

BID NO. RPU-7810 FOR THE CITYWIDE LED CONVERSION PROJECT PHASE 1, WITH SASCO

Energy Delivery

Board of Public Utilities
December 13, 2021

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BACKGROUND

1. July 25, 2016 – Board recommended that City Council approve Work Order 1611216 and development of Citywide Streetlight, Light Emitting Diode (LED) Conversion Program
2. September 6, 2016 – City Council approved Work Order 1611216 and development of City-wide Street Light LED Conversion Program
3. December 10, 2018 – Board recommends City Council adopt Street Light Design Guide
4. February 5, 2019 – City Council adopts Street Light Design Guide
5. June 24, 2019 – Board approved Work Order 1916742 and awarded Bid No. 7643 for the procurement of 27,000 luminaires for Phase 1 LED Conversion Project

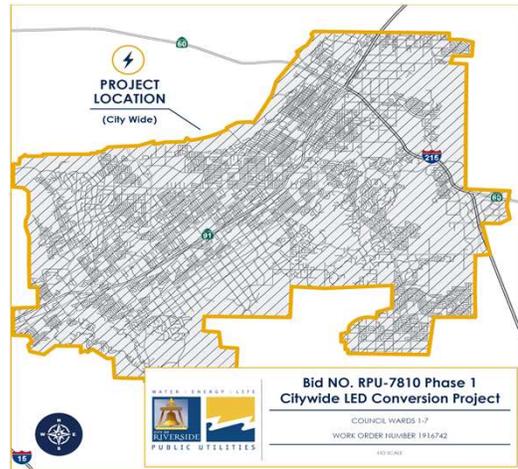
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DISCUSSION

1. Phase 1 of the LED conversion project covers entire City of Riverside
2. Conversion will replace Luminaires mounted on existing streetlight poles, mast arms on poles, and intersection safety light structures
3. Approximately 27,000 cobra head luminaires will be converted from high pressure sodium (HPS) to LED
4. The City will furnish luminaires for installation
5. Customers will be notified in advance before the start of work in specific areas
6. Electric service disruptions will be coordinated to minimize customer impact
7. 6-7 Months to complete construction work



BENEFITS

1. Increases electric lighting system reliability and improves area lighting and safety
2. Improves visibility for high pedestrian activity areas
3. Reduced number of luminaire units to stock and store
4. Aligns with the Riverside Envision 2025 Strategic Plan



BID RESULTS

1. RPU Bid No. 7810 was posted on PlanetBids on September 7, 2021, and closed October 5, 2021
2. Six bids were received
3. Staff evaluated the bids and deemed SASCO, of Fullerton, California, to be the lowest responsive and responsible bidder
4. The bid was within the engineer's total estimated amount of \$5,900,000



BID RESULTS (CONT.)

Rank	Vendors	Location	Total Bid Amount
1	SASCO	Fullerton, CA	\$3,884,790
2	Siemens Mobility, Inc.	Riverside, CA	\$4,564,345
3	Sierra Pacific Electrical	Jurupa Valley, CA	\$4,587,500
4	Elecnor Belco Electric, Inc.	Chino, CA	\$5,450,514
5	Asplundh Construction, LLC	Anaheim, CA	\$6,783,736
6	E.E. Electric, Inc.	Jurupa Valley, CA	\$9,970,454
>	Engineer's Estimate		\$5,900,000



PROJECT AND FISCAL BREAKDOWN

Work Type	Performed By:	6/24/2019 Approved Original Amount (\$)	12/13/2021 Revised Amount (\$)	Increased Amount (\$)
LED Luminaires (with 8.75% sales tax)	SolarMax LED, Inc.	\$4,102,303	\$4,102,303	\$0
Project Management and Inspection	Consultant and City Staff	\$497,000	\$497,000	\$0
Construction Contract	Contractor (SASCO)	\$3,600,697	\$3,884,790	\$284,093
Construction Contract Contingency- (10%)	Contractor (SASCO)	\$360,000	\$388,479	\$28,479
Work Order Total:		\$8,560,000	\$8,872,572	\$312,572
Anticipated Start Date:				January 2022
Anticipated Duration:				6-7 Months



STRATEGIC PLAN ALIGNMENT

This item contributes to Strategic Priority No. 6 Infrastructure, Mobility and Connectivity and the following goals:

Goal 6.2 – Maintain, protect, and improve assets and infrastructure within the City’s built environment to ensure and enhance reliability, resiliency, sustainability, and facilitate connectivity.

Goal 6.4 – Incorporate Smart City strategies into the planning and development of local infrastructure projects.



STRATEGIC PLAN ALIGNMENT

This item aligns with EACH of the five Cross-Cutting Threads as follows:

1. **Community Trust** – The Citywide LED upgrade will serve the public interest by improving pedestrian and general safety lighting in the city, resulting in greater public good.
2. **Equity** – The Citywide LED upgrade supports an equitable distribution lighting upgrade services thought out the City to ensure every member of the community has access to share in the benefits of community progress.
3. **Fiscal Responsibility** – The Citywide LED Conversion Program represents fiscal responsibility through the selection of the lowest project bid and effectively utilizing funding designated for the project.
4. **Innovation** – The City is committed to identifying creative solutions to meet the needs of our community members effectively and efficiently. The LED upgrade provides energy efficient technology, innovative infrastructure improvements, and adaptive processes.
5. **Sustainability & Resiliency** – Riverside Public Utilities is meeting the community's changing needs and preparing for the goals set by the City to achieve carbon neutrality by 2040. The City of Riverside is actively adapting to the lighting industry's technology advances.



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RECOMMENDATIONS

That the Board of Public Utilities:

1. Award Bid No. RPU-7810 to SASCO of Fullerton, California, in the amount of \$3,884,790 for the Citywide LED Conversion Project Phase 1;
2. Approve the 10% change order authority, in the amount of \$388,479, for the SASCO construction contract;
3. Approve the additional expenditure for Work Order No. 1916742 of \$312,512, for a revised total capital expenditure of \$8,872,572; and
4. Authorize the City Manager, or designee, to execute any documents necessary to effectuate the project described herein, as well as the ability to make minor non-substantive changes in alignment with all purchasing policies.



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