

Agenda Report

DATE: JUNE 13, 2011

TO: Honorable Mayor and City Council

FROM: Department of Public Works

SUBJECT: **AWARD OF PURCHASE ORDER TO GO GREEN SOLUTIONS FOR THE PURCHASE OF LIGHT EMITTING DIODE (LED) TUBE LIGHTS FOR CITY FACILITIES IN AN AMOUNT NOT TO EXCEED \$388,041**

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 March 2, 2011, submitted by Go Green Solutions;
- 3) Reject all other bids; and,
- 4) Authorize the City Manager to issue a purchase order contract to Go Green Solutions in an amount not to exceed \$388,041 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 with induction street lights. The facility lighting retrofit consists of over 20 facilities that are heavily used by the public such as libraries and community centers. 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. 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.

On September 13, 2010, City Council approved the award of a purchase order contract to DataLED Technologies for the purchase of over 4,000 LED tube lights to begin the first phase of the facility retrofit which includes light installations at Villa Parke Community Center, Community Health Center, Hale Building and the Public Works Building. The cost per 4-foot tube light was \$40.50, and the cost per 2-foot tube light was \$32.50.

This current recommendation will cover the purchase of approximately 8,300 LED tube lights at a unit cost of \$38.97 for 4-foot tube lights, and \$32.46 for 2-foot tube lights. These supplies will be used to retrofit the following remaining grant-approved facilities/locations.

<u>Facility</u>	<u>Address</u>
Central Library Building	285 E. Walnut St., 91101
Police Dept Building	207 N. Garfield Ave., 91101
Water and Power Building	311 W. Mountain Ave., 91103
Police Range Building/Office	2783 Eaton Canyon Dr., 91107
Victory Park Building	2575 Paloma St., 91107
Jackie Robinson Center	1020 N. Fair Oaks Ave., 91103
Robinson Park Center	1081 N. Fair Oaks Ave., 91103
B.S.F.M.D. Office and Shops	345 W. Mountain Ave., 91103
Allendale Library	1130 S. Marengo Ave., 91106
Hasting Library	3325 E. Orange Grove Blvd., 91107
Lamanda Park Library	140 S. Altadena Dr., 91107
Linda Vista Library	1281 Bryant St., 91103
San Rafael Library	1240 Nithsdale Rd., 91105
Villa Parke Library	363 E. Villa St., 91101
Hill Library	55 S. Hill Ave., 91106
La Pintoresca Library	1355 N. Raymond Ave., 91103
City Yard Lighting	349 W. Mountain Ave., 91103
Senior Center Building	85 E. Holly St., 91103
Santa Catalina Library	999 E. Washington Blvd., 91104
Civil Defense Site	2783 Eaton Canyon Dr., 91107
El Centro De Accion	37 E. Del Mar Ave., 91105

City staff will install the LED tube lights at these facilities. At the conclusion of all installation related activities in September 2012, this grant-approved facility lighting retrofit project will be completed.

On February 3, 2011, 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 March 2, 2011, and are as follows:

<u>Bidder</u>	<u>Amount</u>
1. Go Green Solutions, Pasadena, CA	*\$349,236.86
2. StarLED, Inc., Carson, CA	\$393,665.02
3. Green Edge Lighting., Mechanicsville, VA	\$398,716.04
4. DataLED Technologies, Beaverton, OR	\$402,864.26
5. Seesmart, Inc., Simi Valley, CA	\$406,994.88
6. American Electric Supply, Corona, CA	\$475,187.43
7. LEDtronics, Inc., Torrance, CA	\$555,883.16

** 1% Local Sales Tax Preference for evaluation purposes only – Bid amount (\$349,236.86) plus 1% Local Preference (\$3,527.65) is the amount of the Base Bid (\$352,764.51).*

	Amount
Base Bid	\$352,764.51
10% Contingency Amount	<u>\$35,276.45</u>
Total Bid and Contingency Amount	\$388,040.96

It is recommended that Go Green Solutions be awarded this purchase order, as they are the lowest responsive and responsible bidder. Go Green Solutions' office is located in Pasadena and its product is manufactured in Hollywood, CA. This 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 addresses three of the City Council's goals: "Increase conservation and sustainability", "Improve, maintain and enhance public facilities and infrastructure", and "Maintain fiscal responsibility and stability". Further, it 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.

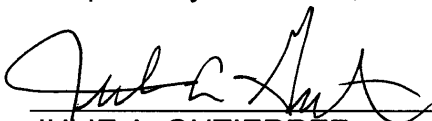
ENVIRONMENTAL ANALYSIS:

The City's Environmental Administrator has determined the project is exempt from CEQA review pursuant to guidelines, Article 5, Section 15061 (b)(3) 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:

Funding for the purchase of the LED tube lights have been budgeted in Capital Improvement Program project *Replace High Wattage Bulbs with Light Emitting Diodes* (Budget Account 71145). Specific funding will come from the Energy Efficiency and Conservation Block Grant.

Respectfully submitted,



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