

June 11, 2024

Honorable Mayor and City Council  
City of Long Beach  
California

**RECOMMENDATION:**

Recommendation to authorize City Manager, or designee, to execute an agreement, and any necessary documents, including any necessary subsequent amendments, with the California Energy Commission (CEC) to accept and expend grant funding in the amount of \$5,000,000 to implement key components of the City's Blueprint for Medium- and Heavy-Duty Zero-Emission Vehicle Infrastructure;

Increase appropriations in the Capital Projects Funds Group in the Public Works Department by \$5,000,000, offset by CEC grant revenue; and,

Increase appropriations in the Capital Projects Fund Group in the Public Works Department by \$5,000,000, offset by the transfer of CEC grant revenue from the Capital Grant Fund. (District 4)

**DISCUSSION**

City Council approval is requested to execute an agreement with CEC for the receipt of grant funding, to implement key components of the City of Long Beach's (City) Blueprint for Medium- and Heavy-Duty Zero-Emission Vehicle Infrastructure (Project) and increase appropriations.

In June 2021, the City of Long Beach (City) received \$200,000 in California Energy Commission (CEC) grant funds to develop a blueprint for medium- and heavy-duty (MD/HD) zero-emission vehicle (ZEV) infrastructure. The major goal of the blueprint was to identify actions and milestones needed for implementing MD/HD ZEVs and the related infrastructure. With the assistance of CEC grant funds, the City developed a blueprint for MD/HD ZEV infrastructure, which explored challenges, considerations, and best practices associated with the City's transition to a ZEV fleet.

Through this CEC grant-funded Project, the City will partner with Southern California Edison and ChargePoint to complete full MD/HD charging infrastructure design and engineering activities for the Fleet Service Yard and the Environmental Service Yard to support its transition to ZEVs. The Project will deploy ten MD/HD fast chargers and a 2MW battery backup system to support grid resiliency and stability at the City's Fleet Services Yard, which will reduce greenhouse gas emissions and support up to 39 MDHD ZEV trucks. Furthermore, the Project will complete design and engineering for an additional 109 Level 2 charging ports and 105 Level 2 charging ports at the Environmental Service Yard.

Honorable Mayor and City Council

June 11, 2024

Page 2

The Project's goals are aligned with the City's Climate Action and Adaptation Plan's goals of promoting sustainable development in transportation to improve health and reduce vehicle emissions.

This matter was reviewed by Deputy City Attorney Vanessa S. Ibarra and by Budget Management Officer Nader Kaamouh on May 23, 2024

### TIMING CONSIDERATIONS

City Council action is requested on June 11, 2024, to execute and appropriate an agreement with CEC to implement key components of the City's Blueprint for Medium-and Heavy-Duty Zero-Emission Vehicle Infrastructure.

### FISCAL IMPACT

The total project cost is estimated at \$6,671,338, inclusive of design, construction, construction management, labor compliance, project oversight, and inspections. The City will receive grant funding in an amount not to exceed \$5,000,000 from CEC. The grant agreement requires a match of \$1,674,647, which is supported by Assembly Bill 32 (AB 32) budgeted in the Capital Projects Fund Group in the Public Works Department.

An appropriation increase in the amount of \$10,000,000 is requested in the Capital Projects Fund Group in the Public Works Department. Of this amount, \$5,000,000 will be offset with grant reimbursement revenues received from CEC. The remaining \$5,000,000 is a technical appropriation to allow for the transfer of grant funds from the Capital Grant Fund, a fund within the Capital Projects Fund Group.

This recommendation has no staffing impact beyond the normal budgeted scope of duties and is consistent with existing City Council priorities. It is anticipated that there will be a positive impact on local jobs because the Project will require construction activities, which will be in accordance with the City's Project Labor Agreements and will require all contracts and subcontractors to be signatories to the International Brotherhood of Electrical Workers and hold a valid C-10 electrical contractors' license. Approval of this recommendation will provide continued support to the local economy.

### SUGGESTED ACTION:

Approve recommendation.

Respectfully submitted,



Eric Lopez  
Director  
Public Works

APPROVED:



---

THOMAS B. MODICA  
CITY MANAGER