

RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: SEPTEMBER 13, 2021

SUBJECT: STREETLIGHT INSTALLATION COMPONENT OF PUBLIC WORKS BID NO. 7852 FOR LA SIERRA NEIGHBORHOOD SIDEWALK IMPROVEMENTS PROJECT WITH LC PAVING & SEALING, INC. IN THE AMOUNT OF \$291,419.11; AND WORK ORDER NO. 1926828 FOR A TOTAL OF \$347,000

ISSUES:

Consider approving the Streetlight Installation Component of Public Works Bid No. 7852 for La Sierra Neighborhood Sidewalk Improvements Project with LC Paving & Sealing, Inc. in the amount of \$291,419.11; and approve Work Order No. 1926828 for a total capital expenditure of \$347,000.

RECOMMENDATIONS:

That the Board of Public Utilities:

1. Approve the Streetlight Installation component of Public Works Bid No. 7852 for La Sierra Neighborhood Sidewalk Improvements Project with LC Paving & Sealing, Inc., of Escondido, California in the amount of \$291,419.11;
2. Approve the capital expenditure for Work Order No. 1926828 in the amount of \$347,000 which includes all design, construction, construction support, contract administration, inspection and construction change order authority costs for the Streetlight Installation Component of Public Works Bid No. 7852 for La Sierra Neighborhood Sidewalk Improvements Project; and
3. 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.

BACKGROUND:

On September 26, 2013, Governor Brown signed legislation creating the Active Transportation Program (ATP) to be managed by the California Department of Transportation to encourage increased use of active modes of transportation such as biking and walking. The call for Projects for ATP Cycle III was issued in April 2016.

On June 15, 2016, the Public Works Department submitted a proposal seeking \$999,000 of the ATP Cycle III grant funds with a commitment for a local match of \$216,000 for the construction of

the La Sierra Neighborhood Improvement Project (Project). The Project promotes active transportation such as walking, biking, and any alternate way of commute besides automobile through the installation of new sidewalks to provide safe walkways for pedestrians and students in the La Sierra Neighborhood (Attachment 1). The Project proposes new sidewalks on Butler Drive, College Avenue, Norwood Avenue, Richmond Street, Doverwood Drive, and Carmine Street. Currently, pedestrians and students walking in the area have to walk either on the street or on the landscaping at the side of the road.

On December 3, 2020, the California Transportation Commission (CTC) allocated \$999,000 of ATP grant funds to the City for the Project.

As part of the sidewalk upgrades, Riverside Public Utilities (RPU) in collaboration with the Public Works Department is tasked to install new streetlight standards and associated underground facilities (discussed below) along Norwood Avenue, between Sierra Vista Avenue and College Avenue, and along Doverwood Drive, between Sierra Vista Avenue and La Sierra Avenue. The new streetlight system will improve lighting, reliability, and safety in the area as well as improve system operations. The streetlight upgrade aligns with the City-wide Streetlight Light-Emitting Diode (LED) Conversion Program, as well as supports the City's efforts to improve pedestrian safety throughout the City.

DISCUSSION:

RPU Portion of the Project Scope

RPU's scope of work for this project includes the installation of sixteen new concrete streetlight standards as well as approximately 3,500 feet of trench, 3,650 feet of conduit, 4,300 circuit feet of secondary cables, nineteen pull-boxes, and associated street lighting equipment. RPU's work will be completed as a component of the overall project and requires close coordination with Public Works to minimize disruption in the neighborhood and to ensure the project is completed in the most efficient manner possible.

There is significant cost savings by coordinating the construction of new electric infrastructure and related facilities with the construction of the Public Works project in the following areas: engineering and design, construction and installation, street restoration, traffic management, construction inspection, and project administration and management. Had RPU treated the construction of the concrete streetlights and associated infrastructure as an independent project, RPU's overall cost would have been higher compared to the utility component cost of the Public Works project.

