



RECOMMENDED ACTION

To authorize the President and CEO to enter into a contract with J. Kim Electric, Inc. for the upgrade and construction of new exterior site lighting at LBT1 and LBT2.

STAFF REPRESENTATIVE

James Scott, Executive Director/VP, Maintenance and Infrastructure

BACKGROUND

Long Beach Transit (LBT) operates two facilities located in the City of Long Beach. The LBT1 facility is located at 1963 E. Anaheim St. and the LBT2 facility is located at 6860 Cherry Avenue.

Both locations currently utilize outdated lighting systems to illuminate the exterior facilities. The current lighting systems lack effectiveness and efficiency compared to modern lighting systems. Our facilities rely on these lighting systems for nighttime operations. Those operations consist of bus services, security, and overall safety for personnel on site. The current lighting equipment at LBT1 and LBT2 is at the end of its useful lifespan and needs to be replaced.

A design firm was contracted to design and develop an overall lighting improvement project for LBT1 and LBT2. Lighting Design Alliance (LDA) in Long Beach, CA was selected to provide the services. LDA performed site assessments and led an architectural and engineering team who designed construction plans and specifications for the upgrade project.

Design benefits include more bus yard light uniformity and increase light intensity while blocking lighting into the surrounding community. In addition, this design will provide a beneficial warm white light which is easier on the eye's and is residentially friendly. Long lasting lighting with less replacement are another long-term benefit of this system. The design will use the most efficient light fixtures to put light where we need it.

The construction work will consist of removing existing bus yard lighting and installing new updated LED Lighting Systems for both LBT1 and LBT2 per the LDA plans. The work will also replace selected light poles and add new lighting in areas with poor current lighting. This work will result in improved yard safety, security, and visibility for both pedestrians and bus operators at both bus yards.

The LED Yard Lighting Project at LBT1 and LBT2 will take approximately 12 weeks to be completed.



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PROCUREMENT

LBT issued an Invitation for Bid (IFB) to 161 firms and received four bids. The apparent lowest bid was reviewed by LBT Procurement and found to be missing a key part of the Scope of Work. The bid was deemed nonresponsive. The second lowest bidder submitted a request to withdraw their bid due to a bid mistake.

The third and fourth bids were reviewed by LBT's Procurement department, and both were deemed responsive.

J. Kim Electric, Inc., located in Fullerton, California, was the lowest responsive bidder and found to be responsible by LBT's Procurement department.

DBE/SBE PARTICIPATION

A Disadvantaged Business Enterprise (DBE) goal of 10% was established for this solicitation. J. Kim Electric, Inc. is DBE certified from the California Department of Transportation to provide electrical wiring and installation services. The firm is also a qualified SBE under the US Small Business Administration guidelines and is certified as a LBE (local small business) by the Los Angeles Harbor Department. J. Kim Electric intends to self-perform 100% of the work and provide all materials associated with this contract and has satisfied the DBE participation goal.

ALTERNATIVES CONSIDERED

Staff considered keeping the existing flood lights. However, since the existing lighting and components are nearing the end of useful life not replacing the equipment would affect LBT's ability to operate efficiently.

BUDGETARY/FISCAL IMPACT

Funds for this project at a total authorization not to exceed \$795,716 including a 10% contingency have been identified and approved in a prior year capital budget. Federal funds will be utilized for this project.



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STAFF RECOMMENDATION

Staff is requesting LBT's Board of Directors to authorize the President and CEO to enter into a contract with J. Kim Electric, Inc. for the upgrade and construction of new exterior site lighting at LBT1 and LBT2 at a cost of \$723,378 with a 10% contingency of \$72,338, for a total authorization amount not to exceed \$795,716.

A blue ink signature of Kenneth A. McDonald, written in a cursive style.

Kenneth A. McDonald
President and Chief Executive Officer