



## ELECTRICAL MAINTENANCE SERVICES AGREEMENT WITH SIEMENS INDUSTRY, INC. FOR FIVE-YEAR TERM WITH TWO ONE-YEAR OPTIONAL EXTENSIONS AT RERC RESOURCE CENTER, SPRINGS, AND CLEARWATER POWER PLANTS

### Riverside Public Utilities

Board of Public Utilities  
October 25, 2021

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## BACKGROUND

### RERC, Springs and Clearwater Power Plants:

1. Combined, provide 260 megawatts of electricity
2. Operate during the most critical need for electricity
3. Over 590 electrical devices used at the 3 power plants
4. Need to evolve maintenance program with aging equipment

**RERC: 196 MW**



**Springs: 36 MW**



**Clearwater: 28 MW**



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## RFP 2062

### 1. RFP 2062 Electrical Maintenance at all Three Power Plants

- Posted on December 10, 2020, and closed on March 03, 2021
- Leveraged the 3 plants with multiple years for the best pricing
- 5-year term with option for two one-year extensions

### 2. Siemens Industry, Inc.

- Most responsive proposal and lowest cost
- Comprehensive program that addresses all recommended maintenance for the next 7 years

Vendor	Location	Amount	Rank
<b>Siemens Industry, Inc</b>	<b>Buffalo Grove, IL</b>	<b>\$1,452,709</b>	<b>1</b>
Baker Electric	Escondido, CA	\$2,382,019.53	2
VISTAM, Inc	La Mirada, CA	\$3,346,703.62	3
Halco Testing Services	Los Angeles, CA	\$4,875,877.13	4
Electric Power Systems International Inc.	Santa Ana, CA	Non-Responsive Did not meet license requirement	
Praetorian Power Protection	Edmonds, WA	Non-Responsive Incomplete Proposal and Pricing	

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## ADDITIONAL AS-NEEDED REPAIR WORK

- Staff anticipates additional repairs will be identified during the routine preventative maintenance process
- Insures plant reliability, especially during summer peak periods
- Cost encumbered only if repairs are authorized by staff
  - Unused amounts remain in the RPU generation budget
- Amount covers all three plants
- As-needed repair works costs: \$75,000 maximum per year / \$525,000 total for the 5-year term and the two optional one-year extensions

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## STRATEGIC PLAN ALIGNMENT

This item contributes to the following strategic priorities and goals from the Envision Riverside 2025 Strategic Plan:

- **Strategic Priority 5, High Performing Government**

Goal 5.4. Achieve and maintain financial health by addressing gaps between revenues and expenditures and aligning resources with strategic priorities to yield the greatest impact.

- **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.

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## STRATEGIC PLAN ALIGNMENT

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

1. **Community Trust** – This item ensures that Riverside's power plants are able to 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 are able to safely and effectively operate and provide reliable electricity benefitting entire City and all customers.
3. **Fiscal Responsibility** – Compared to historical expenditures, the service agreement with Siemens Industry Inc saves \$30,000 per year compared to historical maintenance costs.
4. **Innovation** – The approach with the multi-year electrical maintenance program is consistent with industry best practice and will be customized to fit the plant's operations.
5. **Sustainability & Resiliency** – Riverside's three power plants operate during the most critical need for electricity. Having an electrical maintenance program for the next five years is essential to sustaining a highly reliable power plant.

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## RECOMMENDATIONS

That the Board of Public Utilities:

1. Approve the services agreement with Siemens Industry, Inc. of Buffalo Grove, Illinois for a five-year term with the option of two one-year extensions to perform routine electrical maintenance at Riverside Energy Resource Center, Springs, and Clearwater Power Plants in the amount of \$1,977,716; and
2. Authorize the City Manager, or designee, to execute the services agreement with Siemens Industry, Inc., including the amendments for the two one-year extensions and minor non-substantive changes.