



**BID 8143 AWARD TO ASPLUNDH CONSTRUCTION, LLC  
FOR CIRCUIT 1502 SWITCH REPLACEMENT PROJECT,  
PHASE 2, FOR \$283,512.10, 10% CHANGE ORDER, AND  
WORK ORDER 2321787 FOR A TOTAL OF \$1,190,000**

## **Energy Delivery**

### **Board of Public Utilities**

August 11, 2025

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## **BACKGROUND**

1. The Electric System Master Plan (ESMP) recommends the installation of advanced grid devices, sectionalizing apparatuses, and SCADA controlled equipment to improve system capacity and reliability
2. Electric System Planning staff performed a reliability study with the purpose of improving the performance of Circuit 1502, specifically with a view to reducing outage time and frequency.
3. 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



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## BACKGROUND – CIRCUIT 1502

1. July 26, 2021 Work Order No. 2009293 approved by the Board
  - a. Switch and Cable Replacement Project
  - b. Replacement of obsolete underground distribution equipment and deteriorated cable with new underground electrical distribution facilities
  - c. Location: west of Tyler Street, south of Magnolia Avenue, north of Shoshone Avenue and east of Polk Street
2. July 8, 2024, Work Order No. 2201057 approved by the Board
  - a. Conduit and Cable Replacement Project
  - b. Replacement of the existing deteriorated cable with new underground electrical distribution facilities
  - c. Location: south of the 91 Freeway, east of Racine Drive, west of Saratoga Street, north of Balmoral Court, improving overall electric system reliability and safety



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## DISCUSSION

1. Project will upgrade electrical distribution facilities in the Tyler Street area, introducing new technology with the installation of new solid dielectric automated switches, improving maintenance cost and time of response
2. Will replace two switches facilitating the modification of an existing circuit tie between Circuits 1502 and 1501
3. Update protection scheme to the new approved standard



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## PROJECT LOCATION

1. The project is located in the Tyler Street area, south of Magnolia Avenue and north of Indiana Avenue
2. Electric service disruptions will be coordinated to minimize impact to customers



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## SCOPE OF WORK

1. Installation of approximately 285 trench feet of conduit, 1,071 linear feet of conduit, 2,056 circuit feet of underground primary cable, one padmounted transformer
2. Installation of two padmounted switch cabinets (PSE), two slab boxes to replace two submersible switches located in Vaults
3. 9 weeks to complete the scope work



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## BENEFITS

1. Improves system operations and response time to electrical outages
2. Increases electric system reliability and safety
3. Improves electric system overall SAIDI and SAIFI
4. Improves electric services and power quality to customers in the area
5. Reduces number of outages because of new infrastructure and life of material



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## BID RESULTS

1. May 5, 2025: Bid No. 8143 posted on PlanetBids
2. May 13, 2025: RPU hosted a non-mandatory pre-bid meeting – 14 companies in attendance
3. June 12, 2025: Bid No. 8143 closed and nine (9) bids were received.

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 Submitted	1



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## BID RESULTS

Vendors	City Location	Bid Amount	Rank
<b>Asplundh Construction, LLC</b>	<b>Buena Park, CA</b>	<b>\$283,512.10</b>	<b>1</b>
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.	Irvine, 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
<i>Engineer's Estimate</i>		<i>\$152,027.59</i>	



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## PROJECT & 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)	Doty Bros. Equipment Company			\$283,512.10	24%
Contingency – 10% (Contract)				\$28,351.21	2%
Work Order Total:				\$1,190,000	100%
Anticipated Start Date:	September 2025				
Anticipated Duration:	9 Weeks				



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## 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, 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.



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