

RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: SEPTEMBER 25, 2017

ITEM NO: 6

SUBJECT: **AWARD BID NO. RPU-7481 FOR GENERAL ORDER 165 POLE REPLACEMENTS AT VARIOUS LOCATIONS THROUGHOUT THE CITY AND MATERIAL STORAGE YARD FENCE PROJECT TO ASPLUNDH CONSTRUCTION CORPORATION OF ANAHEIM, CALIFORNIA, IN THE AMOUNT OF \$696,990 – APPROVE TOTAL CAPITAL EXPENDITURE OF \$1,125,000**

ISSUE:

Award of Bid No. RPU-7481 to Asplundh Construction Corporation of Anaheim, California, for General Order 165 Pole Replacements at various locations throughout the City and Material Storage Yard Fence Project, in the amount of \$696,990; and approve total capital expenditure of \$1,125,000.

RECOMMENDATIONS:

That the Board of Public Utilities:

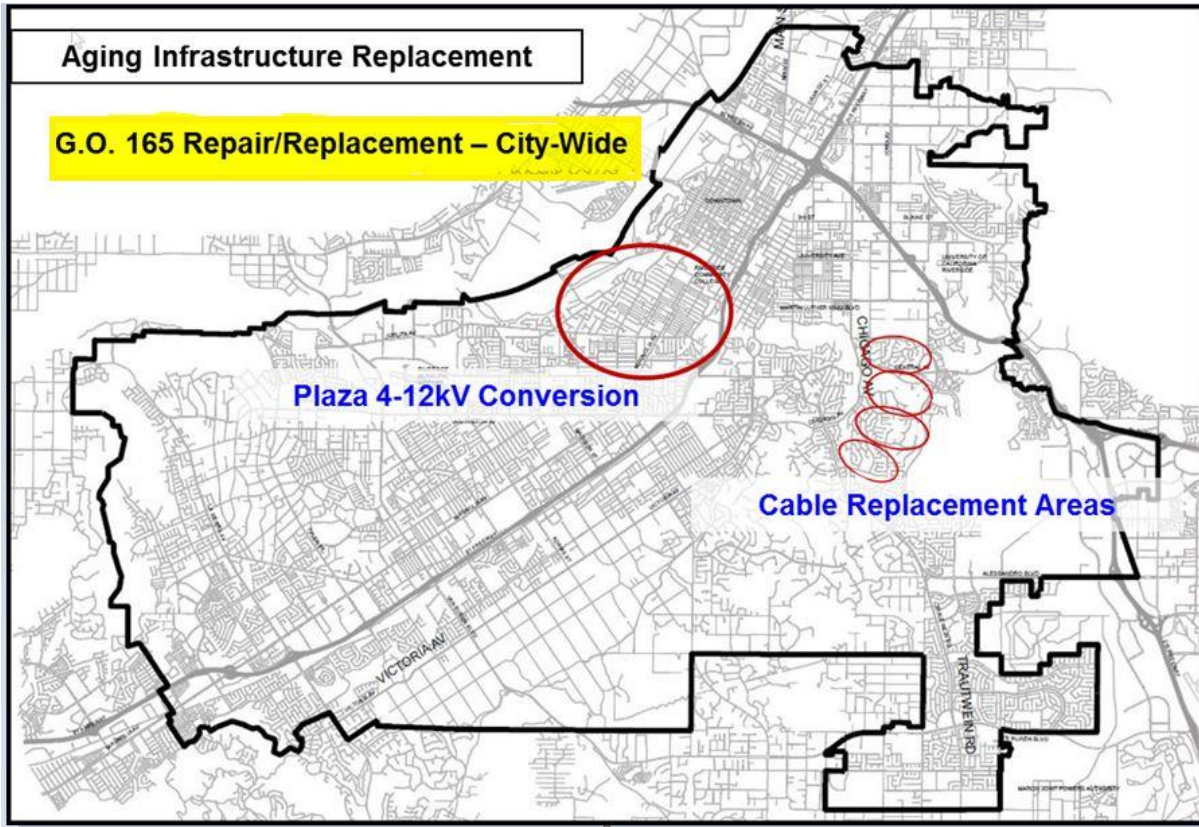
1. Award Bid No. RPU-7481 for General Order 165 Pole Replacements at Various Locations throughout the City and Material Storage Yard Fence Project, to the lowest responsive responsible bidder Asplundh Construction Corporation, Anaheim, California, in the amount of \$696,990; and
2. Approve total capital expenditure of \$1,125,000.

BACKGROUND:

On July 10, 2017, the Board of Public Utilities received the Planned Routine Electric and Water Capital Projects Over \$500,000 in Fiscal Year 2017/2018 report. The report provides an overview of the routine infrastructure projects and highlights the importance of these capital improvement projects. Discussion of these projects provided context and familiarity to streamline Board approval of individual project actions throughout the fiscal year.

One of the projects discussed was the planned replacement of 200 existing wooden poles in various locations based upon the results of 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.



