

RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: MAY 11, 2020

ITEM NO: 4

SUBJECT: **BID NO. 7743 FOR THE INSTALLATION OF FIBER OPTIC CIVIL INFRASTRUCTURE WITH DOTY BROS. EQUIPMENT COMPANY, IN THE AMOUNT OF \$50,629**

ISSUE:

Award Bid No. 7743 for the installation of fiber optic civil infrastructure to Doty Bros. Equipment Company, of Norwalk, California, in the amount of \$50,629.

RECOMMENDATION:

That the Board of Public Utilities award Bid No. 7743 for the installation of fiber optic civil infrastructure to Doty Bros. Equipment Company, of Norwalk, California, in the amount of \$50,629.

BACKGROUND:

On October 22, 2018, the Board of Public Utilities approved Work Order No. 1423748 in the amount of \$1,265,000 to upgrade the fiber optic cable between Freeman and Orangecrest Substations to improve the fiber optic communications system. The fiber network infrastructure is instrumental to the operation, reliability, and security of the electric grid.

Riverside Public Utilities (RPU) will replace aged 12-strand fiber optic cable with 144-strand standard fiber optic cable to improve capacity, reliability and redundancy of the fiber optic network system.

Work Order No. 1423748 included \$45,000 in estimated cost for civil infrastructure construction to be performed by RPU's Electric Contractor's Panel. Staff anticipated returning to the Board to award a contract for the civil work, if lowest responsive bid exceeded \$50,000.

The fiber optic cable installation, testing, and commissioning is being performed by RPU crews. The project is currently 60% complete, with the exception of the civil infrastructure work needed to complete the remaining fiber network cable installation.

DISCUSSION:

The scope of work of the fiber optic network project includes the construction of civil infrastructure facilities and equipment. The contract scope includes the installation of 53 feet of trenching, backfilling & restoration, 102 feet of four-inch conduit, 26-feet of retaining wall, four (4) poured-in-place concrete pads for fiber optic cabinets, four (4) pull boxes, and associated components.

Bid No. 7743 for this work was posted on the City's Online Bid System on January 23, 2020 and closed

on February 13, 2020. Two (2) 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 below the engineer's estimated amount of \$61,816.44 but higher than the Board approved amount of \$45,000. The original engineer's estimate of \$45,000 did not include a 26-foot retaining wall and four (4) pull boxes to be supplied by the Contractor.

Two (2) bids were received, and the respective amounts are summarized in the table below:

Vendors	City Location	Bid Amount	Rank
Doty Bros. Equipment Co.	Norwalk, CA	\$50,629.44	1
VCI Construction, LLC	Upland, CA	\$62,614.50	2

➤ *Engineer's Estimate* \$61,816.44

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.

Civil construction work is anticipated to start in June 2020 and completed within in three weeks from the Notice to Proceed date. The overall project is anticipated to be completed December 2020.

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

FISCAL IMPACT:

There is no additional fiscal impact associated with the award of Bid No. 7743.

Previously approved Work Order No. 1423748 in the amount of \$1,265,000, included \$115,000 for project contingency; \$5,629.44 from this contingency will be allocated and added to the previously approved \$45,000 to cover total cost of \$50,629.44 associated with the civil infrastructure construction work.

Sufficient funds are available in Public Utilities Electrical Capital Account No. 6130000-470664.

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. Project Site Map
2. Award Recommendation