

**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**

Board of Public Utilities  
July 22, 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. Total of 392 new streetlight standards have been installed
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

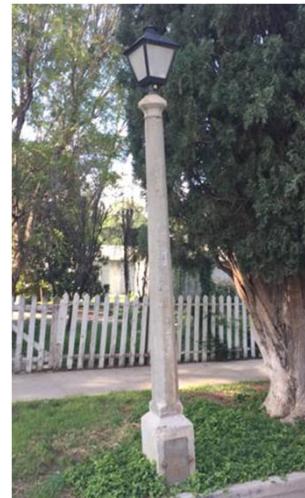
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## AGING INFRASTRUCTURE

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 &amp; COUNTRY TOP

TOWN & COUNTRY  
TOP WITH OLD  
KODIAK STANDARD

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## STREETLIGHT STANDARDS

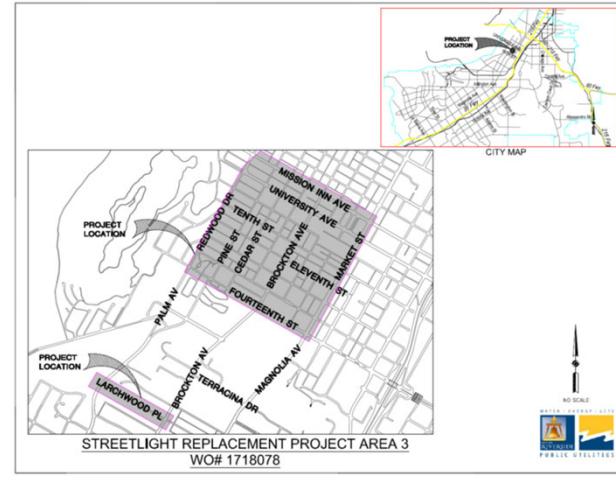
HISTORICAL  
ACORN TOPOLD KODIAK  
STANDARDNEW ACORN  
TOP WITH  
LED LAMPNEW KODIAK  
STANDARD

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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
<b>Foddrill Construction Corporation</b>	<b>\$1,547,623.30</b>	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	7th
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
<b>Work Order Total</b>		<b>\$1,849,000.00</b>
<b>Anticipated Start Date</b>		<b>September 2019</b>
<b>Anticipated Duration</b>		<b>18 weeks</b>

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## RECOMMENDATIONS

That the Board of Public Utilities recommend that the City Council:

1. 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;
2. Approve Work Order No. 1718078 for a total capital expenditure of \$1,849,000 for the Streetlight Replacement Project – Phase 3; and
3. Adopt the Mitigated Negative Declaration for the Proposed Streetlight Replacement for Areas 3 through 5B Project.

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