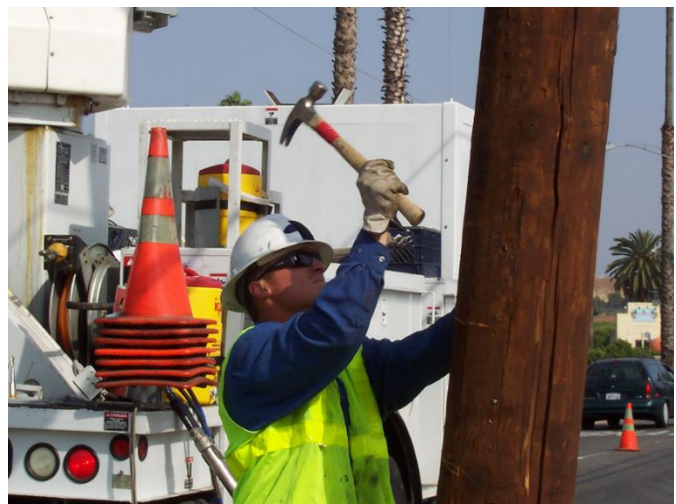
Scope: G.O. 165 Pole Replacements Project City-Wide

There are multiple work orders associated with replacing 75 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. The scope includes the removal of overhead transformers, deteriorated wooden poles, conductors, cross-arms and insulators. The scope of work also includes the installation and maintenance of an eight (8) foot high chain-link fence to construct a material storage yard near the intersection of Indiana Avenue and Gibson Street. The material storage yard will provide security against theft, damage and vandalism to the contractor's equipment and material during the construction phase.

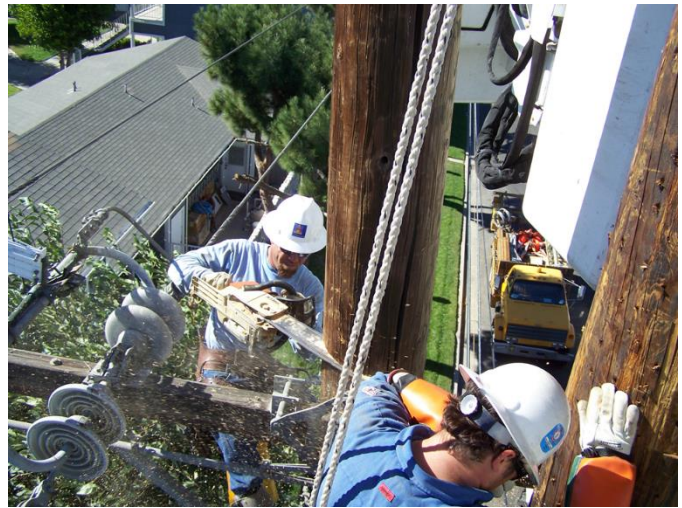
This project will upgrade existing deteriorated poles and related overhead distribution facilities to improve system reliability and safety, improve power quality and service to customers in the area, and replace aging infrastructures that's beyond its useful life. Replacement of deteriorated overhead 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 No. RPU-7481 was posted on July 25, 2017, and closed on August 9, 2017. Six vendors submitted bids for the work. Staff evaluated the bids and deemed Asplundh Construction Corp., of Anaheim, CA to be the lowest responsive and responsible bidder. The bid was below the engineer's estimate of \$1,360,000. The bids are summarized in the table below:

Vendors	City Location	Bid Amount	Rank
1. Asplundh Construction Corp.	Anaheim, CA	\$696,990.00	1
2. Outsource UCC	Anaheim, CA	\$741,900.00	2
3. Hot Line Construction Inc.	Brentwood, CA	\$1,109,451.01	3
4. International line Builder's, Inc.	Corona, CA	\$1,208,430.00	4
5. E.E. Electric, Inc.	Mira Loma, CA	\$1,515,331.00	5
6. Wilson Utility Construction Co.	Canby, OR	\$2,336,494.59	6
➤ <i>Engineer's Estimate</i>		\$1,360,000	

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 breakdown is proposed as follows:

Project Breakdown	
Engineering Performed By:	RPU engineering staff
Civil Construction Performed By:	Asplundh Construction Corp.
Electrical Work Performed By:	Asplundh Construction Corp.
Anticipated Start Date:	November 27, 2017
Anticipated Duration:	135 days
Coordination Required With:	RPU Field Superintendent and Public Works
Reimbursements:	None

The Purchasing Services Manager concurs that the recommended actions comply with Purchasing Resolution No. 22576.

FISCAL IMPACT:

The capital expenditure is estimated to be \$1,125,000. Sufficient funds are available in Public Utilities Electric Capital Account No. 6130000-470623.

Description	Amount (\$)	% of Total
Design, Construction Management and Inspection, Contingency	\$315,375	28%
Construction Contract	\$696,990	62%
Overhead Electrical Materials	\$112,635	10%
Total	\$1,125,000	100%

Prepared by: George R. Hanson, Utilities Assistant General Manager/Energy Delivery
Approved by: Girish Balachandran, Utilities General Manager
Approved by: John A. Russo, City Manager
Approved as to form: Gary G. Geuss, City Attorney

Certifies availability of funds: Laura Chavez-Nomura, Utilities Assistant General Manager/Finance

Attachments:

1. Bid Award Recommendation
2. Presentation

