

BID NO. RPU-8010 FOR THE SPRINGS RELIABILITY PROJECT – PHASE 1

Riverside Public Utilities – Energy Delivery

Board of Public Utilities
August 28, 2023

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BACKGROUND

1. Springs Substation currently has one circuit field tie to La Colina Substation
2. In the event of a catastrophic failure at Springs Substation, La Colina Substation does not have enough capacity to carry the entire electrical load
3. This project aims to enhance the circuit transfer capability of Springs Substation to neighboring circuits from La Colina and Orangecrest Substations and to increase capacity in the area
4. A large customer driven project, currently under development is dependent on the completion of the Springs Circuit Reliability Phase I Project



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BACKGROUND

5. Springs Circuit Reliability Phase 1 project includes the extension of Circuits 1572 and 1573
6. Create a circuit tie between Springs Substation Circuit 1572 and La Colina Circuit 1215
7. Connection to Orangecrest Substation circuits will be addressed as part of the Springs Circuit Reliability Phase II project



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DISCUSSION

1. Install approximately 4,108 trench feet of conduit
2. Install 17,638 feet of underground cable
3. Install 6 vaults and 2 pad-mounted switch cabinets
4. 4 months to complete



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PROJECT LOCATION

1. Along Sycamore Canyon Boulevard, s/o Eastridge Avenue, along Alessandro Boulevard, along Alessandro Boulevard between San Gorgonio Drive and Barton Street
2. Electric Service Disruptions will be coordinated to minimize impact to customers

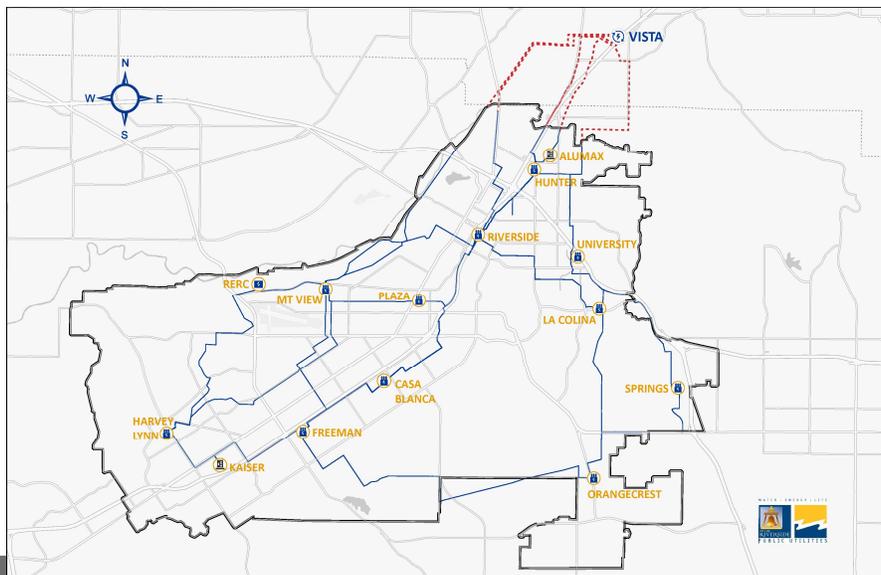


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MAP OF SUBSTATIONS



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BID RESULTS

VENDORS	CITY LOCATION	BID AMOUNT	RANK
Asplundh Construction, LLC	Anaheim, CA	\$1,999,848.43	1st
Hot Line Construction, Inc.	Brentwood, CA	\$2,257,449.40	2 nd
Herman Weissker, Inc.	Riverside, CA	\$2,744,847.65	3 rd
PAR Western Line Contractors	Rancho Cucamonga, CA	\$2,783,444.80	4 th
Pacific West Underground, Inc.	Yucaipa, CA	\$3,008,382.85	5 th
VCI Construction, Inc.	Upland, CA	\$3,111,962.00	6 th
Doty Bros. Equipment Company	Norwalk, CA	\$3,458,219.00	7 th
HHS Construction, LLC	Ontario, CA	\$4,263,733.20	8 th
Leed Electric, Inc.	Santa Fe Springs, CA	\$4,310,678.00	9 th
Southern Contracting Company	San Marcos, CA	\$4,901,749.00	10 th
<i>Engineer's Estimate</i>		\$2,500,000.00	



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PROJECT BREAKDOWN

Project and Fiscal Breakdown

Work Type	Performed By:	Amount (\$)
Design	RPU Engineering	\$383,338.00
Construction Management and Inspection	RPU Engineering and Operations	\$47,025.00
Electrical Work	RPU Field Forces	\$956,803.73
Civil Construction (Contract)	Asplundh Construction, LLC	\$1,999,848.43
Civil Construction Contingency – Contract (10%)		\$199,984.84
Work Order Total:		\$3,587,000
Anticipated Start Date:		September 2023
Anticipated Duration:		4 Months



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STRATEGIC PLAN ALIGNMENT

Strategic Priority 6 - Infrastructure, Mobility and Connectivity

Goal 6.2 – Maintain, protect, and improve assets and infrastructure within the City's built environment to ensure and enhance reliability, resiliency, sustainability, and facilitate connectivity.

Cross-Cutting Threads



Community Trust



Fiscal Responsibility



Sustainability &
Resiliency



Equity



Innovation



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RECOMMENDATIONS

That the Board of Public Utilities:

1. Award Bid No. RPU-8010 to Asplundh Construction, LLC, in the amount of \$1,999,848.43 for the Springs Circuit Reliability Project Phase 1;
2. Authorize change order authority for 10% of the original contract price, or \$199,984.84, for Bid No. RPU-8010;
3. Approve the capital expenditure for Work Order No. 2019648 in the amount of \$3,587,000 for the Spring Circuit Reliability Project Phase 1; 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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