

Agenda Report

DATE: APRIL 19, 2010

TO: Honorable Mayor and City Council

FROM: Department of Public Works

SUBJECT: REJECTION OF BIDS FOR THE PURCHASE OF LIGHT EMITTING DIODE (LED) TUBE LIGHTS FOR VARIOUS CITY FACILITIES

RECOMMENDATION:

It is recommended that the City Council:

- 1) Reject all bids received on February 24, 2010, in response to specifications for light emitting diode (LED) tube lights at various city facilities.

BACKGROUND:

In September 2009, the City of 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 use of the EECBG funds, which are intended to be used 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 florescent/incandescent light bulbs with light emitting diode (LED) bulbs in city-owned facilities and street lights. The facility lighting retrofit consists of twenty-six facilities that have the most energy usage among municipal buildings in the City. Staff is currently reviewing the latest technology for street lights to determine the most appropriate equipment to achieve the required illumination levels with the highest level of energy efficiency. This entire project that encompasses both facilities and street lights is anticipated to reduce Pasadena's energy consumption by 1.3 million kilowatt hours and save an approximate \$200,000 in energy costs per year.

As part of awarding this lighting retrofit project in a phased approach, the Department of Public Works prepared specifications for the LED tube lights to replace existing florescent tubes for the following facilities: Villa Parke Community Center, Community

Health Center, Hale Building, and the Public Works Building at the City Yards. The remaining buildings will be addressed in future bid opportunities. The procurement opportunity for these four facilities was advertised and bids were opened on February 24, 2010 with the results as follows:

<u>Bidder</u>	<u>Amount</u>
1. Seesmart, Inc., Simi Valley, CA	Non-Responsive
2. California Coastal Lighting, Huntington Beach, CA	Non-Responsive
3. LED Specialty Lighting, Sandy, UT	Non-Responsive
4. DataLED Technologies, Beaverton, OR	Non-Responsive
5. Variant LED, Altadena, CA	Non-Responsive
6. Rexel, San Diego, CA	Non-Responsive
7. Ideal Lighting Supply, Downey, CA	Non-Responsive
8. Wei Industries, Pasadena, CA	Non-Responsive
9. Power Distributors, Inc., Industry, CA	Non-Responsive
10. Parker Lighting, Inglewood, CA	Non-Responsive
11. Business Lighting Supply, Glendora, CA	Non-Responsive

Based upon the bid specifications, none of the bidders were deemed responsive. The City's bid specifications required a minimum performance output of 1,500 lumens with a maximum power output of 15 watts per a 4-foot LED tube light. Prior to the formal bid, staff received product specification sheets indicating that there were products that met these requirements. However, after reviewing the third-party test results required in the specifications, bids fell short of either the lumen output or power usage. Product claims could not be supported by these performance test results. In all cases, bidders could not meet the lumen output or the wattage requirement.

Given these bid responses, City staff will revise the bid specifications to be aligned with the Illumination Engineering Society of North America Light Maintenance (LM) rules 79 and 80. These rules define internationally accepted LED performance testing. Based on the LM 79 and LM 80 rules, the bid specifications will be designed to meet products currently available in the marketplace, and will call for a minimum lumen output and a maximum wattage. This revision will allow a greater range of products, generate more responsive bids, and create bidding opportunities for more vendors. Third party testing

Reject all bids – LED Tube Lights

APRIL 19, 2010

Page 3 of 3

will be required once again to ensure the products meet the specifications.

Consequently, it is recommended that the bids for the LED tube lights be rejected. Since the performance standards of this product continue to evolve, staff will actively research other technologies that will achieve comparable energy savings. This bid will be re-advertised in May 2010, with installation beginning in June or July 2010.

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 10 percent by 2012.

ENVIRONMENTAL IMPACT:

There is no environmental impact as a result of this action.

FISCAL IMPACT:

Rejecting bids and re-advertising will have no fiscal impact on this project and the City will still meet the progress guidelines that are established by the EECBG.

Respectfully submitted,

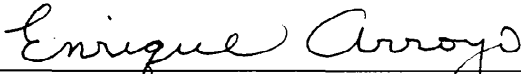


MARTIN PASTUCHA

Director

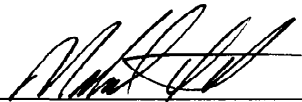
Department of Public Works

Prepared by:



Enrique Arroyo, Management Analyst

Approved by:



MICHAEL J. BECK

City Manager