



AGREEMENT WITH SIEMENS INDUSTRY, INC. FOR GENERATOR POWER TESTING, MODELING, AND DATA COLLECTION

Riverside Public Utilities

Board of Public Utilities
July 26, 2021

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BACKGROUND

1. RERC 1-4 and Springs Power Plant

- a. Owned and operated by Riverside Public Utilities (RPU)
- b. Serve an important role in meeting electricity demands
- c. Produce a combined total of 235 megawatts

2. California Independent System Operator's (CAISO) requirement for Generator Modeling, Testing, and Data Collection

- a. Testing and data submittal due to CAISO for both facilities by October 1, 2021
- b. Data used by CAISO to perform studies and run models to maintain electric grid reliability
- c. First time this year / required every 5 years hereafter
- d. Late submittal penalty is \$500 per day for each unit (RPU has 5 units)

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DISCUSSION

1. RFP 2089 posted on March 24, 2021, and closed on April 15, 2021

- Specialized services required = limited number of vendors can do the work
- 78 vendors notified and 3 proposals received

Vendor	Location	Amount	Rank
Siemens Power Technologies International (Siemens)	Foster City, CA	\$211,804	1
General Electric International, Inc.	Schenectady, New York	\$185,900	2
Grid Subject Matter Experts, LLC	Folsom, CA	\$232,894	3

2. Staff recommends Siemens' proposal

- Addresses tests performed and data collected in accordance with RFP Scope of Work without the exclusions proposed by other bidder(s) - (Exclusions may lead to costly change orders for necessary work not included in Scope)
- Competitive pricing
- Minimal revisions to the City's Professional Consultant Services Agreement
- Vendors previous experience performing this type of work

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RECOMMENDATIONS

That the Board of Public Utilities:

- Approve a Professional Consultant Services Agreement with Siemens Industries, Inc. for generator power testing, modeling, and data collection as required by California Independent System Operator for Riverside Energy Resource Center and Springs Power Plant in the amount of \$211,804 for a term through March 22, 2022; and
- Authorize the City Manager, or his designee, to execute the Agreement with Siemens Power Technologies International including making minor non-substantive changes.

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