

RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: JANUARY 08, 2018

ITEM NO: 6

SUBJECT: **AWARD BID NO. RPU-7506 FOR THE CONDUIT AND CABLE REPLACEMENT FOR CANYON CREST AREA 1F, PHASE 1 PROJECT TO HOT LINE CONSTRUCTION INC. OF BRENTWOOD, CALIFORNIA, IN THE AMOUNT OF \$607,345.40 – APPROVE WORK ORDER NO. 1713398 FOR \$739,000**

ISSUES:

Award Bid No. RPU-7506 to Hot Line Construction Inc. of Brentwood, California, for the Conduit and Cable Replacement Canyon Crest Area 1F, Phase 1 Project, in the amount of \$607,345.40; approve contract contingency of 10% in the amount of \$60,734.54; and approve the capital expenditure of \$739,000 for Work Order No. 1713398.

RECOMMENDATIONS:

That the Board of Public Utilities:

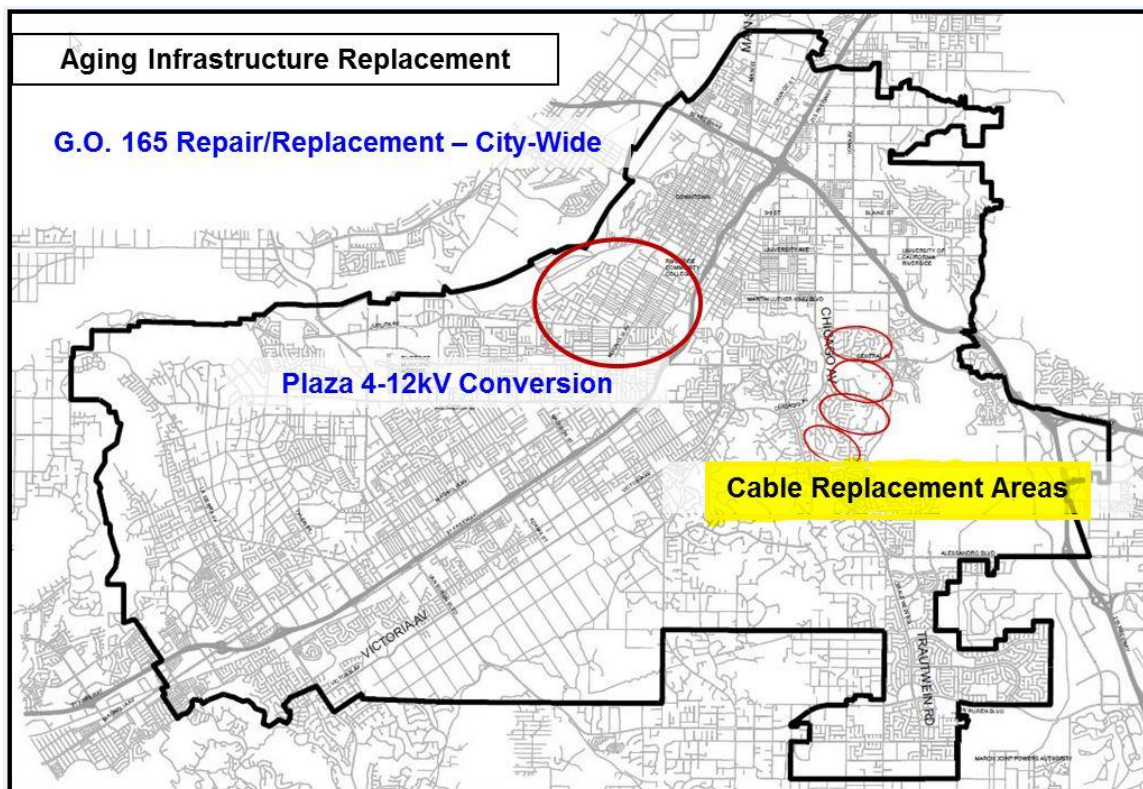
1. Award Bid No. RPU-7506 for the Conduit and Cable Replacement for Canyon Crest Area 1F, Phase 1 Project, to the lowest responsive bidder Hot Line Construction Inc. of Brentwood, California in the amount of \$607,345.40; and
2. Approve Work Order No. 1713398 for \$739,000.

BACKGROUND:

On July 10, 2017, the Board of Public Utilities received the Planned Routine Electric and Water Capital Projects Over \$500,000 in Fiscal Year 2017/18 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.

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

Proactive cable replacement in the Canyon Crest Area has been divided into five different areas to minimize service disruptions to the highly populated apartments during construction. Intermittent electric service disruptions will be coordinated during construction and advanced outage notifications will be issued to minimize the impact to customers.



Scope: Cable Replacement (Canyon Crest Area 1F, Phase 1)

The scope of work will upgrade electric distribution facilities west of Canyon Crest Drive, south of Country Club Drive, north of Ransom Road and east of Via Coiba and Claridge Drive. The work includes the installation of approximately 3,430 trench feet of conduit, 3,100 circuit feet of underground primary cable, retrofit of five primary underground structure covers, installation of five transformers, sidewalk concrete work, street paving, traffic control, and related electrical distribution facilities. The scope also includes the removal of 2910 circuit feet of aged primary electrical cable, removal of five transformers and related underground distribution facilities.

This project will replace existing aging infrastructure with new conduit and underground electrical distribution facilities to improve system reliability and safety, improve power quality and service to customer in the area, and replace aging infrastructure that's beyond its useful life. Replacement of deteriorated cables and related underground distribution facilities is identified as part of the Utility 2.0 Electric Infrastructure Road Map.

