



RECOMMENDED ACTION

To authorize the President and CEO to enter into a contract with Global Diversified Voltage for the construction of the Automatic Transfer Switch Replacement Project at LBT1 and LBT2.

STAFF REPRESENTATIVE

James Scott, Executive Director/VP, Maintenance and Infrastructure

BACKGROUND

LBT1, which serves as LBT's administration office, was built in 1972 and is located on approximately eight acres at 1963 E. Anaheim St., Long Beach, CA 90813. The electrical power of the LBT1 buildings are managed through the Main Electrical Room (MER), which is situated within LBT1's buildings.

LBT2 was built in 1998 and is located on approximately 10 acres at 6860 Cherry Ave., Long Beach, CA 90805. The electrical power of the LBT2 buildings are managed within the Electrical Rooms at these buildings.

These two facilities utilize emergency generator power during power outages. This emergency generator system relies on Automatic Transfer Switch (ATS) equipment to shift from the main power source to the emergency power generator during a power outage. The current ATS panel equipment at LBT1 and LBT2 is near the end of its useful life and needs to be replaced.

IMEG Corporation (IMEG), an engineering consultants firm, aided LBT in producing options to replace the three ATS equipment panels at LBT1 and LBT2. IMEG led an architectural and engineering team who designed construction plans depicting the finalized project. Those plans were processed and approved by the City of Long Beach on August 14, 2020.

The construction plans consist of replacing the three existing ATS panels at LBT1 and LBT2. The existing 1600 Amp ATS will be replaced at the LBT1 Maintenance Building. At LBT2, the existing 400 Amp and 1600 Amp ATS units will be replaced at the LBT2 Operations and Maintenance Buildings, respectively. These upgraded panels will help support the power needs at the LBT facilities.

The plans include three temporary ATS units that the contractor will rent to function as the ATS equipment while replacing and installing the three new ATS panels.

The ATS replacement project at LBT1 and LBT2 will take approximately four months for each installation to be completed, once a notice to proceed is given to the contractor.





Board Agenda Item No. 11 February 25, 2021

PROCUREMENT

LBT issued an Invitation for Bid (IFB) to 16 qualified firms and received two bids. The two bids were evaluated for compliance and responsiveness. LBT's Procurement department deemed one of the bids non-compliant.

Global Diversified Voltage, located in Los Angeles, California, was found to be responsive and compliant by LBT's Purchasing department at a cost of \$208,638.

DBE/SBE PARTICIPATION

A Disadvantaged Business Enterprise (DBE) goal of 31% was established for this contract. Global Diversified Voltage, a DBE-certified firm, was responsive and met the DBE goal. Global Diversified Voltage will self-perform as the prime contractor and will complete 100% of the total contract cost.

ALTERNATIVES CONSIDERED

No alternatives were considered to replace the existing equipment. A good working ATS system is needed to ensure LBT has a reliable auxiliary power source during a power outage.

BUDGETARY/FISCAL IMPACT

Funds for this project of \$208,638 with a 10% contingency amount of \$20,864 for a total not to exceed \$229,502 have been previously identified and approved in prior year capital budgets.

STAFF RECOMMENDATION

Staff is requesting LBT's Board of Directors to authorize the President and CEO to enter into a contract with Global Diversified Voltage for the construction of the Automatic Transfer Switch Replacement Project at LBT1 and LBT2 at a cost of \$208,638, with a 10% contingency, for a total authorization amount not to exceed \$229,502.

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

Kenneth A. McDonald
President and Chief Executive Officer