



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: SEPTEMBER 12, 2022

SUBJECT: BID NO. RPU-7915 FOR THE STREETLIGHT REPLACEMENT PROJECT, PHASE 4, TO COMET ELECTRIC, INC. OF CHATSWORTH, CALIFORNIA IN THE AMOUNT OF \$4,953,008; CONTRACT CONTINGENCY OF 10% IN THE AMOUNT OF \$495,301; WORK ORDER NO. 1904073 FOR A TOTAL OF \$5,600,000

ISSUES:

Consider awarding Bid No. RPU-7915 for the Streetlight Replacement Project, Phase 4, to Comet Electric, Inc., of Chatsworth, California, in the amount of \$4,953,008; approve a contract contingency of 10% in the amount of \$495,301; and approve the capital expenditure for Work Order No. 1904073 in the amount of \$5,600,000.

RECOMMENDATIONS:

That the Board of Public Utilities:

1. Award Bid No. RPU-7915 for the Streetlight Replacement Project, Phase 4, to Comet Electric, Inc., of Chatsworth, California, in the amount of \$4,953,008;
2. Approve a contract contingency of 10% in the amount of \$495,301;
3. Approve the capital expenditure for Work Order No. 1904073 in the amount of \$5,600,000 which includes all design, construction, construction support, contract administration, inspection and construction change order authority costs for the Streetlight Replacement Project, Phase 4; 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.

BACKGROUND:

On October 18, 2013, the Board of Public Utilities (Board) approved Work Order No. 0809099 and Work Order No. 0809101, for a total amount of \$1,909,600 for the design and construction, respectively, of the Wood Streets Streetlight Replacement Project, Phase 1. The project included the installation of 205 new concrete streetlight standards replacing the century old streetlight system in the area. The new streetlight standards used for the project are replicas of the original

historic concrete standard with an acorn style luminaire, featuring an improved Light Emitting Diode (LED) lamp for greater energy efficiency, longer life, and minimal maintenance.

On February 13, 2017, the Board approved Work Order No. 1523553 in the amount of \$2,300,000 for the Wood Streets Streetlight Replacement Project, Phase 2. The project included the installation of 187 new concrete streetlight standards similar to the standards used for Phase 1.

On November 21, 2018, the Cultural Heritage Board (CHB) recommended that City Council approve Community & Economic Development Department Planning Case P18-0585, Certificate of Appropriateness for the Streetlight Replacement Areas 3 through 5B, with the condition that the light color temperature for the luminaires shall be 2,200 Kelvins to retain historically appropriate light color warmth. It was also determined that the Mitigated Negative Declaration, prepared by the Community & Economic Development Department environmental consultant Dudek, satisfied the requirements of the California Environmental Quality Act (CEQA).

On July 22, 2019, the Board recommended that the City Council award Bid No. RPU-7656, approve Work Order No. 1718078 in the amount of \$1,849,000 for the Streetlight Replacement Project, Phase 3, and adopt the Mitigated Negative Declaration for the Proposed Streetlight Replacement for Areas 3 through 5B Project. Phase 3 project included the installation of 129 new concrete streetlight standards similar to the standards used for Phases 1 and 2. The new streetlight standard replica used for all three phases was approved by the CHB and is supported by neighborhood groups and organizations, including the Neighbors of the Wood Streets.

On August 6, 2019, City Council adopted the Mitigated Negative Declaration for the Streetlight Replacement for Areas 3 through 5B, awarded Bid No. RPU-7656, and Approved Work Order No. 1718078 for a total capital expenditure of \$1,849,000 for the Streetlight Replacement Project, Phase 3.

This project is the fourth of five phases for streetlight replacement of historic concrete light standards in the City and complements the City's overall effort to convert aged inefficient streetlights to LEDs. The streetlight upgrade is in alignment with the Citywide Streetlight LED Conversion Program and also supports the City's efforts to improve pedestrian safety throughout the City.

DISCUSSION:

The Streetlight Replacement Project, Phase 4, will upgrade streetlight facilities north of Mission Inn Avenue to Fairmount Court, between Market Street and Redwood Drive, including Lakehill Place and Lakehill Circle. The project includes replacement of aged streetlight system infrastructure, underground conduits, compromised cables, and deteriorated concrete streetlight pole standards, improving the lighting in the area, system operations, reliability, and safety.

