

SUBJECT***V-10 Hybrid Engine Rebuild/Replacement*****RECOMMENDED ACTION**

To authorize the President and CEO to enter into a two-year contract with Complete Coach Works for the purchase of pre-assembled gasoline-electric hybrid bus engines at a cost of \$516,259, with two, one-year options at \$290,188 for option year one and \$244,953 for option year two, for a total authorization amount not to exceed \$1,051,400.

BACKGROUND

Long Beach Transit (LBT) currently owns, operates and maintains 88 gasoline-electric hybrid (hybrid) buses ranging in ages from nine to 14 years. These buses were manufactured by New Flyer Industries, Inc., (New Flyer) and include a hybrid drive system built by ISE Corporation, a firm that is no longer in business.

The useful life of the hybrid bus engines is approximately three to four years, and/or 100,000 to 150,000 miles. New Flyer supplied replacement engines for the first engine life cycle as part of the warranty; however, subsequent engine replacements are the responsibility of LBT.

Based upon an analysis of LBT's bus fleet miles year over year, the agency projects it will need to replace 31 hybrid bus engines over the course of the two-year contract.

PROCUREMENT

LBT issued a request for proposal (RFP) to several qualified firms and received one proposal from Complete Coach Works, located in Riverside, California. Other interested firms cited a lack of capacity to undertake the project.

Complete Coach Works' proposal was found to be responsive and responsible by LBT's Purchasing department. A cost analysis was performed, and Complete Coach Works' price was deemed fair and reasonable.

DBE/SBE PARTICIPATION

A Small Business Enterprise (SBE) goal of seven percent was established. Complete Coach Works will meet the established goal by utilizing Greenway Transit Services, a Disadvantaged Business Enterprise (DBE)-certified firm (which is a SBE), to supply parts for this contract.



ALTERNATIVES CONSIDERED

The Board may choose not to approve this recommendation; however, staff does not recommend this option as this would increase the likelihood of engine failure adversely impacting transit service delivery.

BUDGETARY/FISCAL IMPACT

Staff is requesting LBT's Board of Directors to authorize the President and CEO to enter into a two-year contract with Complete Coach Works for the purchase of pre-assembled gasoline-electric hybrid bus engines at a cost of \$516,259, with two, one-year options at \$290,188 for option year one and \$244,953 for option year two, for a total authorization amount not to exceed \$1,051,400.

Funds for year one of this contract is included in the Fiscal Year 2019 Capital Budget, and funding for subsequent years will be included in future capital budgets.

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

Kenneth A. McDonald
President and Chief Executive Officer