WATER | ENERGY | LIFE

RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES **DATE: JUNE 8, 2026**

SUBJECT: SERVICES AGREEMENT WITH GE VERNOVA INTERNATIONAL, LLC, OF CAMBRIDGE, MA, FROM REQUEST FOR PROPOSAL NO. 2536 TO PERFORM GAS TURBINE BLADE AND BUSHING MAINTENANCE ON RIVERSIDE ENERGY RESOURCE CENTER UNITS 3 AND 4, FOR A TERM COMMENCING ON MAY 1, 2026, THROUGH JULY 1, 2027, IN THE AMOUNT OF $351,184.35

ISSUE:

Consider approving a Services Agreement with GE Vernova International LLC, of Cambridge, MA, from Request for Proposal No. 2536, to perform gas turbine blade and bushing maintenance on Riverside Energy Resource Center Units 3 and 4, for a term commencing on May 1, 2026, through July 1, 2027, in the amount of $351,184.35.

RECOMMENDATIONS:

That the Board of Public Utilities:

1. Approve a Services Agreement with GE Vernova International LLC, of Cambridge, MA, from Request for Proposal No. 2536, to perform gas turbine blade and bushing maintenance on Riverside Energy Resource Center Units 3 and 4, for a term commencing on May 1, 2026, through July 1, 2027, in the amount of $351,184.35; and

2. Authorize the City Manager, or his designee, to execute the Services Agreement with GE Vernova International LLC, including making non-substantive changes.

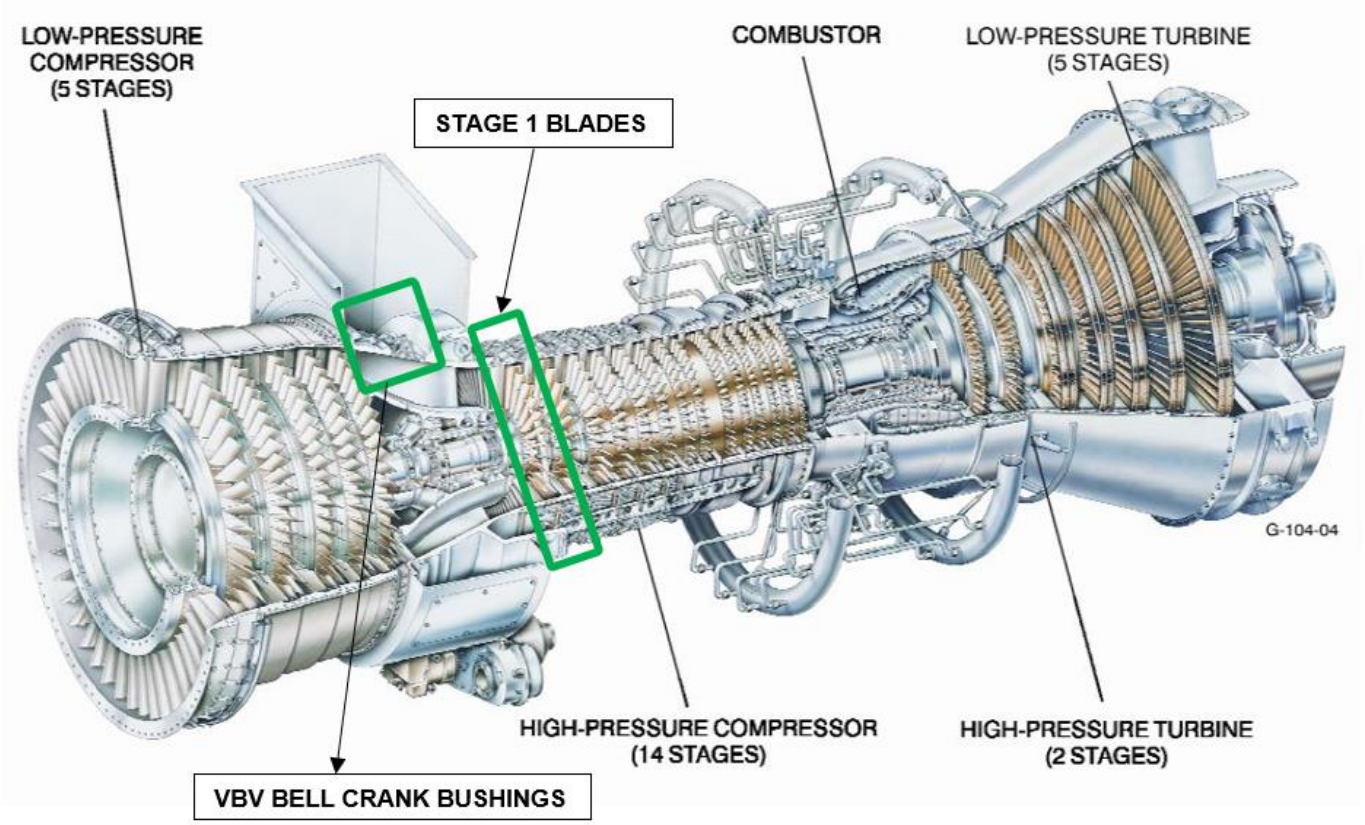
BACKGROUND:

