAVE has also complied with the match share requirements of the grant. No additional funds will be requested from WAVE.

**CITY ATTORNEY:**

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

**TRANSMITTAL:**

1. Third Amendment to Subrecipient Agreement No. 20-3723

FIS Approval: JS  
CA Approval: SO



LISA WUNDER  
Director of Environmental Management

*Michael DiBernardo*

MICHAEL DiBERNARDO  
Deputy Executive Director

APPROVED:



EUGENE D. SEROKA  
Executive Director