

RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: JUNE 10, 2019

ITEM NO: 14

SUBJECT: BID NUMBER RPU-7603 FOR GENERAL ORDER 165 POLE REPLACEMENTS AT VARIOUS LOCATIONS THROUGHOUT CITY WITH ASPLUNDH CONSTRUCTION LLC OF ANAHEIM, CALIFORNIA, IN THE AMOUNT OF \$1,545,980.00 – TOTAL CAPITAL EXPENDITURE OF \$2,301,305

ISSUES:

Award Bid Number RPU-7603 for General Order 165 Pole Replacements at various locations throughout the City to Asplundh Construction LLC of Anaheim, California, in the amount of \$1,545,980; and approve the total capital expenditure of \$2,301,305 for work associated with the project.

RECOMMENDATIONS:

That the Board of Public Utilities:

1. Award Bid Number RPU-7603 for General Order 165 Pole Replacements at various locations throughout the City to Asplundh Construction LLC of Anaheim, California, in the amount of \$1,545,980; and
2. Approve the total capital expenditure of \$2,301,305 for work associated with the project.

BACKGROUND:

Pole replacements continue to be a major focus for Riverside Public Utilities (RPU) given their impact on public and worker safety, and their essential role in service reliability to customers. The pole replacement program is a major part of Utility 2.0 and has been broken down into different phases to keep up with the strategic plan for achieving RPU's Utility 2.0 objective. The 100 wooden pole replacement in various locations throughout the City is a planned replacement based upon the results of detailed and intrusive inspections. Detailed inspections identify poles which are at risk of failure and have the potential of becoming a public safety hazard and adversely affect the electric system's reliability.

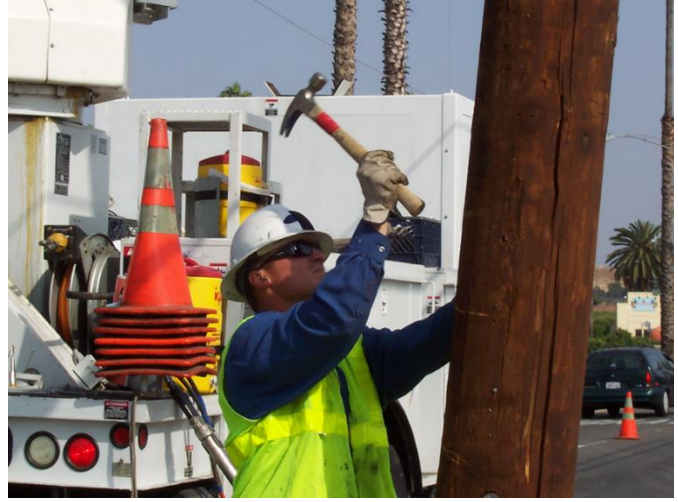
Outage notifications will be issued prior to any work commencement, and any resulting electric service disruptions will be coordinated with customers to minimize any impact.

There are multiple work orders associated with replacing 100 utility poles, including transmission, distribution, and secondary poles. The scope of work includes replacing all related overhead equipment, including transformers, cross-arms, and cables and upgrading all related components to comply with current construction standards.

This project will upgrade existing deteriorated poles and related overhead distribution facilities to improve system reliability and safety, improve power quality and service to customers in the area, and replace aging infrastructures that is beyond its useful life. Replacement of deteriorated overhead poles and related overhead facilities is identified as part of the Utility 2.0 Electric Infrastructure Road Map.



POLE TAGGED FOR REPLACEMENT



POLE INSPECTION



POLE REPLACEMENT

DISCUSSION:

Bid Number RPU-7603 was posted on December 11, 2018, and closed on February 15, 2019. Five (5) vendors submitted bids in response to the posting. Staff evaluated the bids and deemed Asplundh Construction LLC, of Anaheim, California to be the lowest responsive and responsible bidder. The bid was above the engineer's estimate of \$1,500,000, which was derived from historical data of recently awarded contracts of similar scope. The 3% increase could be a result of labor shortages due to the California wildfires.

The bids are summarized in the table below:

Vendors	City Location	Bid Amount	Rank
1. Asplundh Construction LLC.	Anaheim, CA	\$1,545,980.00	1
2. Hot Line Construction Inc.	Brentwood, CA	\$1,547,100.00	2
3. Western Construction Specialists, Inc	Santa Fe Springs, CA	\$1,784,209.43	3
4. E.E. Electric, Inc	Mira Loma, CA	\$2,172,058.00	4
5. Henkels & McCoy, Inc.	Pomona, CA	\$2,458,598.00	5
➤ <i>Engineer's Estimate</i>		\$1,500,000	

RPU engineering staff completed 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:	Asplundh Construction LLC.
Electrical Work Performed By:	Asplundh Construction LLC.
Anticipated Start Date:	September 02, 2019
Anticipated Duration:	100 days
Coordination Required With:	RPU Field Superintendent and Public Works
Reimbursements:	None

The cost breakdown is proposed as follows:

Description	Amount (\$)
Design, Construction Management and Inspection	\$434,755
Construction Contract	\$1,545,980
Contract Contingency (\$100,000 plus 1% of \$545,980)	\$105,460
Overhead Electrical Materials	\$215,110
Total	\$2,301,305

The Purchasing Services Manager concurs that the recommended actions comply with Purchasing Resolution No. 23256.

FISCAL IMPACT:

The total fiscal impact is \$2,301,305. Sufficient funds are available in the Fiscal Year 2019-20 budget in Public Utilities General Order 165 Overhead Capital Account Number 6130100-470623.

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 Area Map
2. Bid Award Recommendation
3. Presentation