



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: AUGUST 28, 2023

SUBJECT: AWARD BID NO. RPU-8010 FOR THE SPRINGS CIRCUIT RELIABILITY PROJECT – PHASE 1, TO ASPLUNDH CONSTRUCTION, LLC, OF ANAHEIM, CALIFORNIA, IN THE AMOUNT OF \$1,999,848.43 PLUS 10% CHANGE ORDER AUTHORITY IN THE AMOUNT OF \$199,984.84 AND WORK ORDER NO. 2019648 IN THE AMOUNT OF \$3,587,000

ISSUE:

Consider awarding Bid No. RPU-8010 to Asplundh Construction, LLC, of Anaheim, California, for the Springs Circuit Reliability Project Phase 1, in the amount of \$1,999,848.43 plus 10% change order authority of \$199,984.84; and approve the capital expenditure for Work Order No. 2019648 in the amount of \$3,587,000.

RECOMMENDATIONS:

That the Board of Public Utilities:

1. Award Bid No. RPU-8010 to Asplundh Construction, LLC of Anaheim, California, in the amount of \$1,999,848.43 for the Springs Circuit Reliability Project Phase 1;
2. Authorize change order authority to the Asplundh Construction, LLC Construction Contract 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 which includes all design, construction, construction support, contract administration, inspection, and construction change order authority costs 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.

BACKGROUND:

Springs Substation located on Eastridge Avenue near Box Springs Boulevard currently has one electrical field tie with La Colina Substation located on Central Avenue near Canyon Crest Drive. The circuit tie is in the vicinity of Sycamore Canyon Boulevard and Eastridge Avenue. In the event of a catastrophic failure of the substation transformers or transmission lines at Springs Substation,

La Colina Substation does not have enough capacity to carry the entire load from the Springs Substation.

The overall Springs Circuit Reliability Project aims to enhance the circuit transfer capability of Springs Substation, by establishing additional tie points to other circuits from La Colina and Orangecrest Substations. The proposed Springs Circuit Reliability Phase I solution involves the extension of Circuits 1572 and 1573 along Sycamore Canyon Boulevard to Alessandro Boulevard and Barton Street. This will require the installation of new tie switches to enable connection with La Colina Substation. Connection to Orangecrest Substation circuits will be addressed in the near future, as part of the Springs Circuit Reliability Phase II project. Implementation of these line extensions and tie switches will effectively improve the reliability and load transfer capabilities of Springs Substation, along with adding additional capacity in the area.

In addition, staff is working on the electrical distribution design for a large customer-driven project currently under development on Alessandro Boulevard near Barton Street which will be served by nearby facilities after completion of the Springs Circuit Reliability Phase I project and provide an additional electrical source in the area. The customer will pay for their allocated share of electric distribution service fees based on current Electric Rules as determined at the time of design completion.

DISCUSSION:

The scope of work involves the installation of six underground vaults, two pad mounted switch enclosure (PSE) and slab boxes, approximately 4,108 trench feet of conduit, 17,638 feet of underground feeder cable, and related electrical distribution facilities as well as asphalt paving.

The project will improve the electric system reliability for customers in the area and the Springs Substation. Intermittent electric service disruptions will be coordinated during construction and advanced door tag outage notifications will be issued to minimize the impact to customers.



Typical trench/conduit and underground vault installation

Bid No. RPU-8010

Bid No. RPU-8010 for the Springs Reliability Project Phase 1 (the civil underground construction portion of the project), was posted on the City’s Online Bid System Planet Bids on May 16, 2023, and closed June 22, 2023. A total of 69 vendors viewed and downloaded the information from Plant Bids and 10 vendors submitted bids for the project. Staff evaluated the bids and deemed Asplundh Construction, LLC of Anaheim, California, to be the lowest responsive and responsible bidder. The bid was within the engineer’s estimated amount of \$2,500,000.

The bids are summarized in the table below:

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

The project/fiscal breakdown is as follows:

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:		\$3,587,000.00
Anticipated Start Date:		September 2023
Anticipated Duration:		4 Months

The Purchasing Manager concurs that the recommended actions are in compliance with Purchasing Resolution No. 23914.

STRATEGIC PLAN ALIGNMENT:

This item contributes to **Strategic Priority 6 - Infrastructure, Mobility and Connectivity and 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.

This item aligns with each of the five Cross-Cutting Threads as follows:

1. **Community Trust** – The installation of new and improved conduits and cable that comply with current standards will improve safety and reliability of the electric system, which helps build community trust and results in the greater public good.
2. **Equity** – The circuit reliability project has been established based on engineering planning and operational criteria, with equitable distribution of services to ensure every member of the community has equal access to share the benefits of community progress.
3. **Fiscal Responsibility** – The creation of new circuit ties by installing new cable and other related equipment will improve system reliability. This proactive approach will be more efficient and will reduce overall operational costs. The lowest price for the construction services and thereby the best value for RPU' s customers was ensured through a competitive bidding process.
4. **Innovation** – RPU is committed to identifying creative solutions to meet the needs of our community members, effectively and efficiently by providing innovative infrastructure improvements. A collaborative and innovative approach was used to install the electric facilities in such a way to minimize potential disruptions to our customers in the future.
5. **Sustainability & Resiliency** – RPU is preparing for the goals set by the city to achieve carbon neutrality by 2040 and to ensure that new system upgrades provide grid operators the ability to monitor and respond to system disturbances in a more safe and timely manner. The construction materials specified for this project are considered best practices in the industry and are expected to last well into the future.

FISCAL IMPACT:

The total fiscal impact is \$3,587,000. Sufficient funds are available in the Electric Distribution Line Extensions Account No. 6130000-470601.

Prepared by:	Daniel Honeyfield, Utilities Assistant General Manager/Energy Delivery
Approved by:	Todd M. Corbin, 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:	Phaedra A. Norton, City Attorney

Attachments:

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