

RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: JUNE 8, 2020

ITEM NO: 7

SUBJECT: BID NO. RPU-7747 FOR THE INSTALLATION OF TWO STEEL POLE BASES WITH ASPLUNDH CONSTRUCTION, LLC. IN THE AMOUNT OF \$90,000.00; ADDITIONAL CAPITAL EXPENDITURE OF \$80,000 FOR WORK ORDER NO. 1503115 FOR A REVISED TOTAL CAPITAL EXPENDITURE OF \$380,000

ISSUES:

Award Bid No. RPU-7747 for the Installation of two steel pole bases to Asplundh Construction, LLC, of Cypress, California, in the amount of \$90,000.00; and approve an additional capital expenditure in the amount of \$80,000 for work order No. 1503115 for a revised total capital expenditure of \$380,000.

RECOMMENDATIONS:

That the Board of Public Utilities:

1. Award Bid No. 7747 for the Installation of two Steel Pole Bases to Asplundh Construction, LLC. of Cypress, California, in the amount of \$90,000; and
2. Approve additional capital expenditure in the amount of \$80,000 for Work Order No. 1503115 for a revised total capital expenditure of \$380,000.

BACKGROUND:

On December 18, 2015, the Board of Public Utilities approved Work Order No. 1503115 in the amount of \$300,000, for the replacement of two Poles and overhead switches on the Freeman-Kaiser-Harvey Lynn 69kV sub-transmission overhead line. At the time of approval, the installation of the two steel pole bases and associated work was anticipated to be performed by RPU field forces. However, due to an increase development work for new connections, and emergency work, this project was delayed. RPU staff continued to coordinate the need to complete this project and determined that contracting the installation of the bases for the steel poles was the most effective path forward. Furthermore, this path forward would avoid further construction delays.

Overall, this project will replace existing aging infrastructure with new 69kV overhead transmission and 12kV distribution facilities to maintain and improve the reliability of electric service to customers in the area. Replacement of aging overhead infrastructure was identified as part of the Utility 2.0 Electric Infrastructure Road Map.

The scope of work for Bid No. RPU-7747 only includes the installation of two steel pole bases by the contractor near Magnolia Avenue and Polk Street. The pole bases will be installed by directly embedding them into the ground without the need for a drilled pier foundation due to the smaller loads acting on the structure.



Typical steel pole base directly embedded into the ground

The scope of work to be completed by RPU Electric Crews for this project includes the installation of two 95-foot steel poles (which are placed on the bases that will be contracted out), two 69kV overhead switches, related electrical transmission and distribution facilities, and the relocation of two streetlights. The work also includes the removal of two (2) warped wooden poles as well as two (2) misaligned overhead switches which are difficult to operate and maintain.

Outage notifications will be issued prior to any work, and any resulting intermittent electric service disruptions will be coordinated with customers during construction to minimize impact.

DISCUSSION:

Bid No. RPU-7747 for the Installation of two (2) steel pole bases on the Freeman-Kaiser-Harvey Lynn 69kV sub-transmission line was posted on the City's Online Bid System on February 20, 2020 and closed March 20, 2020. Only one (1) Bidder submitted a bid for the project. Staff evaluated the bid and deemed Asplundh Construction, LLC, of Cypress, California, to be the lowest responsive and responsible bidder. The bid was slightly higher than the engineer's estimate amount of \$85,512.19 due to higher costs associated with the transportation and installation of the steel pole bases and traffic control needed at the

project site.

Vendors	City Location	Bid Amount	Rank
Asplundh Construction LLC	Anaheim, CA	\$90,000.00	1
➤ Engineer's Estimate		\$86,000	

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/fiscal breakdown is as follows:

Project and Fiscal Breakdown				
Work Type	Performed by:	12/18/2015 Estimate Amount (\$)	6/8/2020 Revised Estimate Amount (\$)	Increased Work Order Amount (\$)
Design and Inspection	Leidos, Inc, RPU Engineering, and RPU Operations	\$96,000	\$121,639	\$25,639
Procurement (Engineered Steel Poles, Switches)	RPU Engineering and Vendors	\$79,019	\$85,039	\$6,020
Electrical Work:	RPU Field Forces	\$124,981	\$74,322	(\$50,659)
Civil Construction:	Asplundh Construction, LLC	Not applicable	\$90,000	\$90,000
Construction Contingency- Contract (10%)		\$0	\$9,000	\$9,000
Work Order Total:		\$300,000	\$380,000	\$80,000
Anticipated Start Date:	July 2020			
Anticipated Duration:	12 weeks			

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

FISCAL IMPACT:

The total fiscal impact is \$80,000. The additional increase of \$80,000 results in a revised total capital expenditure of \$380,000. Sufficient funds are available in Public Utilities Electric Capital Account No. 6130000-470620.

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