



CITY COUNCIL STAFF REPORT

ITEM NO. 6.5

DATE: March 23, 2026

TO: Honorable Mayor and City Council

FROM: Brent Smith, Community Development Director

SUBJECT: Resolution approving an exception to the Livermore Municipal Code bidding requirements and authorizing the sole sourcing of specific brand of EV charging equipment for the construction of the City's Fleet Electrification Project Phase 2, Project BL202514.

RECOMMENDED ACTION

The City Engineer recommends the City Council adopt a resolution:

1. Authorizing sole sourcing the Kempower 150kW DC Fast Charger and ChargePoint CP6000 Level 2 EV Charging Stations for the construction of the Fleet Electrification Project Phase 2, Project BL202514;
2. Approving, per the recommendation of the City Engineer, an exception to the bidding requirement contained in the Livermore Municipal Code Section 2.68.550(C), because there is no competitive advantage to be gained by inviting bids and the City Engineer has determined that the supplies and equipment are unique and available from a sole source; and
3. Authorizing the City Manager to take whatever actions are necessary and appropriate to carry out the purpose and intent of the resolution.

DECISION TYPE

Administrative

SUMMARY

Project BL202514 includes the installation of 100 electric vehicle charging ports across multiple City-owned facilities, including City Hall, the Water Reclamation Plant, the Maintenance Service Center, the Police Department parking lot, and the Airport. The planned installation includes ninety-six (96) Level 2 charging ports and four (4) DC Fast charging ports. Attachment 1 shows the locations of the EV chargers. In addition to electrical infrastructure improvements, minor parking layout modifications are anticipated.

To ensure a standardized Level 2 EV charging platform and to provide a compatible, cost-effective Level

3 charging solution, the City Engineer recommends specifying ChargePoint Level 2 chargers and Kempower Level 3 chargers for the project, pursuant to Livermore Municipal Code Section 2.68.550(C). Attachment 2 and 3 provide product information for the ChargePoint and Kempower charging stations.

DISCUSSION

Project BL202514 supports the City's climate action and greenhouse gas reduction goals by expanding electric vehicle (EV) charging infrastructure across key City-owned facilities. The project proposes the installation of 100 EV charging ports at City Hall, the Water Reclamation Plant, the Maintenance Service Center, the Police Department parking lot, and the Airport, enabling the continued transition of the City's municipal fleet from internal combustion vehicles to zero-emission alternatives.

On June 9, 2025, City Council approved a \$1.6 Million grant agreement for this project with the California Energy Commission (CEC). The planned charging configuration of ninety-six (96) Level 2 charging ports and four (4) DC Fast charging ports is consistent with the CEC grant requirements. Level 2 chargers will serve vehicles with predictable parking durations and overnight dwell times, supporting low-cost, energy-efficient charging. DC Fast Chargers will provide rapid charging capability for high-use vehicles. The project includes electrical infrastructure upgrades and minor parking layout modifications necessary to safely and effectively integrate charging facilities into existing City sites.

For Level 2 charging, selection of ChargePoint CP6000 equipment is necessary to maintain compatibility with the City's existing EV charging infrastructure, which is standardized on the ChargePoint platform. Maintaining a consistent vendor platform reduces administrative and maintenance complexity and allows charger communications, monitoring, and reporting to continue through the City's existing ChargePoint management systems.

For Level 3 charging, the Kempower C800 station charger provides a self-contained 150 kW solution that aligns with the City's operational needs without unnecessary system complexity or excess capacity. The system offers a cost-effective approach to DC fast charging while allowing for future expansion through modular power units and additional charging heads, avoiding substantial equipment replacement or retrofitting. In addition, the Kempower system is compatible with the City's existing ChargePoint monitoring platform via the Open Charge Point Protocol (OCPP), eliminating the need for additional software or parallel management systems.

While several manufacturers offer comparable 150 kW DC fast chargers, Kempower provides the most scalable, space-efficient solution for the City's fleet operations, aligning with PG&E program requirements and ensuring seamless integration with the City's OCPP-based monitoring infrastructure.

When the City determines that a sole-source manufacturer is required, Livermore Municipal Code (LMC) Section 2.68.550(C) provides an exception to the competitive bidding requirements of LMC Section 2.68.540, where only a unique type of equipment can meet the project's requirements and competitive bidding is, therefore, unnecessary.

City Council approved the design agreement for this project on September 8, 2025. The current schedule is to complete the design in spring 2026, begin construction in summer 2026, and activate the new EV chargers in January 2027.

FISCAL AND ADMINISTRATIVE IMPACTS

The budget for the City Fleet Electrification Phase 2 Project BL202514 is in the 2025-2030 Capital Improvement Plan and covers the cost of purchasing and installing this equipment. Funding for this project comes from the following funding sources: CIP Reserves for Fleet, a \$1,600,000 State Grant, Fleet & Equipment Services Fund, and the Wastewater Replacement fund. Costs for electrical infrastructure upgrades at City Hall and the Maintenance Service Center from the PG&E system up to the meter will be covered by PG&E through its EV Fleet Program.

COMMUNITY PILLAR

3: Environmental Stewardship

GOAL

1: Lead efforts to implement the updated Climate Action Plan in collaboration with internal and external partners.

ATTACHMENTS

1. [Location Map](#)
2. [ChargePoint Charger](#)
3. [Kempower Charger](#)
4. [Resolution](#)

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