



BID NO. RPU-7656 FOR STREETLIGHT REPLACEMENT PROJECT – PHASE 3 IN THE AMOUNT OF \$1,547,623.30 AND WORK ORDER 1718078 FOR A TOTAL PROJECT AMOUNT OF \$1,849,000

Riverside Public Utilities – Energy Delivery

City Council
August 6, 2019

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BACKGROUND

1. October 18, 2013 - Board approved Phase 1 of Streetlight Replacement Project
2. February 13, 2017 - Board approved Phase 2
3. This project is the third of five (5) phases
4. New streetlight standard is replica of original historic standard with acorn style luminaire
5. New streetlight standard features energy efficient LED (Light Emitting Diode) lamps

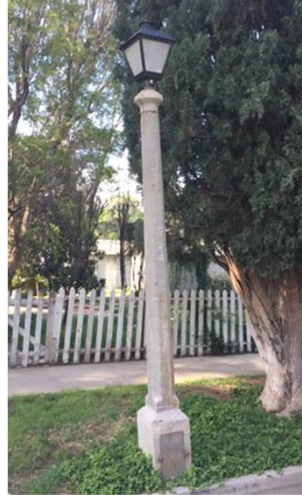


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AGING INFRASTRUCTURE

1. 100 year old streetlight system is deteriorating and cables are failing, creating maintenance and safety issues
2. Replacement of aged underground infrastructure is identified as priority in Utility 2.0 Electric Infrastructure Road Map



TOWN & COUNTRY TOP

TOWN & COUNTRY TOP WITH OLD KODIAK STANDARD

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STREETLIGHT STANDARDS

HISTORICAL ACORN TOP



OLD KODIAK STANDARD



NEW ACORN TOP WITH LED LAMP



NEW KODIAK STANDARD

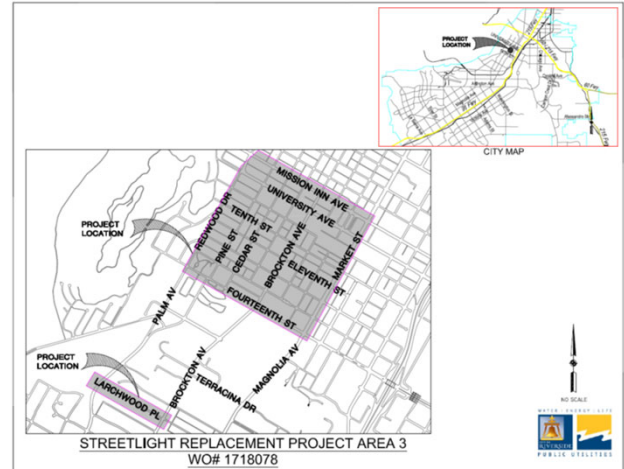
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PROJECT LOCATION

1. Wood Streets Phase 3 area, north of Fourteenth Street, south of Mission Inn Avenue, west of Market Street, east of Redwood Drive, and along Larchwood Place between Palm Avenue and Brockton Avenue
2. Project will upgrade 129 streetlight standards



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SCOPE OF WORK

1. Replacement of 129 streetlight standards with new concrete streetlight standards and paving
2. Install 16,000 feet of conduit
3. Install 18,400 circuit feet of secondary underground cable
4. 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	BID AMOUNT	RANK
Foddrill Construction Corporation	\$1,547,623.30	1st
E.E. Electric, Inc.	\$1,593,403.15	2nd
Alfaro Communications Construction, Inc.	\$1,753,707.28	3rd
Asplundh Construction LLC	\$1,906,102.44	4th
Elecnor Belco Electric, Inc.	\$1,961,354.00	5th
Calpromax Engineering, Inc.	\$2,125,595.20	6th
California Professional Engineering, Inc.	\$2,138,893.12	7 th
Comet Electric, Inc.	\$2,750,224.00	8th
KDC, Inc. dba Dynalectric	\$2,781,813.00	9th
Ferreira Construction Co., Inc.	\$2,986,521.00	10th
Doty Bros. Equipment Company	\$3,031,667.79	11th



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PROJECT AND FISCAL BREAKDOWN

Project and Fiscal Breakdown		
Work Type	Performed By	Amount (\$)
Project Management and Engineering	RPU Engineering and Operations	\$27,161.30
Civil and Electrical Construction	Foddrill Construction Corp.	\$1,547,623.30
Environmental Report	Dudek	\$56,076.80
Design		\$63,376.30
Construction Contingency – Contract (10%)		\$154,762.30
Work Order Total		\$1,849,000.00
Anticipated Start Date		September 2019
Anticipated Duration		18 weeks



CULTURAL HERITAGE BOARD

November 21, 2018 - Cultural Heritage Board recommended that City Council:

1. Determine Planning Case P18-0585 will not have significant effect on environment as it relates to historic resources
2. Adopt Mitigated Negative Declaration
3. Approve Case, based on findings thereby issuing a Certificate of Appropriateness for Streetlight Replacement Areas 3 to 5B with condition that light color temperature for luminaires shall be 2,200 Kelvins to retain historically appropriate light color warmth



PUBLIC UTILITIES BOARD

July 22, 2019 - Board of Public Utilities recommend that City Council:

1. Adopt the Mitigated Negative Declaration for the Streetlight Replacement for Areas 3 through 5B;
2. Award Bid No. RPU-7656 for the Streetlight Replacement Project – Phase 3, to Foddrill Construction Corporation, of Chino, California, in the amount of \$1,547,623.30; and
3. Approve Work Order No. 1718078 for a total capital expenditure of \$1,849,000 for the Streetlight Replacement Project – Phase 3.



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RECOMMENDATIONS

That the City Council:

1. Adopt the Mitigated Negative Declaration for the Streetlight Replacement for Areas 3 through 5B;
2. Award Bid No. RPU-7656 for the Streetlight Replacement Project – Phase 3 to Foddrill Construction Corporation, of Chino, California, in the amount of \$1,547,623.30; and
3. Approve Work Order No. 1718078 for a total capital expenditure of \$1,849,000 for the Streetlight Replacement Project – Phase 3.



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