



AUTOMATIC VOLTAGE REGULATOR SPARE PARTS FOR RIVERSIDE ENERGY RESOURCE CENTER

Riverside Public Utilities

Board of Public Utilities

June 14, 2021

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BACKGROUND

1. RERC Units 3 and 4 serve a critical role in meeting RPU customer's energy demands
2. Automatic Voltage Regulators (AVR):
 - a. Integral to safe and reliable plant operations
 - b. Adjusts generator voltage levels required to synchronize and provide electricity to customers
 - c. Spare parts needed for next routine maintenance activity and future repairs

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AUTOMATIC VOLTAGE REGULATOR (AVR)



AVR unit



Back of AVR

PURCHASING PROCESS REQUIREMENTS

1. Utilities Exception provided in Purchasing Resolution No. 23256, Section 404
 - a. Allows the Water, Electric and Sewer Utilities to procure certain supplies, equipment, and materials supplies through an Informal Procurement or Negotiated Procurement
 - b. Recognizes that there is a need for compatibility within their respective systems for uniform operation, maintenance and replacement
 - c. Informal procurement does not require a formal request for bid be issued
2. Automatic Voltage Regulator parts are considered highly specialized which allows for an Informal Procurement.

PROPOSAL

1. Staff requested proposals from five companies and received two proposals
2. OEM Parts Network provided the lowest cost, responsive bid

Company	Location	Quotation
OEM Parts Network	Rancho Cucamonga, CA	\$119,077.99
Maximum Turbine Support, Inc	San Bernardino, CA	\$119,316.15
GTC Controls Solutions	Hawthorne, NY	Non-responsive
GEXpro	Anaheim, CA	Non-responsive
GE Packaged Power, LLC	Houston, Texas	Non-responsive



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RECOMMENDATIONS

That the Board of Public Utilities approve the expenditure for the purchase of automatic voltage regulator spare parts from OEM Parts Network of Rancho Cucamonga, in the amount of \$119,078.



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