

RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: OCTOBER 25, 2021

SUBJECT: SERVICES AGREEMENT FROM REQUEST FOR PROPOSAL #2082 WITH FAITH ELECTRIC, LLC OF REDLANDS, CALIFORNIA FOR MEDIUM VOLTAGE SWITCHGEAR REPAIRS AT RIVERSIDE ENERGY RESOURCE CENTER IN THE AMOUNT OF \$82,844

ISSUE:

Consider approval of the Services Agreement from Request for Proposal 2082 with Faith Electric, LLC of Redlands, California, for medium voltage switchgear repairs at Riverside Energy Resource Center, in the amount of \$82,844.

RECOMMENDATIONS:

That the Board of Public Utilities:

1. Approve the Services Agreement with Faith Electric, LLC of Redlands, California for medium voltage switchgear repairs at Riverside Energy Resource Center in the amount of \$82,844; and
2. Authorize the City Manager, or designee, to execute the Services Agreement with Faith Electric, LLC, including making minor non-substantive changes.

BACKGROUND:

The Riverside Energy Resource Center (RERC) consists of four fast start gas turbine units that can produce 196 megawatts of power in less than ten minutes. These units are critical to meeting daily electricity demands and peak loads during the hot summer months.

On August 28, 2020 an electrical switchgear failed and rendered the air inlet chiller for RERC Units 1&2 out of service. The chiller's function is to cool the ambient air entering both gas turbines to 47 degrees. Without the colder air, the maximum combined output on RERC 1&2 was reduced from 98 to 50 megawatts because the ambient air was not able to be cooled. Due to critical need for electricity during the summer peak period, the faulty electrical switchgear was safely isolated, and the back-up switchgear system was energized to restore RERC 1&2 to normal operating capacity. Completing the repairs on the primary switchgear system is essential to sustain the high reliability of RERC 1&2. Staff assessed the damages on the faulty electrical switchgear and issued a Request for Proposal (RFP) to perform the repairs.



Figure 1 Photos of Failed Switchgear, August 28, 2020.

DISCUSSION:

Request for Proposal (RFP) 2061 originally posted from December 2, 2020 to January 5, 2021 and did not receive any proposals. Staff evaluated the situation and determined that the COVID -19 restrictions prohibiting in-person site visits or “job walks” was the main reason bidders did not submit proposals. Due to the nature of the service being a repair, vendors needed to make their own visual assessment of the damage to have confidence with their proposals.

RFP 2082, the second RFP issued, included a job walk and was posted March 8, 2021 and closed on April 12, 2021. Two proposals were received. After review, staff recommends the proposal from Faith Electric, LLC as the most responsive and lowest cost option for the repairs. No Engineer’s Estimate was made because the extent of the damage was unknown and it was the first failure of this type at the generation plant.

Table 1. RFP Notification Summary

Action	Number of Vendors
Vendors Notified	295
Vendors who downloaded the RFP	40
Proposals received	2

Table 2. Proposals Received

Vendor	Location	Amount	Rank
Faith Electric, LLC	Redlands, CA	\$82,844	1
Henkels & McCoy, Inc.	Pomona, CA	\$158,865	2

The Purchasing Manager concurs that the recommended actions comply with Purchasing Resolution No. 23256.

STRATEGIC PLAN ALIGNMENT:

This item contributes to the following strategic priority and goal from the Envision Riverside 2025 Strategic Plan:

Strategic Priority 6, Infrastructure, Mobility & 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.

The item aligns with EACH of the five cross-cutting threads as follows:

1. Community Trust – Ensuring that Riverside's power plants can safely and effectively operate and provide electricity to the entire City and its communities serves the greater public good.
2. Equity – This item ensures that the RERC power plant can safely and effectively operate and provide reliable electricity benefitting the entire City.
3. Fiscal Responsibility – The project was awarded through a competitive procurement process to ensure the best possible pricing was provided.
4. Innovation – RERC's plant design is current with the technologies used on modern plants. Critical equipment, like the air inlet chiller, have redundant configurations that allow for maintenance or repair without an extended outage.
5. Sustainability & Resiliency – The switchgear repair is needed to sustain the efficient and reliable plant operations of RERC Units 1&2.

FISCAL IMPACT:

The total fiscal impact is \$82,844. Sufficient funds are available in Public Utilities RERC Maintenance Generating Account No. 6120130-424131.

Prepared by:	Daniel E. Garcia, Utilities Deputy General Manager/Power Resources
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. Service Agreement
2. Bid Award Recommendation
3. Presentation