



City of Huntington Beach

File #: 22-921

MEETING DATE: 11/29/2022

REQUEST FOR CITY COUNCIL ACTION

SUBMITTED TO: Honorable Mayor and City Council Members

SUBMITTED BY: Al Zelinka, City Manager

VIA: Sean Crumby, Director of Public Works

PREPARED BY: Debra Jubinsky, Administrative Analyst, Sr.

Subject:

Approve the construction of electric vehicle charging infrastructure and authorize the execution of Charge Ready Rebate Participation Agreements and Easement Agreements between City of Huntington Beach and Southern California Edison (SCE) as necessary to receive electric vehicle (EV) charging infrastructure at no cost to the City

Statement of Issue:

The City was approved for Southern California Edison's (SCE) Charge Ready 2 electric vehicle (EV) charging infrastructure grant program to provide new EV charging stations for city fleet vehicles at City Hall and the Corporation Yard. This is a grant program whereby SCE will design, furnish and install make-ready infrastructure for new electric vehicle charging stations along with a rebate for the City to purchase and install approved charging equipment. City Council approval of the projects and authorization to execute a Charge Ready Infrastructure and Rebate Participation Agreement and Easement Agreement for each project site is requested.

Financial Impact:

\$300,000 for the purchase of EV charging equipment is budgeted in the Energy Efficiency Fund Account No. 80785403.83700 (\$220,000) and in AQMD Fund Account No. 20185201.69505 (\$80,000).

The City will incur future costs related to future equipment maintenance and energy consumption. In exchange for receipt of grant funds, the City will agree to operate the charging stations for a 10-year term.

Recommended Action:

- A) Approve the construction of electric vehicle charging infrastructure as designed by SCE; and,
- B) Authorize the Director of Public Works to execute the Charge Ready Rebate Participation

Agreement and Easement Agreement between City of Huntington Beach and SCE for each project site.

Alternative Action(s):

Do not approve the projects and do not authorize the installation of the electric vehicle charging infrastructure designed by SCE.

Analysis:

In August of 2021, with the goal of advancing our fleet transition to electric vehicles, the City applied for funding to construct electric vehicle charging stations under the Charge Ready 2 Make Ready Infrastructure funding program offered by SCE. Make Ready Infrastructure is the term used to describe a range of groundwork necessary to support EV chargers, including conduit, wiring, meters and transformers, which are furnished and installed on both the utility side and the customer side of the electric meter, up to the point of connection with City-purchased charging equipment. Under this program, SCE will be providing all of the Make Ready Infrastructure at **no cost** to the City.

The City applied for EV charging stations at the following four facilities: Police Department, City Hall, City Corporation Yard, and City Utilities Yard. After extensive review of the proposed sites, SCE determined that two of the four sites met their internal eligibility benchmarks in the following locations and quantities.

- City Hall north parking lot: 24 total charging ports.
- Corporation Yard north parking lot: 16 total charging ports.

The terms of the Program Agreement stipulate that we purchase Level 2 charging equipment, which is medium-power charging that typically provides 14-35 miles of range per hour of charging time. This is the same class of equipment as currently installed in our public charging station at City Hall. The agreement terms also stipulate that the City maintain all charging equipment in working order for a ten (10) year period that starts when the equipment is put in service.

In addition to providing the Make Ready Infrastructure, this funding program will also rebate the city for a portion of the purchase cost of EV charging pedestals from SCE-approved sources. The total rebate expected per site is up to \$17,400 (\$725 per port) for the City Hall site, and up to \$46,400 (\$2,900 per port) for the Corporation Yard site. The cost for purchase, assembly, installation, and activation of the equipment is estimated to be approximately \$15,000 per dual port charger, approximately \$300,000 for all of the charging equipment.

Environmental Status:

This request is categorically exempt from the California Environmental Quality Act (CEQA) pursuant to Section 15301, 15303, and 15304 (Class 1, 3, and 4).

Strategic Plan Goal:

Infrastructure & Parks

Attachment(s):

1. Charge Ready Charging Infrastructure and Rebate Participation Agreement City Hall
2. Charge Ready Charging Infrastructure and Rebate Participation Agreement Corporation Yard
3. Grant of Easement Sample
4. Conceptual Design City Hall
5. Conceptual Design Corporation Yard