

DATE: MAY 5, 2026

FROM: ENVIRONMENTAL MANAGEMENT

SUBJECT: RESOLUTION NO. _____ - APPROVAL OF THE FOURTH AMENDMENT TO GRANT AGREEMENT NO. 19-3666 WITH THE CALIFORNIA ENERGY COMMISSION FOR THE ADVANCED INFRASTRUCTURE DEMONSTRATION PROJECT

SUMMARY:

Staff requests approval of the Fourth Amendment to California Energy Commission (CEC) Grant Agreement No. 19-3666 (Agreement) for the Port of Los Angeles Advanced Infrastructure Demonstration Project (Project). This Fourth Amendment will 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 Fourth Amendment to Agreement No. 19-3666 between the City of Los Angeles Harbor Department and the California Energy Commission for the Port of Los Angeles' Advanced Infrastructure Demonstration Project;
3. Authorize the Executive Director to execute and the Board Secretary to attest to said Fourth Amendment to Grant Agreement No. 19-3666 with the California Energy Commission for and on behalf of the Board; and
4. Adopt Resolution No. _____.

SUBJECT: FOURTH AMENDMENT TO AGREEMENT NO. 19-3666 WITH THE CALIFORNIA ENERGY COMMISSION**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 West Basin Container Terminal (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 Wireless Charging LLC. (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 term extension through June 30, 2025. On June 5, 2024, the Third Amendment to the Agreement was executed, revising the T&C, allowing early release of retention funds, and extending the term date to June 30, 2026.

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 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

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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 – The proposed Fourth Amendment to CEC Agreement No. 19-3666 (CEC No. ARV-17-049) will extend the term of the Agreement until June 30, 2027 (Transmittal 1). 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 – An amendment to Subrecipient Agreement No. 20-3723 between the Harbor Department, WBCT, and WAVE will also be necessary in order to align its terms with the CEC Agreement Amendment. It will be presented to the Board for consideration at a later meeting.

ENVIRONMENTAL ASSESSMENT:

The proposed action is the approval of the Fourth 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.

FINANCIAL IMPACT:

Approval of the proposed Fourth Amendment will extend the term of the Grant Agreement to June 30, 2027 to complete the 12-month demonstration period and final report. Grant funds from CEC in the amount of \$7,820,587 have been received and distributed as appropriate (\$2,758,840 pass through to subrecipient WAVE and \$5,061,747 to the Harbor Department to offset costs for infrastructure development under Project 2557600 – B. 100 West Basin Container Terminal (WBCT) – Advanced Infrastructure Demonstration). No additional funds will be requested from the CEC.

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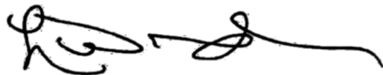
CITY ATTORNEY:

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

TRANSMITTAL:

1. Fourth Amendment to Grant Agreement No. 19-3666 with the California Energy Commission

FIS Approval: JS
CA Approval: SO

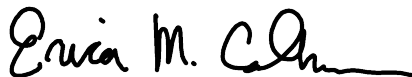


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APPROVED:



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