

Agenda Report

DATE: SEPTEMBER 13, 2010

TO: Honorable Mayor and City Council

FROM: Department of Public Works

SUBJECT: AWARD OF PURCHASE ORDER TO DATALED TECHNOLOGIES FOR THE PURCHASE OF LIGHT EMITTING DIODE (LED) TUBE LIGHTS FOR CITY FACILITIES IN AN AMOUNT NOT TO EXCEED \$217,478

RECOMMENDATION:

It is recommended that the City Council:

- 1) Find the project to be exempt from California Environmental Quality Act (CEQA) review in accordance with Article 5, Section 15061, subsection (b), part 3 of the Resources Agency of California as it will not have a potentially significant effect on the environment, and therefore falls under the "general rule" exemption;
- 2) Accept the bid dated July 9, 2010, submitted by DataLED Technologies;
- 3) Reject all other bids; and,
- 4) Authorize the City Manager to issue a purchase order contract to DataLED Technologies in an amount not to exceed \$217,478 for the purchase of LED tube lights for city facilities.

BACKGROUND:

In September 2009 Pasadena was notified that it had been authorized up to \$1,507,800 in Energy Efficiency and Conservation Block Grant (EECBG) funds from the American Recovery and Reinvestment Act of 2009 (Federal Stimulus Funds). The Department of Energy (DOE) established guidelines for the utilization of the EECBG funds, which are to reduce energy use and greenhouse gases and develop and retain jobs.

Over a three-year span, the Department of Public Works will use these funds to replace existing high wattage light bulbs with light emitting diode (LED) bulbs in city-owned

facilities and street lights. The facility lighting retrofit consists of 26 facilities that are heavily used by the public such as libraries and community centers. For street lights, 100 street light lamps have been identified and will be retrofitted with LED bulbs. This entire project that encompasses both facilities and street lights will reduce Pasadena's energy consumption by 1.3 million kilowatt hours and save approximately \$200,000 in energy costs in year one.

This purchase order award will cover the supplies for the LED tube light retrofit at the following facilities: Villa Parke Community Center, Community Health Center, Hale Building, and the Public Works Building at the City Yards. City staff will install the LED tube lights in these four facilities.

With the assistance of engineers from the Southern California Edison (SCE) light testing laboratory in Irwindale, the Department of Public Works rewrote the specifications for this bid. The specifications were revised since the previous two bids were unsuccessful as the LED products did not meet the bid specifications at that time. SCE's engineering staff reviewed the city's specification document to ensure that the LED tube light bulbs, as detailed in the specifications, were available in the market and could be competitively bid. After receiving feedback and input from SCE, the specifications were finalized and subsequently bids were received as noted below.

During this entire process, SCE provided invaluable guidance as it relates to the tube light specifications which calls for a product warranty of five years. In addition to the specification help, SCE has agreed to test any LED tube light that the City purchases as a result of this bid. This independent testing will take place at the Irwindale Light Testing Laboratory with SCE sharing its test results with the City so that the staff can compare tube light performance across different environments and confirm that the bulbs were performing as specified.

On June 17, 2010, a Notice Inviting Bids to provide LED tube lights for the facilities lighting retrofit was published in the *Pasadena Star News* and posted on the City's website.

Following advertising, the bids were opened on July 9, 2010, and are as follows:

<u>Bidder</u>	<u>Amount</u>
1. DataLED Technologies, Beaverton, OR	\$197,706.94
2. Go Green Solutions, Pasadena, CA *	\$236,350.83
3. Seesmart, Inc., Simi Valley, CA	\$239,852.39
4. Electric Service & Supply, Pasadena, CA *	\$244,181.53

5. Value Green Inc., Chatsworth, CA	\$243,062.23
6. Green Edge Lighting, Lancaster, VA	\$275,519.13
7. Parker Lighting, Inglewood, CA	\$278,606.41

* 1% Local Sales Tax Preference

	Amount
Base Bid	\$197,706.94
10% Contingency Amount	\$19,770.69
Total Bid and Contingency Amount	<u>\$217,477.63</u>

It is recommended that DataLED Technologies be awarded this purchase order, as they are the lowest responsive and responsible bidder. DataLED's product is manufactured in Carson, CA, and its product complies with the Buy American provision of the grant award. The proposed purchase order contract is in compliance with the Competitive Bidding and Purchasing Ordinance P.M.C.4.08.

COUNCIL POLICY CONSIDERATION:

This project is in compliance with the City's Environmental Goals and Green City Action Plan of achieving energy efficiency by helping reduce the City's electric load by ten percent by 2012.

The utilization of light emitting diodes as a light source for this tube light retrofit project will consume less energy, decrease maintenance demand, provide longer lasting operation, and will result in an annual energy use savings to the City of approximately 50 to 60 percent when comparing LED tube lights to fluorescent bulbs. Additionally, the cost savings associated with the change over to LED tube lights furthers the City Council's strategic goal to maintain fiscal responsibility and stability.

ENVIRONMENTAL ANALYSIS:

The City's Environmental Administrator has determined the project is exempt from CEQA review pursuant to guidelines, Article 5, Section 15061 (b)(3) where as CEQA applies only to projects which have the potential for causing a significant effect on the environment. The project proposed herein will not have a potentially significant effect on the environment, and therefore falls under this "general rule" exemption to CEQA.

FISCAL IMPACT:

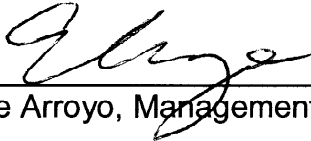
Sufficient funding in the form of an Energy Efficiency and Conservation Block Grant is available in Capital Improvement Program project Replace High Wattage Bulbs with Light Emitting Diodes (Budget Account 71145).

Respectfully submitted,



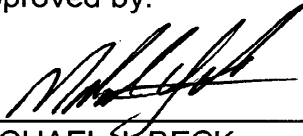
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