

SUBJECT***Battery-Electric Bus Station Design-Build Construction at the Long Beach Convention Center*****RECOMMENDATION**

To authorize the President and CEO to exercise change orders with Fast-Track Construction Corporation for the completion of the Battery-Electric Bus Charging Station with a Wireless Advanced Vehicle Electrification inductive charging system at the Long Beach Convention Center for a total authorization amount not to exceed \$110,113.

BACKGROUND

On July 25, 2016, Long Beach Transit's (LBT) Board of Directors authorized the President and CEO to enter into a contract with Fast-Track Construction Corporation (Fast-Track) for the design-build construction of the Battery-Electric Bus (BEB) station at the Long Beach Convention Center (Convention Center), for an authorization amount of \$1,465,314.

This construction project will enable LBT to provide in-route charging using an inductive charging system supplied by Wireless Advanced Vehicle Electrification (WAVE), Inc. The WAVE system is located on the bus pad at the Convention Center and will supplement the plug-in depot charging system located at LBT1, extending the useful mileage range of LBT's BEB fleet.

Fast-Track began construction in October 2016 and work is progressing and is anticipated to be completed in summer 2018.

During the course of construction, unforeseen conditions were encountered that required design changes and alternative work measures due to site conditions, such as buried utilities and the relocation of the WAVE system, as well as a construction moratorium associated with the Toyota Grand Prix of Long Beach.

These work measures impacted LBT's construction schedule as well as required additional expenditures. These expenditures necessitated contract change orders amounting to an additional \$110,113 from the previously Board-approved contract amount.

PROCUREMENT

No additional procurement activity is necessary as there is an existing contract in place between LBT and Fast-Track.

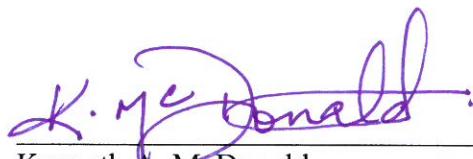
ALTERNATIVES CONSIDERED

The Board may choose not to approve the recommendation. However, staff does not recommend this option as LBT is obligated to pay Fast-Track for construction services rendered.

BUDGETARY/FISCAL IMPACT

Staff is requesting LBT's Board of Directors to authorize the President and CEO to exercise change orders with Fast-Track Construction Corporation for the completion of the Battery-Electric Bus Charging Station with a Wireless Advanced Vehicle Electrification inductive charging system at the Long Beach Convention Center for a total authorization amount not to exceed \$110,113.

Funding for the requested change orders has been identified in the FY 2018 Capital Budget Customer Amenities project allocation previously approved by the Board as part of the Fiscal Year 2018 Budget.



Kenneth A. McDonald
President and Chief Executive Officer