

RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: SEPTEMBER 23, 2019

ITEM NO: 6

SUBJECT: BID NO. RPU-7637 FOR CONDUIT AND STRUCTURE INSTALLATION FOR CABLE REPLACEMENT PROJECT LOCATED NEAR MERLIN DRIVE AND PERCIVAL DRIVE FROM HOT LINE CONSTRUCTION IN THE AMOUNT OF \$556,607.25; AND WORK ORDER NO. 1833153 FOR A TOTAL CAPITAL EXPENDITURE OF \$740,000

ISSUES:

Award Bid No. RPU-7637 for the conduit and structure installation for the cable replacement project located near Merlin Drive and Percival Drive, to Hot Line Construction, Inc., of Brentwood, California, in the amount of \$556,607.25 and approve Work Order No. 1833153 for a total capital expenditure of \$740,000 work related to the project.

RECOMMENDATIONS:

That the Board of Public Utilities:

1. Award Bid No. RPU-7637 for the conduit and structure installation for the cable replacement project located near Merlin Drive and Percival Drive, to Hot Line Construction, Inc., of Brentwood, California, in the amount of \$556,607.25; and
2. Approve Work Order No. 1833153 for a total capital expenditure of \$740,000 for work related to the project.

BACKGROUND:

Due to a primary cable burn-up on Merlin Drive and Lancelot Court, contract crews and Public Utilities (RPU) electric field crews replaced a portion of aged High Molecular Weight Polyethylene (HMPE) cable at the proposed project location. Existing primary cable-in-conduit feeding multiple underground structures serving the neighborhood near Merlin Drive and Percival Drive must be replaced with new conduit and cable.

As part of RPU's cable replacement program, the remaining sections of deteriorated cable and related underground distribution facilities will be proactively replaced to enhance electric system reliability and safety, improve power quality and service to customers, and improve system operation and outage response in the neighborhood. Replacement of aged underground infrastructure is identified as part of the Utility 2.0 Electric Infrastructure Road Map.

DISCUSSION:

The project will upgrade electric distribution facilities west of Horace Street, south of Victoria Ave., north of the Gage Canal, and east of Kevin Court. The facilities targeted for replacement were installed over 40 years ago. The scope of work includes the installation of approximately 2,973 trench feet of conduit, approximately 3,211 linear feet of new underground primary cable, and related electrical distribution facilities. The work also includes the removal of approximately 2,500 linear feet of aging primary cable. Intermittent electric service disruptions will be coordinated during construction and advanced outage notifications will be issued to minimize the impact on customers.

Bid No. RPU-7637 for the conduit and structure installation of the cable replacement project located near Merlin Drive and Percival Drive was posted on the City's Online Bid System on May 30, 2019 and closed July 3, 2019. Eight (8) vendors submitted bids for the specified work. Staff evaluated the bids and deemed Hot Line Construction Inc., to be the lowest responsive and responsible bidder. The bid was within the engineer's estimated amount of \$717,159. The bids are summarized in the table below:

Vendors	City Location	Bid Amount	Rank
Hot Line Construction, Inc.	Brentwood, CA	\$556,607.25	1
Asplundh Construction LLC	Anaheim, CA	\$565,131.40	2
VCI Utility Services, LLC	Upland, CA	\$567,910.00	3
VCI Construction, LLC	Upland, CA	\$568,491.85	4
Doty Bros. Equipment Company	Norwalk, CA	\$580,220.51	5
International Line Builders	Pomona, CA	\$592,653.20	6
E.E. Electric Inc.	Fontana, CA	\$609,915.34	7
California Professional Engineering Inc.	Rowland Heights, CA	\$383,735.50	Non Responsive

➤ *Engineer's Estimate*

\$717,159.00

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 and fiscal breakdown is as follows:

Project and Fiscal Breakdown		
Work Type	Performed By:	Amount (\$)
Project Management and Engineering	RPU Engineering and Operations	\$24,140
Civil Construction:	Hot Line Construction, Inc.	\$556,608
Electrical Work	RPU Field Forces	\$52,850
Design	RPU Engineering	\$50,741
Construction Contingency – Contract (10%)		\$55,661
Work Order Total:		\$740,000
Anticipated Start Date:		October 2019
Anticipated Duration:		10 weeks

The Purchasing Manager concurs that the recommended actions are in compliance with Purchasing Resolution No. 23256.

FISCAL IMPACT:

The total fiscal impact is \$740,000. Sufficient funds are available in Public Utilities Electrical Cable Replacement Account No. 6130100-470635.

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. Map
2. Award Recommendation
3. Presentation