



INFORMATION ITEM

To authorize the President and CEO to enter into a contract with New Flyer of America, Inc., for the provision of charging station equipment to support the 20 new Battery-Electric Buses (BEBs) recently purchased.

STAFF REPRESENTATIVE

Kenneth A. McDonald, President and Chief Executive Officer

BACKGROUND

Long Beach Transit (LBT) has taken several steps to becoming a sustainable transit agency and transitioning to a zero-emission fleet by only purchasing Zero-Emission Buses (ZEBs) from 2020 onward.

On March 25, 2021, LBT's Board of Directors authorized the President and CEO to enter into a contract with New Flyer of America, Inc., to purchase 20, 30-35 foot Battery-Electric Buses (BEBs).

To support the aforementioned bus procurement, 20 new charging stations need to be procured. The charging equipment required consists of 10 power cabinets and 20 charging pedestals. Power cabinets are required to facilitate the charging stations. Each power cabinet provides the power for two charging pedestals. As a continuation of LBT's existing charging stations, this new configuration will be installed along the western wall of the LBT1 bus yard.

This procurement will consist of the purchase of 10 Heliox HPC 180kW DC power cabinets and 20 Heliox DC charging pedestals. It will also include the commissioning of the charging equipment and the software needed to manage the charging operation of all 20 charging pedestals. Once procured, LBT will install this equipment at the LBT1 site. However, installation is not within the scope of this equipment purchase and will be requested on a future board item.

PROCUREMENT

LBT issued a Request for Proposals (RFP) for the procurement of twenty (20) 35-foot Battery Electric Buses and the associated charging infrastructure.

On June 5, 2020, LBT received four proposals in response to the solicitation. The proposals were reviewed and evaluated by staff in accordance with established procedures, and it was found that New Flyer of America's proposal was the best and most advantageous to LBT. An award to New Flyer of America for the 20 BEBs only was authorized by the LBT Board of Directors on March 25, 2021. The charging equipment to support the buses was included in



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the original RFP solicitation, but it was not awarded at that time as LBT was considering other charging infrastructure alternatives.

DBE/SBE PARTICIPATION

LBT requires each transit vehicle manufacturer, as a condition of being authorized to bid or propose on a Federal Transit Administration (FTA) assisted transit vehicle procurements, to certify they comply with the FTA's DBE program requirements and goals. LBT has verified New Flyer is an eligible Transit Vehicle Manufacturers (TVM) per FTA. Upon award of this contract, LBT will submit award notification within 30 days to the FTA Office of Civil Rights of this contract award.

ALTERNATIVES CONSIDERED

LBT is currently in the process of researching and evaluating various charging systems to determine the feasibility and cost of a system that is most appropriate for LBT's long-term needs for charging zero emission battery buses.

BUDGETARY/FISCAL IMPACT

Funds for this project at a total authorized amount not to exceed \$1,680,851, including a 3% contingency have been included in the previously approved Fiscal Year 2021 capital budget. Local funds will be utilized for this procurement.

STAFF RECOMMENDATION

Staff is requesting LBT's Board of Directors to authorize the President and CEO to enter into a contract with New Flyer of America, Inc., for the purchase of 10 Heliox HPC 180kW DC power cabinets and 20 Heliox DC charging pedestals, control software and charger commissioning at a cost of \$1,631,894, with a 3% contingency of \$48,957, for a total authorization not to exceed \$1,680,851.

A handwritten signature in blue ink, reading 'K. McDonald'.

Kenneth A. McDonald
President and Chief Executive Officer