WATER | ENERGY | LIFE

RIVERSIDE PUBLIC UTILITIES

Board Memorandum

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

SUBJECT: PURCHASE OF THIRTY-FIVE (35) AUTOMATION MODULES FOR THE ELECTRICAL SWITCHGEAR AT THE RIVERSIDE ENERGY RESOURCE CENTER FROM CB PACIFIC INC. OF KIRKLAND, WASHINGTON IN THE AMOUNT OF $69,684.10

ISSUE:

Consider approving the purchase of thirty-five (35) automation modules for the electrical switchgear at the Riverside Energy Resource Center from CB Pacific Inc. of Kirkland, Washington in the amount of $69,684.10.

RECOMMENDATION:

That the Board of Public Utilities approves the purchase of thirty-five (35) automation modules for the electrical switchgear at the Riverside Energy Resource Center from CB Pacific Inc. of Kirkland, Washington in the amount of $69,684.10.

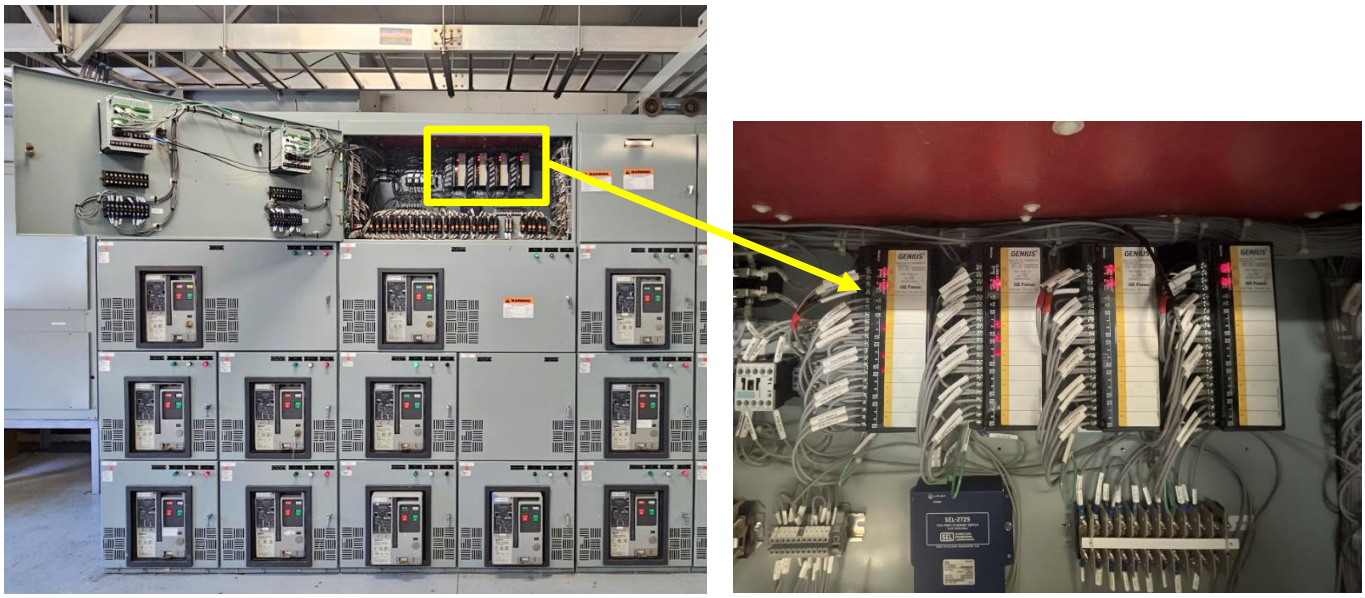
BACKGROUND:

The Riverside Energy Resource Center (RERC) is equipped with four General Electric LM6000 gas turbine engines, each with the capability of generating 50 megawatts (MW) of electricity in less than ten minutes. This facility was constructed in two phases: Units 1 and 2 were commissioned in 2006, followed by Units 3 and 4 in 2011. The availability of these units is critical to ensure that Riverside Public Utilities (RPU) can meet peak electricity demand and reliability needs.

The facility includes eight sets of electrical switchgear that are essential for safely distributing power and protecting critical plant equipment. These switchgear systems rely on a total of 75 automation modules within a computerized network to monitor and control operations. These modules have been in service since the plant was commissioned. Due to their age, these modules are now obsolete, with repair options increasingly limited because replacement parts are no longer readily available.

Continued operation with obsolete equipment greatly increases the risk of equipment failure, potential damage, and unplanned outages.

Image 1 – Four Obsolete Electrical Switchgear Automation Modules:



DISCUSSION:

To maintain reliability and extend the life of the switchgear systems, staff propose replacing 35 of the existing modules with current, supported versions. The removed modules will be retained and used as spare parts to support the remaining 40 modules in service.

This phased approach is a cost-effective alternative to a full system replacement. By installing new modules and repurposing the removed units as spares, the City can extend the useful life of the existing equipment and ensure continued operational support.

All work associated with this project will be performed by in-house staff, utilizing existing expertise and minimizing overall project costs. Only the required equipment will be procured.

The replacement modules must be fully compatible with the existing switchgear control system. The current system utilizes proprietary components that require precise integration with existing hardware and software. No third-party or aftermarket alternatives are available or approved for use.

CB Pacific Inc. is the authorized distributor for these components, offers competitive pricing, and provides the necessary support to ensure proper integration and ongoing reliability. As such, this purchase qualifies as a sole source procurement.

Table 1. Cost Summary

Item	Cost
35 Automation Modules	$53,833.50
6 Controllers	$10,243.80
Sales Tax (8.75%)	$5,606.80
Total	**$69,684.10**

This action is pursuant to Purchasing Resolution No. 24101, Section 602 which states “Competitive procurement through the Informal Procurement or Formal procurement process shall not be required in any of the following circumstances:…(c) - When the procurement can only

be obtained timely from a sole source and the Manager is satisfied that the best price, terms and conditions for the Procurement thereof have been negotiated."

The Purchasing Manager concurs that the recommended action is compliant with Purchasing Resolution No. 24101, Section 602(c).

FISCAL IMPACT:

The total fiscal impact is $69,684.10. Sufficient funds are available in Public Utilities RERC Maintenance Generating Plants 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. Quote from CB Pacific, Inc.
2. Presentation