



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: DECEMBER 13, 2021

SUBJECT: BID NO. SUB-852 FOR PURCHASE OF STEEL STRUCTURES FOR THE NEW FREEMAN SUBSTATION ELECTRICAL BAY WITH R&C WELDING & FABRICATION INC., IN THE AMOUNT OF \$128,484

ISSUE:

Consider the award of 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.

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.

BACKGROUND:

Riverside Transmission Reliability Project (RTRP) is a joint project with Southern California Edison (SCE) and will provide Riverside Public Utilities (RPU) with a critical second connection to the state electric transmission grid by connecting to the existing 230kV SCE Mira Loma - Vista line, to address long-term capacity and reliability needs of the City's electric utility system. The Board approved the project Work Order No. 642975 on August 24, 2020, in the amount of \$216,515,521. Work Order No. 642975 has sufficient funds for procurement and construction of the electrical bays for this phase of the Freeman Substation upgrades.

As part of RPU's electrical utility system improvements, the 69kV upgrades to key substations require expansions and upgrades as part of the overall reliability project. The scope of work includes expanding Freeman Substation by adding two box structure electrical bays to

accommodate additional sub-transmission lines from the Riverside Energy Resource Center (RERC) generation station and reconfiguring the sub-transmission lines to bifurcate the electrical utility system. The expansion of the Freeman Substation will be completed in five phases to maintain the reliability of services to customers and eliminate planned customer outages during the construction. Any additional procurements of materials or construction contracts for future phases will return to the Board for approvals.

The construction of the new electrical bays is scheduled to start in March 2022. The construction of the new Freeman Substation electrical bay requires the procurement of the steel structure materials and associated components that will be manufactured per RPU's specifications, drawings, and schedule. The installation of the new bay will occur at a later time along with other associated electrical components for the new line construction. RPU crews will provide labor for the new electrical bay installation. No outside contract work is expected as part of the electrical bay work installation.



Existing Freeman Substation Electrical Bay Structure

DISCUSSION:

On August 11, 2021, RPU requested quotes from five (5) vendors in response to Bid No. Sub-852 for steel structures through an informal procurement process per Purchasing Resolution 23256 Section 404. Bids closed on September 10, 2021. Four (4) vendors submitted bids, and one (1) vendor declined to participate. Staff evaluated the bids and deemed R&C Welding & Fabrication, Inc, of Gering, Nebraska, to be the lowest responsive and responsible bidder. The bid was within the engineer's estimate of \$140,000. OneSource, Dis-Tran Steel and Hamby Young were deemed non-responsive for taking exceptions to the City's Terms and Conditions such as limited liability. R&C was deemed responsive because they were the only vendor that accepted the City's Term and Conditions.

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

The Purchasing Manager concurs that the recommended actions are in compliance with Purchasing Resolution No. 23256.

STRATEGIC PLAN ALIGNMENT:

This item contributes to Strategic Priority No. 6 Infrastructure, Mobility and Connectivity and Goal No. 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 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 electrical bay and related system upgrades provide grid modernization and reliability that is expected to last well into the future.

FISCAL IMPACT:

The total fiscal impact is \$128,484. Sufficient funds are available in Public Utilities Electrical Capital Account No. 6130000-470685 (RTRP non-reimbursable) for RTRP and are included in the previously approved Work Order No. 642975

Prepared by:	Daniel E. Garcia, Utilities Deputy General Manager
Approved by:	Todd M. Corbin, Utilities General Manager
Approved by:	Kris Martinez, Interim Assistant City Manager
Approved as to form:	Phaedra A. Norton, City Attorney

Certifies availability of funds:	Edward Enriquez, Chief Financial Officer/City Treasurer
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Attachments:

1. Project Site Map
2. Presentation