



March 22, 2021

To: Members of the Board of Directors

From: Darrell E. Johnson, Chief Executive Officer 

Subject: Approval to Release Invitation for Bids for Battery Chargers for 40-Foot Plug-In Battery-Electric Buses

Overview

The Orange County Transportation Authority Board of Directors approved the purchase of ten battery-electric buses for use as a pilot for operation of OC Bus fixed-route service. Charging the buses will require a combination of electrical infrastructure provided by Southern California Edison through the Charge Ready Program and battery chargers secured through a separate procurement. Staff is requesting Board of Directors' approval to release an invitation for bids for battery chargers necessary to support the battery-electric bus pilot.

Recommendation

Approve the release of Invitation for Bids 0-2731 for battery chargers for 40-foot plug-in battery-electric buses.

Discussion

On October 8, 2020, the Orange County Transportation Authority (OCTA) Board of Directors (Board) approved the purchase of ten battery-electric buses (BEB) as a pilot for operation of OC Bus fixed-route service. Two of the pilot buses are projected to arrive in August 2021. To support the charging of these vehicles, OCTA is working with Southern California Edison (SCE) to provide electrical infrastructure at the Garden Grove Base. In addition to the equipment being provided by SCE, OCTA is required to provide the BEB chargers. The chargers will consist of ten, 150-kilowatt battery chargers that will provide power to ten depot charging stations. The chargers can supply power evenly or sequentially to the charging stations. This allows each bus to be intelligently charged in a manner tailored to the power and logistical needs of each bus. Once installed and connected to the SCE equipment, the chargers will provide the power, interface, and connection to the BEBs. In addition to the hardware components,

training for both charging station operators and the facilities technicians who will maintain the equipment is included.

Procurement Approach

OCTA's procurement policies and procedures require that the Board approve all invitation for bids (IFB) over \$1,000,000. Staff is requesting approval from the Board to release IFB 0-2731 for the battery chargers for 40-foot plug-in battery-electric buses (Attachment A).

The IFB will be released upon Board approval. The award will be made to the lowest responsive and responsible bidder in accordance with state law.

Fiscal Impact

The project is included in OCTA's Proposed Fiscal Year 2020-21 Budget, Maintenance Department, Account No. 2114-9022-D2108-OUV, and is funded through the Low Carbon Transit Operations Program.

Summary

Board of Directors' approval is requested to release Invitation for Bids 0-2731 for battery chargers for 40-foot plug-in battery-electric buses.

Attachment

- A. Draft Invitation for Bids (IFB) 0-2731, Battery Chargers for 40-Foot Plug-In Battery-Electric Buses

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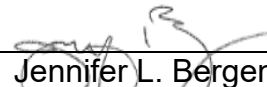
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