

RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: APRIL 22, 2019

ITEM NO: 9

SUBJECT: CABLE REPLACEMENT AT THE BUSINESS COMPLEX NEAR GIBSON STREET AND INDIANA AVENUE - WORK ORDER NO. 1909017 FOR \$70,000

ISSUE:

Approve Work Order No. 1909017 in the amount of \$70,000 for the Cable Replacement at the Business Complex near Gibson Street and Indiana Avenue.

RECOMMENDATION:

That the Board of Public Utilities approve Work Order No. 1909017 in the amount of \$70,000 for the cable replacement at the Business Complex near Gibson Street and Indiana Avenue.

BACKGROUND:

Existing primary cable-in-conduit from a power pole to an existing underground structure serving the Business Complex near Gibson Street and Indiana Avenue, must be replaced with new conduit and cable. Electric field crews replaced the aged high molecular weight polyethylene (HMPE) cable and transformers throughout this complex last year, and this is the last section remaining of HMPE cable in this complex to be replaced.

This project will replace existing aging infrastructure with new conduit and underground electrical distribution facilities to improve the electric service to customers in the area. Replacement of aged underground infrastructure was identified as part of the Utility 2.0 Electric Infrastructure Road Map.

DISCUSSION:

This project will upgrade the main electrical feed to the Business Complex. The scope of work includes the installation of approximately 292 trench feet of conduit, approximately 1,800 linear feet of new underground primary cable, and related electrical distribution facilities. The work also includes the removal of approximately 1,800 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.

In accordance with the Purchasing Resolution No. 23256, sections 406 and 407, engineering staff solicited informal bids through Energy Delivery's Contractors panel for the civil construction part of the project. Three vendors submitted bids for the specified work. Staff evaluated the bids and deemed Doty Bros. Equipment Company of Norwalk, California, to be the lowest responsive and responsible bidder. The bid was within the engineer's estimated amount of \$36,689. The bids are summarized in the table below:

Vendors	City Location	Bid Amount	Rank
Doty Bros Equipment Co.	Norwalk, CA	\$32,832.96	1
VCI Construction, LLC	Upland, CA	\$33,985.00	2
Hot Line Construction Inc.	Brentwood, CA	\$51,669.36	3
➤ <i>Engineer's Estimate</i>		\$36,689.00	

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 and fiscal breakdown is as follows:

Project and Fiscal Breakdown		
Work Type	Performed By:	Amount (\$)
Project Management and Engineering	RPU Engineering and Operations	\$3,638
Civil Construction:	Contractor	\$32,833
Electrical Work	RPU Field Forces	\$21,757
Design	RPU Engineering	\$8,489
Construction Contingency – Contract (10%)		\$3,283
Work Order Total:		\$70,000
Anticipated Start Date:		June 2019
Anticipated Duration:		3 Weeks

FISCAL IMPACT:

The total fiscal impact is \$70,000. Sufficient funds are available in Public Utilities Cable Replacement Capital 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: Aileen Ma, Interim Utilities Assistant General Manager/Finance & Administration

Attachment: Project Site Map