



TURBINE BLADE MAINTENANCE ON RIVERSIDE ENERGY RESOURCE CENTER UNITS 3 AND 4

Riverside Public Utilities

Board of Public Utilities

August 26, 2024

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BACKGROUND

1. Riverside Energy Resource Center (RERC)
 - a. Four General Electric (GE) LM6000 model gas turbine engines
 - b. Provide 30% of Riverside's summer daily electric power demands
2. GE issued Service Bulletin 310 (February 2016)
 - a. Partial Turbine blade replacement after 1,500 turbine start-ups
 - b. Potential catastrophic failure if replacement not completed
3. RERC 3&4
 - a. Completed in November 2018 for first time
 - b. Reached an additional 1,500 starts since that time and ready for recommended replacement

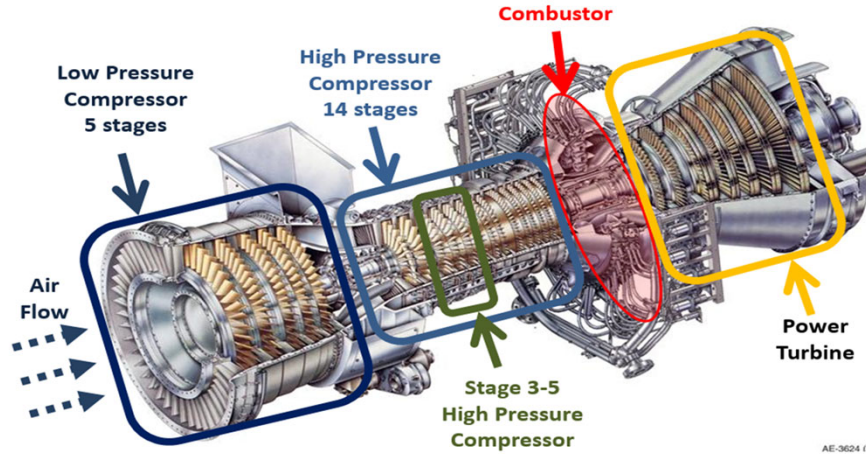


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BACKGROUND



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DISCUSSION - RFP 2359

1. RFP posted from March 21 to April 18, 2024
 - a. 115 vendors notified via PlanetBids
 - b. 13 prospective bidders downloaded RFP documents
 - c. Only 4 authorized vendors worldwide (Germany, Japan, Canada, U.S.)
 - d. All authorized vendors included in RFP notification
 - e. One proposal received from GE Vernova Operations, LLC.
2. GE Vernova Operations, LLC. proposal
 - a. Competitive pricing
 - b. OEM and meets Riverside's scheduling requirements

Vendor	Location	Average Score (100 max)	Amount	Rank
GE Vernova Operations, LLC.	Houston, TX	98.7	\$348,303	1



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STRATEGIC PLAN ALIGNMENT



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.

Cross Cutting Threads



Community Trust



Equity



Fiscal Responsibility



Innovation



Sustainability & Resiliency



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RECOMMENDATION

That the Board of Public Utilities:

1. Approve the service agreement, with GE Vernova Operations, LLC. of Houston, Texas - Request for Proposal No. 2359, for turbine blade maintenance on Riverside Energy Resource Center Units 3 and 4 for \$348,303; and
2. Authorize the City Manager, or his designee, to execute the agreement with GE Vernova Operations, LLC., including making non-substantive changes.



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