The scope of work includes the installation of 290 new concrete streetlight standards, 35,000 trench feet, 38,000 feet of conduit, 214 pull-boxes, 43,000 circuit feet of secondary cables, tree trimming, street paving, and related street lighting facilities. The work also includes removal and abandonment of the existing aged facilities. There are no anticipated electric service disruptions as part of this project.

Bid No. RPU-7915

Bid No. RPU-7915 for the Streetlight Replacement Project, Phase 4, was posted on the City’s Online Bid System on June 7, 2022 and closed June 21, 2022. Eight vendors submitted bids for the project. Staff evaluated the bids and deemed Comet Electric, Inc., of Chatsworth, California to be the lowest responsive and responsible bidder. The bid was above the engineer’s estimated amount of \$4,088,304.19 due to higher labor and material costs for the civil construction work.

The bids are summarized in the table below:

Vendors	Vendor Location	Bid Amount	Rank
Comet Electric, Inc.	Chatsworth, CA	\$4,953,008.00	1
Elecnor Belco Electric, Inc.	Chino, CA	\$5,478,713.00	2
Alfaro Communications Construction Inc.	Compton, CA	\$5,541,989.36	3
Stronghold Engineering, Inc.	Perris, CA	\$5,709,682.00	4
Servitek Electric, Inc.	City of Walnut, CA	\$5,748,955.50	5
California Professional Engineering, Inc.	La Puente, CA	\$5,959,611.90	6
International Line Builders, Inc.	Corona, CA	\$6,015,780.01	7
DBX, Inc.	Temecula, CA	\$6,688,415.00	8
➤ <i>Engineer's Estimate</i>		\$4,088,304.19	

The project and fiscal breakdown are proposed as follows:

Project and Fiscal Breakdown		
Work Type	Performed By:	Amount (\$)
Design	RPU Engineering	\$83,174
Construction Management and Inspection	RPU Engineering and Operations	\$35,646
Electrical Work	RPU Field Forces	\$32,871
Civil and Electrical Construction Contract	Comet Electric, Inc.	\$4,953,008
Contract Contingency- (10%)		\$495,301
Work Order Total:		\$5,600,000
Anticipated Start Date:		November 2022
Anticipated Duration:		18 weeks

The Purchasing Manager concurs that the recommended actions are in compliance with Purchasing Resolution No. 23812.

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 Riverside Public Utilities (RPU) for the operation and maintenance of streetlights.

STRATEGIC PLAN ALIGNMENT:

This item contributes to **Strategic Priority 6 - Infrastructure, Mobility and Connectivity** and the following Goals:

1. **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.

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

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

1. **Community Trust** – The implementation of streetlighting improvements will enhance safety in the project area, will help build community trust and result in greater public good.
2. **Equity** – Providing improved streetlighting 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, providing optimal project efficiency, and effectively utilizing funding for the project.
4. **Innovation** – RPU is committed to identifying creative solutions to effectively and efficiently meet the needs of our community members by providing innovative infrastructure improvements and upgrading streetlighting to energy efficient LED bulbs.
5. **Sustainability & Resiliency** – RPU is committed to meeting the needs of the present without compromising the needs of the future and ensuring the City’s capacity to persevere, adapt and grow during good and difficult times alike. RPU is preparing for the goals set by the City to achieve carbon neutrality by 2040 and to ensure that new system upgrades provide grid operators the ability to monitor and respond to system disturbances in a more safe and timely manner.

FISCAL IMPACT:

The total fiscal impact is \$5,600,000. Sufficient funds are available in Public Utilities’ Electrical Capital Account No. 6130000-470638. The funding for the payment of the project is included in the retail price of electricity charged to customers.

Prepared by: Daniel Honeyfield, Utilities Assistant General Manager/ Energy Delivery
Approved by: Todd M. Corbin, Utilities General Manager
Approved by: Kris Martinez, Assistant City Manager
Approved as to form: Phaedra A. Norton, City Attorney

Certifies availability of funds: Edward Enriquez, Interim Assistant City Manager/Chief Financial Officer/City Treasurer

Attachments:

1. Project Site Map
2. Bid Award Recommendation
3. Presentation