Public Works Bid No. 7852

On May 25, 2021, Bid No. 7852 for La Sierra Neighborhood Sidewalk Improvements was posted on PlanetBids to solicit the lowest responsive bidder to construct the Project. On June 24, 2021, seven bids were received (Attachment 2). The lowest responsive bid was from LC Paving & Seal, Inc. in the amount of \$1,977,212.83, which is 16.19% under the Engineer's Estimate. All bids are summarized in the table below:

Rank	Vendors	Vendor Location	RPU Streetlight Installation	PW Sidewalk Project	Total Bid Amount
1	LC Paving & Sealing, Inc.	Escondido, CA	\$291,419.11	\$1,977,212.83	\$2,268,631.94
2	Sol Construction, Inc.	Riverside, CA	\$188,858.00	\$2,296,875.50	\$2,485,733.50
3	CEM Construction Corporation	Montebello, CA	\$446,500.00	\$2,566,576.00	\$3,013,076.00
4	Vido Samarzich, Inc.	Rancho Cucamonga, CA	\$226,550.00	\$2,878,400.50	\$3,104,950.50
5	Gentry General Engineering, Inc.	Rancho Cucamonga, CA	\$221,440.00	\$3,204,679.00	\$3,426,119.00
6	CJ Concrete Construction Inc.	Santa Fe Springs, CA	\$303,034.37	\$3,248,831.62	\$3,551,865.99
7	HYM Engineering, Inc.	Fullerton, CA	\$211,725.00	\$3,401,787.00	\$3,613,512.00
➤	<i>Engineer's Estimate</i>		\$337,223.18	\$2,359,295.00	\$2,696,518.18

Public Works will seek approval from the City Council on September 21, 2021 to award Public Works Bid No. 7852 to the lowest responsive and responsible bidder for the total overall project: LC Paving & Sealing, Inc., of Escondido, California.

While the RPU Electric Utility component of the bid was not the lowest, it was both lower than the engineer's estimate and provides the best overall project option due to project coordination efficiency than had RPU bid and constructed the project independently.

The project fiscal breakdown of the RPU Streetlight Installation component of the Project is as follows:

Work Type	Performed By:	Amount (\$)
Project Management and Engineering	RPU Engineering Staff	\$22,567
Electrical Work	RPU Field Forces	\$3,872
Civil Contract Construction	LC Paving & Sealing, Inc.	\$291,419
Civil Contract Contingency (10%)		\$29,142
Work Order Total:		\$347,000
Anticipated Start Date:		October 2021
Anticipated Work Duration:		4 weeks

The Purchasing Manager concurs that the recommendation to award is in compliance with Purchasing Resolution No. 23256.

The costs for this expenditure are funded by the Electric Rate Schedules LS-1 and LS-2, under which the owner of the streetlights (including the City of Riverside) compensates RPU for the operation and maintenance of streetlights.

STRATEGIC PLAN ALIGNMENT:

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

1. **Goals 6.1** – Provide, expand, and ensure equitable access to sustainable modes of transportation that connect people to opportunities such as employment, education, healthcare, and community amenities.
2. **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.
3. **Goal 6.3** – Identify and pursue new and unique funding opportunities to develop, operate, maintain, and renew infrastructure and programs that meet the community's needs.

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

1. **Community Trust** – The installation of sidewalks as well as the lighting improvements will improve safety in the project area and result in greater public good.
2. **Equity** – Providing sidewalks and improved streetlighting in the neighborhood where these services are not already provided supports an equitable distribution of services to ensure every member of the community has access to share in the benefits of community progress.
3. **Fiscal Responsibility** – This item represents fiscal responsibility through the selection of the lowest project bid and close coordination that will occur between RPU and Public Works provide optimal project efficiency and by effectively utilizing grant funding for almost half of the Public Works portion of the project.
4. **Innovation** – RPU and Public Works are committed to identifying creative solutions to effectively and efficiently meet the needs of our community members by providing innovative infrastructure improvements and upgrading street lighting to energy efficient LED bulbs.
5. **Sustainability & Resiliency** – RPU is meeting the community's changing needs and preparing for the goals set by the City to achieve carbon neutrality by 2040 and to ensure a wide variety of transportation options for the community.

FISCAL IMPACT:

The total fiscal impact is \$347,000. Sufficient funds are available in Public Utilities' Electric Capital Account No. 6130000-470637.

Prepared by: Daniel E. Garcia, Utilities Deputy General Manager
Approved by: Todd M. Corbin, Utilities General Manager
Approved by: Al Zelinka, FAICP, City Manager
Approved as to form: Phaedra A. Norton, City Attorney

Concurs with: Gilbert Hernandez, Interim Public Works Director

Certifies availability
of funds: Edward Enriquez, Chief Financial Officer/City Treasurer
Attachments:

1. Project Site Map
2. Public Works Bid No. 7852 Award Recommendation