

RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: APRIL 10, 2017

ITEM NO: 5

SUBJECT: **AWARD BID NO. 1319813-17RPU FOR THE CONDUIT AND CABLE REPLACEMENT CANYON CREST AREA CIRCUIT 1218 AREA 1D PROJECT TO ASPLUNDH CONSTRUCTION CORPORATION OF ANAHEIM, CALIFORNIA, IN THE AMOUNT OF \$329,738.50 - APPROVE WORK ORDER NO. 1319813 FOR \$967,000**

ISSUES:

Award Bid No. 1319813-17RPU to Asplundh Construction Corp., Anaheim, California, for the Conduit and Cable Replacement Canyon Crest Area Circuit 1218 Area 1D Project, in the amount of \$329,738.50; and approve the capital expenditure of \$967,000 for Work Order No. 1319813.

RECOMMENDATIONS:

That the Board of Public Utilities:

1. Award Bid No. 1319813-17RPU for the Conduit and Cable Replacement Canyon Crest Area Circuit 1218 Area 1D Project, to the lowest responsive bidder Asplundh Construction Corp., Anaheim, California, in the amount of \$329,738.50; and
2. Approve Work Order No. 1319813 in the amount of \$967,000.

BACKGROUND:

On July 11, 2016, the Board of Public Utilities received the Planned Routine Electric and Water Capital Projects Over \$500,000 in Fiscal Year 2016/17 report. The report provides an overview of the routine infrastructure projects and highlights the importance of these capital improvement projects. Discussion of these projects provided context and familiarity to streamline Board approval of individual project actions throughout the fiscal year.

DISCUSSION:

One of the projects discussed was the planned replacement of obsolete High Molecular Weight Polyethylene (HMPE) Cable-in-Conduit (CIC) system in the Canyon Crest residential area. This area has experienced the highest incidence of cable failures, over the past 10 years, and was prioritized for cable replacement to enhance electric system reliability.

This project will replace existing aged infrastructure with new conduit and underground electrical distribution facilities to improve the electric service to customers in the area. A new electrical system loop will help reduce outage interruptions times. Replacement of aged underground infrastructure is identified as part of the Utility 2.0 Electric Infrastructure Road Map.

The work will upgrade electric distribution facilities west of Canyon Crest Drive, including all streets between Central Avenue, Via Viejo and Via Cartago. The work includes the installation of approximately 2,623 trench feet of conduit, 8,672 circuit feet of underground primary cable, four primary pull-boxes, street

paving and related electrical distribution facilities. The scope also includes the removal 4,700 circuit feet of aged electrical cable, two transformers and related distribution facilities. Intermittent electric service disruptions will be coordinated during construction and advanced outage notifications will be issued to minimize the impact to customers.

Bid 1319813-17RPU was posted on January 10, 2017 and closed February 8, 2017. Eight vendors submitted bids for the work. Staff evaluated the bids and deemed Asplundh Construction Corp., Anaheim, CA to be the lowest responsive and responsible bidder. The bid was within the engineer's estimated amount of \$405,117. The bids are summarized in the table below:

Vendors	City Location	Bid Amount	Rank
1. Asplundh Construction Corp.	Anaheim, CA	\$329,738.50	1
2. Doty Bros. Construction Co.	Norwalk, CA	\$331,770.85	2
3. E.E. Electric, Inc.	Fontana, CA	\$347,007.10	Non-responsive
4. Hot Line Construction, Inc.	Brentwood, CA	\$377,896.00	4
5. Stronghold Engineering, Inc.	Riverside, CA	\$394,863.00	Non-responsive
6. Henkels & McCoy	Pomona, CA	\$523,131.38	6
7. PAR Electrical Contractors, Inc.	Rancho Cucamonga, CA	\$655,732.29	7
8. VCI Construction, LLC	Upland, CA	\$768,026.26	8

➤ *Engineer's Estimate*

\$405,117

Riverside Public Utilities 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 project breakdown is proposed as follows:

Project Breakdown	
Engineering Performed By:	RPU Engineering Staff
Civil Construction Performed By:	Asplundh Construction Corp.
Electrical Work Performed By:	RPU field forces
Anticipated Start Date:	May 15, 2017
Anticipated Duration:	16 Weeks
Coordination Required With:	RPU Field Superintendent, PW Inspector
Reimbursements:	None

The Purchasing Services Manager concurs that the recommended actions comply with the City of Riverside's Purchasing Resolution No. 22576.

FISCAL IMPACT:

The capital expenditure for Work Order No. 1319813 is \$967,000. Sufficient funds are available in Public Utilities' Electric Capital Account No. 6130000-470635.

Description	Amount (\$)	% of Total
Design, Construction Management, Inspection, Contingency	\$172,430.30	18%
Construction Contract	\$329,738.50	34%
Electric Construction Underground	\$464,831.20	48%
Total	\$967,000.00	100%

Prepared by: George Hanson, Utilities Assistant General Manager/Energy Delivery
Approved by: Girish Balachandran, Utilities General Manager
Approved by: John A. Russo, City Manager
Approved as to form: Gary G. Geuss, City Attorney

Certifies availability
of funds: Laura Chavez-Nomura, Utilities Assistant General Manager/Finance

Attachments:

1. Bid Award Recommendation
2. Presentation

Project Site Map

