



BID NO. SUB-852 FOR STEEL STRUCTURES FOR THE FREEMAN SUBSTATION ELECTRICAL BAY

Riverside Public Utilities – Energy Delivery

Board of Public Utilities
December 13, 2021

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BACKGROUND

1. Riverside Transmission Reliability Project (RTRP) is a critical project that provides a second connection to the state electric transmission grid
2. Project addresses capacity needs and reliability of the City's electric grid system
3. System upgrades include expanding Freeman Substation by adding two electrical bays to accommodate new RERC to Freeman line and reconfiguring the sub-transmission lines to bifurcate the electrical system
4. The expansion of Freeman Substation will be completed in five phases to maintain the reliability of service to customers and eliminate planned customer outages during construction

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FREEMAN SUBSTATION LOCATION



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STEEL STRUCTURE SCOPE OF WORK

1. Procurement of columns, trusses, and anchor bolts are required to complete the construction of new electrical bay structures
2. Manufacturer to fabricate structure materials as per the specifications and drawings provided by RPU



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BID RESULTS

1. August 21, 2021, Bid No. SUB-852 was issued and bid closed on September 10, 2021
2. Staff evaluated the bids and deemed R&C Welding & Fabrication, Inc., of Gering, Nebraska to be the lowest responsive and responsible bidder

Vendors	City Location	Bid Amount	Rank
R&C Welding & Fabrication, Inc.	Gering, NE	\$128,483.96	1
OneSource Distributors	Riverside, CA	\$104,667.49	Non-Responsive
Hamby Young A Division of Wesco Distribution, Inc.	Aurora, OH	\$115,488.49	Non-Responsive
DIS-TRAN Steel, LLC	Pineville, LA	\$ 116,320.05	Non-Responsive
➤ Engineer's Estimate		\$140,000	



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STRATEGIC PLAN ALIGNMENT

This item contributes to Strategic Priority No. 6 Infrastructure, Mobility and Connectivity and the following goal:

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.



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STRATEGIC PLAN ALIGNMENT

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

1. **Community Trust** – The new electrical bay expansion is part of the overall Riverside Transmission Reliability Project (RTRP) that underwent a significant public outreach campaign, which included numerous public meetings and extensive collaboration with the key stakeholders to receive public input and build community trust.
2. **Equity** – RPU endeavors to provide safe and reliable electric service to all its customers. Since RPU's electric system is an interconnected network, investments made to individual parts of the system improve the reliability of the overall system, thereby providing an equitable benefit to all customers.
3. **Fiscal Responsibility** – This item represents fiscal responsibility by selecting the lowest responsive and responsible project bid, providing optimal project efficiency, and ensuring compliance with the city terms and conditions.
4. **Innovation** – A collaborative and innovative approach for design was used to identify and resolve any conflicting activities, especially coordination work with all RTRP sub-transmission line reconfiguration and new line positions at Freeman Substation.
5. **Sustainability & Resiliency** – This ensures that new substation bay and related system upgrades provide grid modernization and reliability that is expected to last well into the future.

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RECOMMENDATIONS

That the Board of Public Utilities:

1. Reject the bids submitted by OneSource Distributors of Riverside, CA, Hamby Young, Inc of Aurora, Ohio, and Dis-Tran Steel, LLC of Pineville, LA as non-responsive;
2. Award Bid No. SUB-852 for the purchase of steel structures for the new Freeman Substation Electrical Bay with R&C Welding & Fabrication, Inc., of Gering, Nebraska, in the amount of \$128,484; and
3. Authorize the City Manager, or designee, to execute any documents necessary to effectuate the procurement described herein, as well as the ability to make minor non-substantive changes in alignment with all purchasing policies.

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