

CITY OF SANTA ROSA
CITY COUNCIL

TO: MAYOR AND CITY COUNCIL
FROM: DEBORAH LAUCHNER, CHIEF FINANCIAL OFFICER,
FINANCE DEPARTMENT
AMY CARTER, BUYER, FINANCE DEPARTMENT
SUBJECT: PURCHASE ORDER AWARD – LED STREET LIGHT
EQUIPMENT

AGENDA ACTION: RESOLUTION

RECOMMENDATION

It is recommended by the Finance and Transportation and Public Works (TPW) Departments that the City Council, by resolution, approve a purchase order for light emitting diode (LED) street light equipment to Consolidated Electrical Distributors, Inc., dba City Electric Supply, in the total amount not to exceed \$169,490.

EXECUTIVE SUMMARY

This relates to Council Goal 6-3: Review and adjust reductions to Street Light Program and assess new technology.

TPW has been working on a street light conversion project. The project spans several years and requires procurement of lighting equipment for installation by City staff. This purchase order will supply equipment to convert an additional 1,141 street lights from the current high-pressure sodium fixtures to LED fixtures.

BACKGROUND

This project is to convert approximately 1,141 existing street lights from older, less efficient, high pressure sodium fixtures to LED fixtures. This is a continuation of the project which began with the 2014-15 budget. The 1,141 street lights are the remaining “cobra head” style street lights. As a result of the fire, we will need to purchase more “cobra head” style lights to fix those damaged in Coffey Park and Fountaingrove. We also have more “decorative” style lights (approximately 3,000) to retrofit with LEDs. The American Medical Association put out a letter recommending 3,000K color temperature LED street lights. Color temperature relates to the whiteness of the light. The higher temperature results in light looking more blue, lower temperature looks more yellow.

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Following the advice of the American Medical Association from July 2016, the City has selected 3,000K color temperature LED street lights. Once installation is complete, the City can expect savings from reduced Sonoma Clean Power bills of approximately \$49,000 per year and a savings of up to 36 metric tons of Greenhouse Gas emissions (GHG) with this project. Furthermore, the City will realize additional savings due to the longer lifespan of LED fixtures versus the existing high-pressure sodium fixtures. The current high-pressure sodium bulbs and fixtures last approximately four years, while the expected life for the LED fixtures is 20 years.

Financial incentives (rebates) are currently available from PG&E. The City's ability to realize cost savings from these rebates is dependent on the availability of incentive funding at the time of project completion. The estimated rebate could be \$45,640 (\$40 per fixture). While receipt of incentives is not assured, the City is interested in moving forward expeditiously to maximize the potential for eligibility of these incentives. The rebates are good until the funding for the PG&E incentive program runs out of money; however there is no timeline for when that might be.

PRIOR CITY COUNCIL REVIEW

Not Applicable.

ANALYSIS

Of the seven vendors notified of this solicitation, four responses were received, one was considered non-responsive and three were considered responsive and responsible to the bid requirements.

A tabulation of the responsive and responsible bids received with the local preference calculation is listed below:

Bidder	Total Amount
City Electric Supply Santa Rosa, CA*, **	\$169,489.49 (\$168,642.04 includes .5% prompt payment discount) (\$166,947.14 includes Vendor Preference)
AZCO Stockton, CA	\$170,841.93
JAM Services Inc Livermore, CA	\$171,299.98

*Prompt Payment Discount Claimed.

**Local Vendor Preference Claimed.

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Local Vendor Preference is applied as per City Code, Chapter 3-08.130 and Purchasing Procedure III-B. Local preference is applied to determine the awardee, however the amount paid will be the full bid amount.

FISCAL IMPACT

Funds for this procurement are budgeted in a project in the approved Fiscal Year 2017-18 Capital Improvement Program (CIP).

ENVIRONMENTAL IMPACT

This action is exempt from the California Environmental Quality Act (CEQA) pursuant to CEQA Guidelines Section 15301 in that the project will accommodate upgrades, repair, and maintenance of equipment and systems within existing facilities with negligible expansion of the use.

BOARD/COMMISSION/COMMITTEE REVIEW AND RECOMMENDATIONS

Not Applicable.

NOTIFICATION

Not Applicable

ATTACHMENTS

No Attachments

CONTACT

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