The Riverside Energy Resource Center (RERC) consists of four General Electric (GE) LM6000 model gas turbine engines that, in total, provide 30 percent of Riverside's summer daily electric power demands. Riverside constructed the RERC facility in two phases: Units 1 and 2 were commissioned in 2006, and Units 3 and 4 in 2011.

The GE LM6000 gas turbine engine is equipped with 14 stages of high-pressure compressor (HPC) blades. During the recent annual inspection, the Stage 1 blades on Unit 4 exhibited signs of excessive wear. If these blades are not replaced, there is a high risk of failure that could result in significant damage to downstream components during operation, potentially leading to catastrophic failure of the gas turbine.

Additionally, the inspection identified abnormal movement and presented signs of wear in several of the variable bleed valve (VBV) bell crank bushings on Units 3 and 4. These components are critical for regulating airflow and ensuring safe, stable turbine operation. Addressing this wear is important to maintain reliable performance and prevent further mechanical issues.

Image 1: Technical Illustration of the GE LM6000



The current wear on the blades and bushings is expected as part of normal operations and because of effective maintenance practices, they have performed reliably for over 15 years.

Continuing to operate long term with worn blades and bushings can result in significant turbine damage and expensive repairs. To maintain safe and reliable unit operation and to avoid more extensive damage, costly repairs, or unplanned outages, staff recommends completing replacement and maintenance of the Stage 1 HPC blades on Unit 4 and VBV bell crank bushings on Units 3 and 4 during the scheduled outage in November 2026.

DISCUSSION:

On January 26, 2026, the City's Purchasing Division, on behalf of Riverside Public Utilities (RPU), posted Request for Proposals No. 2536 (RFP 2536) on PlanetBids to solicit proposals from qualified vendors to perform gas turbine maintenance services on stage 1 HPC blades on Unit 4 and the and bell crank bushings on Units 3 and 4 at RERC. Upon releasing RFP 2536, 15 vendors were notified and 8 prospective bidders downloaded the documents. The City did not host a pre-proposal meeting, one (1) question was received to respond to, and no addenda was released for RFP 2536. The notification summary is provided below.

Table 1. Notification Summary

Action	Number of Vendors
City of Riverside Vendors Notified	15
Vendors who downloaded the RFP	8
Proposals Received	1

There are only four (4) service providers worldwide qualified and authorized to perform the specialized gas turbine maintenance services required at RERC. On February 19, 2026, RFP 2536 closed with one (1) proposal from GE Vernova International LLC, (GE Vernova). This outcome is not unusual, considering the limited number of companies that perform this highly specialized maintenance.

RPU staff evaluated the proposal submitted by GE Vernova and has determined the proposal met the needs of RPU. GE Vernova provided competitive pricing and can meet RERC's outage schedules and repair times. The City's Purchasing staff recommends awarding GE Vernova, the original equipment manufacturer.

Table 2. Proposal Received

Vendor	Location	Amount	Rank
GE Vernova Inc.	**Cambridge, MA**	**$351,184.35**	**1**

This action is pursuant to Purchasing Resolution 24101, Section 508 which states, "Contracts procured through Formal Procurement shall be awarded by the Awarding Entity to the Lowest Responsive and Responsible Bidder, except that…(c) Contracts procured through Formal Procurement for Services or Professional Services, where a Request for Proposals or Request for Qualifications was used to solicit Bids, shall be awarded by the Awarding Entity in accordance with the evaluation criteria set forth in the Request for Proposals or Request for Qualifications…"

The Purchasing Manager concurs that the recommended action is compliant with Purchasing Resolution 24101, Section 508(c).

FISCAL IMPACT:

The total fiscal impact is $351,184.35. Sufficient funds are available in Public Utilities Maintenance Generating Plant Account No. 6120130-424131.

Prepared by: Scott Lesch, Utilities Assistant General Manager/Power Resources
Approved by: David A. Garcia, Utilities General Manager
Certified as to availability of funds: Julie Nemes, Interim Finance Director
Approved by: Gilbert Hernandez, Interim Assistant City Manager
Approved as to form: Rebecca McKee-Reimbold, Interim City Attorney

Attachments:
1. RFP No. 2536 Award Recommendation
2. Services Agreement with GE Vernova International LLC
3. Presentation