



FUEL GAS COMPRESSOR MAINTENANCE AT RIVERSIDE ENERGY RESOURCE CENTER

Riverside Public Utilities

Board of Public Utilities
January 12, 2026

RiversideCA.gov

1

BACKGROUND

Riverside Energy Resource Center



Units 1 & 2 Commissioned in 2006
Units 3 & 4 Commissioned in 2011

1. Fuel Gas Compressors are an essential component in the operations of the turbine engines
2. They increase the pressure of the natural gas supplied by SoCal Gas Company from 350 psi to 675 psi
3. High fuel pressure is required for stable and continuous combustion
4. Vital role in maintaining safe, efficient, and compliant turbine operations



2

RiversideCA.gov

2

BACKGROUND

1. RERC has a total of six Cooper RAM fuel gas compressors that have been in service since commissioning
 - a. Three support Units 1 & 2 and three support Units 3 & 4
2. Routine maintenance is performed annually during scheduled outages
 - a. At this stage in their service life, maintenance now requires more detailed inspections and replacement of components subject to normal wear
 - b. Vendor options for gas compressor maintenance are limited and most providers service only specific compressor manufacturers
3. Procuring a multi-year agreement would allow a vendor to build better operational familiarity, resulting in more efficient troubleshooting and proactive maintenance



3

RiversideCA.gov

3

BACKGROUND

Fuel Gas Compressors



4

RiversideCA.gov

4

DISCUSSION

1. Request for Proposal (RFP) No. 2463 posted March 3, 2025 and on April 24, 2025, two proposals received:

Vendors	Location	Bid Amount
Energy Link Industrial Services	Bakersfield, CA	\$800,902.70
Fueling and Service Technologies, Inc.	Fountain Valley, CA	\$224,844.87

2. One proposal presented an excessive cost variance, while the other proposal received a significantly lower evaluation score
3. Scope was revised and request for proposal was re-posted



5

RiversideCA.gov

5

DISCUSSION

1. Request for Proposal (RFP) No. 2482 posted June 17, 2025:
 - a. Vendors notified - 500 external and 80 City of Riverside
 - b. 16 prospective bidders downloaded RFP
2. On July 17, 2025, two proposals were received:

Vendors	Location	Bid Amount	Rank
Northwest Industrial Engine & Compressor Co.	Oakdale, CA	\$268,975.00	1
Fueling and Service Technologies, Inc.	Bakersfield, CA	\$224,844.84	Non-Responsive

3. During responsive check, Fueling and Service Technologies was deemed non-responsive



6

RiversideCA.gov

6

DISCUSSION

1. Northwest Industrial Engine & Compressor Co.
 - a. Offered a responsive proposal with competitive pricing to the City
 - b. Included a comprehensive maintenance plan
 - c. Has demonstrated experience maintaining, servicing, and repairing fuel gas compressors, specifically Cooper RAM compressors

Contract Year	RERC Annual Cost
2026	\$52,835
2027	\$52,835
2028	\$53,975
2029	\$53,975
2030	\$55,355
TOTAL	\$268,975



7

7

RECOMMENDATIONS

That the Board of Public Utilities:

1. Approve the Services Agreement to Request for Proposal No. 2482 with Northwest Industrial Engine & Compressor Company of Riverbank, California to perform fuel gas compressor maintenance at Riverside Energy Resource Center for a five-year term ending December 31, 2030, in the amount of \$268,975; and
2. Authorize the City Manager, or his designee, to execute the Services Agreement with Northwest Industrial Engine & Compressor Company, including making non-substantive changes.



8

8