

RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: JULY 22, 2019

ITEM NO:

SUBJECT: BID NO. RPU-7656 FOR STREETLIGHT REPLACEMENT PROJECT – PHASE 3 WITH FODDRILL CONSTRUCTION CORPORATION IN THE AMOUNT OF \$1,547,623.30; WORK ORDER NO. 1718078 FOR A TOTAL CAPITAL EXPENDITURE OF \$1,849,000; AND PROJECT MITIGATED NEGATIVE DECLARATION

ISSUES:

Recommend that the City Council 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; approve Work Order No. 1718078 for a total capital expenditure of \$1,849,000; and adopt the Mitigated Negative Declaration for the Proposed Streetlight Replacement for Areas 3 through 5B Project.

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.

BACKGROUND:

On October 18, 2013, the Board of Public Utilities (Board) approved Work Order No. 0809099 and Work Order No. 0809101 for the design and construction, respectively, of the Wood Streets Streetlight Replacement Project – Phase 1, for a total amount of \$1,909,600. 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 Phase 2 of the Wood Streets Streetlight Replacement Project with Work Order No. 1523553, in the amount of \$2,300,000. The project included the installation of 187 new concrete streetlight standards similar to the standards used for Phase 1. The new streetlight standard replica used for both phases was approved by the Cultural Heritage Board (CHB) and is supported by neighborhood groups and organizations, including the Neighbors of the Wood Streets.

The Streetlight Replacement Project – Phase 3 will upgrade streetlight facilities north of Fourteenth Street to Mission Inn Avenue between Market Street and Redwood Drive, including Larchwood Place, also located in the Wood Streets. 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 129 new concrete streetlight standards, 15,000 trench feet, 16,000 feet of conduit, 78 pull-boxes, 18,400 circuit feet 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.

On November 21, 2018, the CHB approved the 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).

This project is the third of five (5) 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. Replacement of aged underground infrastructure is identified as part of the Utility 2.0 Electrical Infrastructure Road Map.

DISCUSSION:

Bid No. RPU-7656 for the Streetlight Replacement Project – Phase 3 was posted on the City's Online Bid System on March 11, 2019 and closed April 22, 2019. Eleven (11) vendors submitted bids for the project. Staff evaluated the bids and deemed Foddrill Construction Corporation to be the lowest responsive and responsible bidder. The bid was within the engineer's estimated amount of \$1,960,103.

Vendors	City Location	Bid Amount	Rank
Foddrill Construction Corporation	Chino, CA	\$1,547,623.30	1
E.E. Electric, Inc.	Mira Loma, CA	\$1,593,403.15	2
Alfaro Communications Construction, Inc.	Compton, CA	\$1,753,707.28	3
Asplundh Construction LLC	Anaheim, CA	\$1,906,102.44	4
Elecnor Belco Electric, Inc.	Chino, CA	\$1,961,354.00	5
Calpromax Engineering, Inc.	Placentia, CA	\$2,125,595.20	6
California Professional Engineering, Inc.	La Puente, CA	\$2,138,893.12	7
Comet Electric, Inc.	Chatsworth, CA	\$2,750,224.00	8
KDC, Inc. dba Dynalectric	Los Alamitos, CA	\$2,781,813.00	9
Ferreira Construction Co., Inc.	Rancho Cucamonga, CA	\$2,986,521.00	10
Doty Bros. Equipment Company	Norwalk, CA	\$3,031,667.79	11

➤ *Engineer's Estimate*

\$1,960,103.00

The project and fiscal breakdown is proposed as follows:

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

RPU engineering staff performed the design to eliminate any negative visual impacts to the project and surrounding area, with sensitivity to the existing neighborhood, and within City Planning guidelines for the designated area of the project.

The Purchasing Manager concurs that the recommended bid award is in compliance with Purchasing Resolution No. 23256

FISCAL IMPACT:

The total fiscal impact is \$1,849,000. Sufficient funds are available in Public Utilities Electrical Capital Account No. 6130200-470637.

Prepared by: George R. Hanson, Utilities Assistant General Manager/Energy Delivery
Approved by: Todd M. Corbin, Utilities General Manager
Approved by: Al Zelinka, FAICP, City Manager
Approved as to form: Gary G. Geuss, City Attorney

Certifies availability
of funds: Brian Seinturier, Utilities Fiscal Manager

Attachments:

1. Site Map
2. BID Award Recommendation
3. Mitigated Negative Declaration
4. Presentation