

RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: AUGUST 11, 2025

SUBJECT: BID NO. 8143 TO ASPLUNDH CONSTRUCTION, LLC, OF BUENA PARK, CALIFORNIA, FOR CIRCUIT 1502 SWITCH REPLACEMENT PROJECT, PHASE 2, IN THE AMOUNT OF \$283,512.10, AND WORK ORDER NO. 2321787 INCLUDING A 10% CHANGE ORDER AUTHORITY OF \$28,351.21; FOR A TOTAL CAPITAL EXPENDITURE OF \$1,190,000

ISSUES:

Consider awarding Bid No. 8143 to Asplundh Construction, LLC, of Buena Park, California, for the Circuit 1502 Switch Replacement Project, Phase 2, in the amount of \$283,512.10, with a 10% change order authority of \$28,351.21 and approve the capital expenditure for Work Order No. 2321787 for a total capital expenditure of \$1,190,000.

RECOMMENDATIONS:

That the Board of Public Utilities:

1. Award Bid No. 8143 to Asplundh Construction, LLC, of Buena Park, California, for the Circuit 1502 Switch Replacement Project, Phase 2, in the amount of \$283,512.10;
2. Authorize change order authority, if needed, to Asplundh Construction, LLC, Construction Contract in a not-to-exceed amount of 10%, or \$28,351.21 for Bid No. 8143;
3. Approve Work Order No. 2321787 for the capital expenditure of \$1,190,000 which includes all design, construction, construction support, contract administration, inspection and construction change order authority costs for the Circuit 1502 Switch Replacement Project, Phase 2; and
4. Authorize the City Manager, or designee, to execute any documents necessary to effectuate the project described herein, as well as the ability to make minor non-substantive changes in alignment with all purchasing policies.

BACKGROUND:

Riverside Public Utilities (RPU) Electric System Planning staff performed a reliability study with the purpose of improving the performance of Circuit 1502, specifically with a goal of reducing outage time and frequency. In order to improve the circuit's System Average Interruption Duration Index (SAIDI) and System Average Interruption Frequency Index (SAIFI), the study recommends the addition of sectionalizing capabilities. The existing switching equipment allows manual

switching capabilities and is located inside underground vaults which make it difficult to operate, troubleshoot and isolate faults during an outage.

On July 26, 2021, the Board of Public Utilities (Board) approved Work Order No. 2009293 for the design and construction of Circuit 1502 Switch and Cable Replacement Phase 1 Project, for a total amount of \$705,000. The project included the replacement of obsolete underground distribution equipment and deteriorated cable with new underground electrical distribution facilities, in the area west of Tyler Street, south of Magnolia Avenue, north of Shoshone Avenue and east of Polk Street.

On July 8, 2024, the Board approved Work Order No. 2201057 for the design and construction of Circuit 1502 Conduit and Cable Replacement Project, for a total amount of \$1,795,000.00. The project included the replacement of the existing deteriorated cable with new underground electrical distribution facilities in the area south of the 91 Freeway, east of Racine Drive, west of Saratoga Street, north of Balmoral Court, and provided improved overall electric system reliability and safety.

The Electric System Master Plan (ESMP) recommends the installation of advanced grid devices, such as grid sensors, sectionalizing apparatuses, and SCADA controlled pad mounted equipment. The proposed switch replacement will provide the Grid Control Center with the capability of remote sensing and isolating while operating and troubleshooting the circuit.

DISCUSSION:

The scope of work includes the installation of approximately 285 trench feet of conduit, 1,071 linear feet of conduit, 2,056 circuit feet of underground primary cable, one (1) pad mounted transformer, two (2) pad mounted switch cabinets (PSE), two (2) slab boxes to replace existing submersible gas switches inside vault V1259 and vault V4934, and related electrical distribution facilities.

