



RFP 2038 FOR CONTINUOUS EMISSIONS MONITORING SYSTEM MAINTENANCE AT RERC AND SPRINGS

Riverside Public Utilities

Board of Public Utilities
March 8, 2021

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BACKGROUND

1. RERC and Springs Power Plants serve a critical role in meeting RPU customer's energy demands
2. **Air quality emissions monitoring is required for operations of the turbines**
 - a. **Continuous Emissions Monitoring Systems (CEMS)** provide continuous 24/7 monitoring of air emissions discharged from each generation turbine
 - i. One CEMS for each of the eight units at RERC and Springs
 - b. **CEMS are required per EPA and SCAQMD operating permits**
 - c. **Need ongoing, annual maintenance**
 - i. New SCAQMD regulations
 - ii. Due to equipment age
 - d. Very specialized equipment with few vendors that provide services

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EQUIPMENT HOUSED BY EACH TURBINE



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DISCUSSION

1. **RFP 2038 posted on August 14, 2020**, advertised on August 20, 2020 and closed on September 30, 2020
 - a. Specialized equipment and very limited options
 - b. Two proposals received
2. **Pacific Standard Environmental, Inc. deemed the only responsible bidder**
 - a. Agreement covers all 8 CEMS and 32 analyzers
 - b. Negotiated favorable rates with a long-term agreement
 - c. Addresses all routine maintenance inspections required for regulatory compliance. (Quarterly, Semi-Annual, Annual, 2-yr., 3-yr. and 5-yr. specific maintenance)
 - d. Includes \$50,000 annually for as-need repairs either due to normal wear and tear or as identified by maintenance inspections

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RECOMMENDATIONS

That the Board of Public Utilities:

1. Approve a Professional Consultant Services Agreement with Pacific Standard Environmental, Inc. of Woodland Hills, California for Continuous Emissions Monitoring System Maintenance at Riverside Energy Resource Center and Springs Power Plant for five years in an amount not to exceed \$1,173,212, with two optional one-year extensions; and
2. Authorize the City Manager, or designee, to execute the Agreement with Pacific Standard Environmental, Inc. including making minor, non-substantive changes and to execute the two optional one-year extensions.