



BID NO. RPU-7915 FOR THE STREETLIGHT REPLACEMENT PROJECT, PHASE 4

Energy Delivery

Board of Public Utilities
September 12, 2022

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BACKGROUND

1. October 18, 2013 - Board approved Work Order No. 0809099 and Work Order No. 0809101 for the Wood Streets Streetlight Replacement Project, Phase 1
2. On February 13, 2017 - Board approved Work Order No. 1523553 the Wood Streets Streetlight Replacement Project, Phase 2
3. November 21, 2018 - Cultural Heritage Board recommended City Council approve the Certificate of Appropriateness for the Streetlight Replacement Areas 3 through 5B and determined that the Mitigated Negative Declaration satisfied the requirements of the California Environmental Quality Act (CEQA)



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BACKGROUND

4. July 22, 2019 - Board recommended City Council award Bid No. RPU-7656, approve Work Order No. 1718078 for the Wood Streets Streetlight Replacement Project, Phase 3, and adopt the Mitigated Negative Declaration for the Proposed Streetlight Replacements for Areas 3 through 5B Project
5. On August 6, 2019 - City Council adopted the Mitigated Negative Declaration for the Streetlight Replacement for Areas 3 through 5B, awarded the Bid and Approved Work Order for the Wood Streets Streetlight Replacement Project, Phase 3
6. Total of 521 new streetlight standards have been installed
7. New streetlight standard is replica of original historic standard with acorn style luminaire
8. New streetlight standard features energy efficient LED (Light Emitting Diode) lamps



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BACKGROUND

100-year-old streetlight system is deteriorating, and cables are failing, creating maintenance and safety issues



TOWN & COUNTRY TOP

TOWN & COUNTRY TOP
WITH OLD KODIAK
STANDARD

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BACKGROUND

HISTORICAL ACORN TOP



OLD KODIAK STANDARD



NEW ACORN TOP WITH LED LAMP



NEW KODIAK STANDARD



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PROJECT LOCATION

1. Downtown Area, West of Interstate 91 freeway, South of Interstate 60 freeway.
2. North of Mission Inn Avenue to Fairmount Court, Between Market Street to Redwood Drive, including Lakehill Place and Lakehill Circle



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SCOPE OF WORK

1. Replacement of 290 streetlight standards with new concrete streetlight standards and paving
2. Install 38,000 feet of conduit
3. Install 43,000 circuit feet of secondary underground cable
4. There are no anticipated electric service disruptions as part of this project
5. 18 weeks to complete work



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BENEFITS

1. Improves streetlight system operations
2. Reduces overall streetlight system maintenance
3. Increases streetlight system reliability and safety
4. Improves power resource efficiency



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BID RESULTS

VENDORS	CITY LOCATION	BID AMOUNT	RANK
Comet Electric, Inc.	Chatsworth, CA	\$4,953,008.00	1st
Elecnor Belco Electric, Inc.	Chino, CA	\$5,478,713.00	2 nd
Alfaro Communications Construction Inc.	Compton, CA	\$5,541,989.36	3 rd
Stronghold Engineering, Inc.	Perris, CA	\$5,709,682.00	4 th
Servitek Electric, Inc.	City of Walnut, CA	\$5,748,955.50	5 th
California Professional Engineering, Inc.	La Puente, CA	\$5,959,611.90	6 th
International Line Builders, Inc.	Corona, CA	\$6,015,780.01	7 th
DBX, Inc.	Temecula, CA	\$6,688,415.00	8 th

➤ Engineer's Estimate

\$4,088,304.19

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PROJECT BREAKDOWN

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

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STRATEGIC PLAN ALIGNMENT



Strategic Priority 6 - Infrastructure, Mobility and Connectivity

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.

Cross-Cutting Threads



Community Trust



Fiscal Responsibility



Sustainability & Resiliency



Equity



Innovation



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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 \$4,953,008.00;
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.



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