The project will upgrade electrical distribution facilities in the Tyler Street area south of Magnolia Avenue and north of Indiana Avenue, introducing new technology with the installation of new solid dielectric automated switches, improving maintenance cost and time of response. In addition, the replacement of the switches will facilitate the modification of an existing circuit tie between Circuits 1502 and 1501, from an obsolete T-connection scheme to the new approved standard scheme. Intermittent electric service disruptions will be coordinated during construction and advanced outage notifications will be issued to minimize the impacts to customers.



Typical Pad Mounted Switch With Protection

Bid No. 8143

On May 5, 2025, Bid No. 8143 for the Circuit 1502 Switch Replacement Project, Phase 2, was posted on the City's Online Bid System, PlanetBids. The bid's notification summary and bid actions are detailed in the following table:

Bidding Notification Summary Table

Notification Action	Number of Vendors
External Vendors Notified	500
City of Riverside Vendors Notified	565
Prospective Bidders Who Downloaded the RFB	66
Questions and Answers Released	5
Addenda Released	1

On May 13, 2025, RPU staff held a non-mandatory pre-bid meeting with fourteen (14) companies in attendance, and on June 12, 2025, nine (9) vendors submitted bids for the project. Purchasing evaluated the bids and deemed Asplundh Construction, LLC, of Buena Park, California to be the lowest responsive and responsible bidder. The bid was above the engineer's estimated amount of \$152,027.69 due to higher labor and material costs associated with the project site restoration.

The bids are summarized in the table below:

Vendors	City Location	Bid Amount	Rank
Asplundh Construction, LLC	Buena Park, CA	\$283,512.10	1
E.E. Electric, Inc.	Jurupa Valley, CA	\$291,916.85	2
Cornerstone CC	Victorville, CA	\$294,312.39	3
Outsource Utility Contractor, LLC	Los Angeles, CA	\$298,956.64	4
Doty Bros. Equipment Company	Norwalk, CA	\$303,366.00	5
Inter-Pacific Systems, Inc.	Upland, CA	\$572,000.00	6
Herman Weissker, Inc.	Riverside, CA	\$591,378.25	7
Horizon Underground, Inc.	Norco, CA	\$791,723.00	8
Servitek Electric, Inc.	Norwalk, CA	\$1,047,198.00	9

➤ *Engineer's Estimate*

\$152,027.69

The project/fiscal breakdown is as follows:

Project and Fiscal Breakdown					
Work Type	Performed By:	Amount (\$):			% of Total:
Design and Inspection	RPU Engineering and Operations	\$98,999.69			8%
Electrical Work	RPU Field Forces	Labor	\$71,000.00	\$779,137.00	66%
		Equipment	\$355,610.00		
		Materials	\$352,527.00		
Civil Construction (Contract)	Asplundh Construction, LLC	\$283,512.10			24%
Contingency – 10% (Contract)		\$28,351.21			2%
Work Order Total:	\$1,190,000.00				100%
Anticipated Start Date:	September 2025				
Anticipated:	9 Weeks				

Purchasing Resolution 24101, Section 508 Awards states, “Contracts procured through Formal Procurement shall be awarded by the Awarding Entity to the Lowest Responsive and Responsible Bidder.”

The Purchasing Manager concurs that the recommended actions are in compliance with Purchasing Resolution No. 24101, Section 508

FISCAL IMPACT:

The total fiscal impact is \$1,190,000. Sufficient funds are available in Public Utilities Electric Capital Account No. 6130000-470655.

Prepared by:	Daniel Honeyfield, Utilities Assistant General Manager/Energy Delivery
Approved by:	David A. Garcia, Utilities General Manager
Certifies availability of funds:	Kristie Thomas, Finance Director/Assistant Chief Financial Officer
Approved by:	Rafael Guzman, Assistant City Manager
Approved as to form:	Rebecca McKee-Reimbold, Interim City Attorney

Attachments:

1. Project Site Map
2. Bid Award Recommendation
3. Presentation