DISCUSSION:

Bid No. RPU-7506 was posted on the City's Bid System on September 21, 2017 and closed November 14, 2017. Seven bidders submitted bids for the specified work. Staff evaluated the bids and deemed Hot Line Construction Inc., Brentwood, CA to be the lowest responsive and responsible bidder. The bid was within the engineer's estimate of \$754,215. The bids are summarized in the table below:

Bidders	Location	Bid Amount	Evaluation
1. Hot Line Construction Inc.	Brentwood, CA	\$607,345.40	Lowest Responsive and Responsible Bidder
2. Outsource UCC	Anaheim, CA	\$694,770.84	2 nd
3. VCI Utility Services, llc. dba Vantage Utility Services	Upland, CA	\$726,108.47	3 rd
4. Henkels & McCoy	Pomona, CA	\$737,924.16	4 th
5. VCI Construction, LLC	Upland, CA	\$739,605.50	5 th
6. Asplundh Construction Corp	Anaheim, CA	\$757,143.40	6 th
7. Doty Bros. Construction Co.	Norwalk, CA	\$991,984.00	7 th

➤ *Engineer's Estimate*

\$754,215

Riverside Public Utilities (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 project breakdown is proposed as follows:

Project Breakdown	
Engineering Performed By:	RPU engineering staff
Civil Construction Performed By:	Hot Line Construction Inc.
Electrical Work Performed By:	RPU field forces
Anticipated Start Date:	February 5, 2018
Anticipated Duration:	10 weeks
Coordination Required With:	RPU Field Superintendent, PW Inspector
Reimbursements:	None

The Purchasing Manager concurs that the recommended actions comply with Purchasing Resolution No. 22576.

The breakdown for the total capital expenditure is as follows:

DESCRIPTION	AMOUNT (\$)	% OF TOTAL
Design, Construction Management, Inspection	\$39,741	6%
Construction Contract	\$607,345	82%
Contract Contingency- 10% of Construction Contract	\$60,734	8%
Electric Construction Underground	\$31,180	4%
Work Order Total	\$739,000	100%

FISCAL IMPACT:

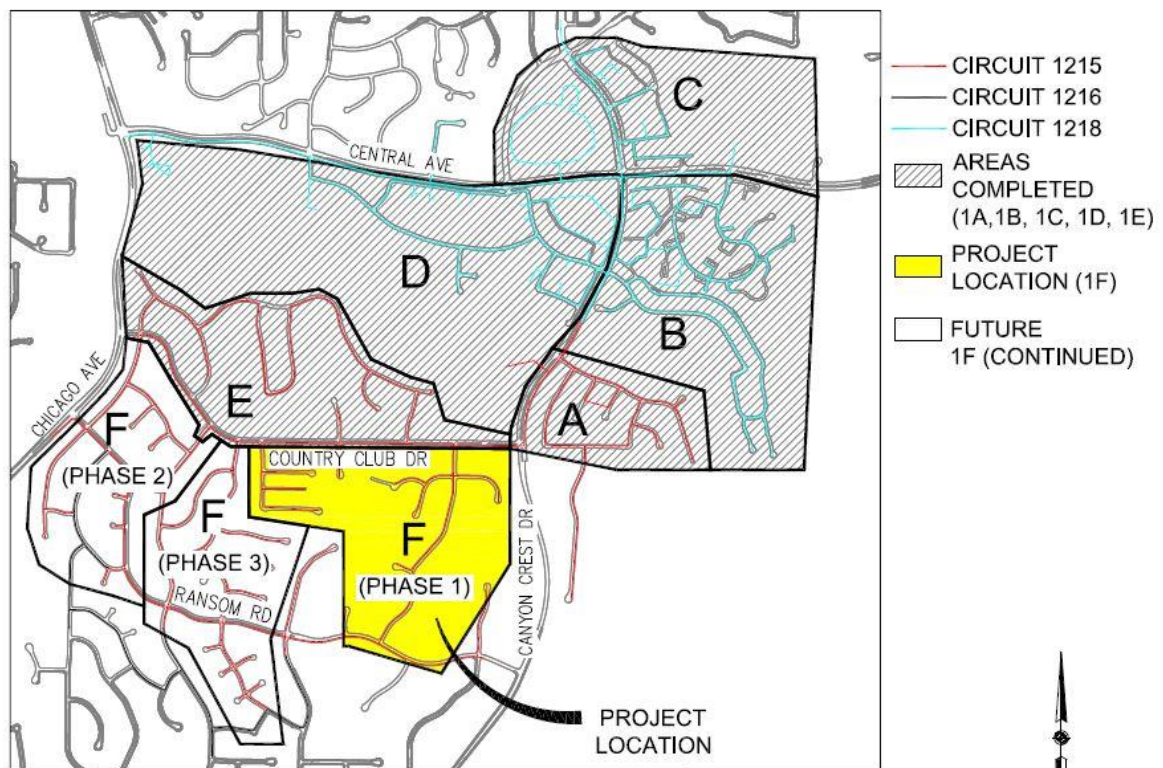
The total fiscal impact is \$739,000. Sufficient funds are available in Public Utilities Cable Replacement Capital Account No. 6130000-470635.

Prepared by: George R. 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



**CANYON CREST AREA 1 F (PHASE 1)
CONDUIT & CABLE REPLACEMENT
W.O. # 1713398**

