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RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES **DATE: APRIL 28, 2025**

SUBJECT: PROCUREMENT OF SERVERS AND LICENSES FROM COMPUTER DISCOUNT WAREHOUSE - GOVERNMENT LLC (CDW-G) TO REPLACE FAILED UNITS AT UTILITIES OPERATIONS DATACENTER AND UNITS TO SUPPORT PI ON THE NEW SUPERVISORY CONTROL AND DATA AQUISITION SYSTEM; WORK ORDER NO. 2517602 IN THE AMOUNT OF $257,037, WITH AN ADDITIONAL 10% CONTINGENCY IN THE AMOUNT OF $25,703 FOR A FOR A TOTAL COST OF $282,741

ISSUE:

Consider approving the procurement of servers and licenses from Computer Discount Warehouse – Government (CDW-G) to replace four (4) failed units at Utilities Operations data center and two (2) units to support PI on the new Supervisory Control and Data Acquisition system in the total amount of $282,741.

RECOMMENDATION:

That the Board of Public Utilities:

1. Approve the expenditures of $257,037, for the procurement of servers and licenses from Computer Discount Warehouse - Government (CDW-G) to replace four (4) failed units at Utilities Operations datacenter and two (2) units to support PI on the new Supervisory Control and Data Acquisition system; and

2. Approve Work Order No. 2517602 in the amount of $257,037, with a 10% contingency in the amount of $25,703, for a total amount of $282,741.

BACKGROUND:

In November 2024, the primary and backup air conditioning units that cool the Utilities Operations datacenter (UOC) failed, causing four (4) servers to overheat. After a detailed inspection, it was determined these servers could not be repaired. Instead, four (4) new servers must be purchased, along with the software and licensing to support this equipment and integrate it with our infrastructure.

Two (2) additional servers will also be required to integrate our new Supervisory Control and Data Acquisition (SCADA) system with the City's PI Historian application. These additional servers will

ensure our Engineering Division has accurate information that can be used for forecasting and planning purposes.

In total, Riverside Public Utilities (RPU) requires six (6) new servers and the associated software licenses. This purchase will restore operations and ensure continuity of services for RPU.

DISCUSSION:

The servers will restore operations for critical functions and ensure the continued reliability of our infrastructure. The procurement will include both hardware replacements and the necessary licenses to maintain system security, performance, and scalability, ensuring that RPU can continue to operate efficiently and securely. RPU is utilizing cooperative purchasing through the city's membership in OMNIA Partners and a contract with CDW-G to receive the lowest cost on the hardware and software.

RPU staff will procure, configure, and test the new equipment in a secure environment so it can be integrated with our existing operational technology (OT) networks. Once it has been successfully validated, staff will install the equipment in the datacenter.

Server and License Procurement

CDW-G has a cooperative agreement under OMNIA Partners. OMNIA Partners is a national service cooperative created to provide procurement resources and solutions to members in government, education, and nonprofit sectors. Since the City of Riverside is a member of OMNIA Partners and its cooperative agreement program, the City can access pricing obtained by other public agencies through a competitive procurement process. CDW-G can provide the best overall supplier government pricing in accordance with OMNIA Partners Cooperative Agreement and RFP No. 2018011. CDW-G specializes in providing technology products, solutions, and services to government agencies, educational institutions, and non-profit organizations.

Per Purchasing Resolution 24101, Section 602. Exceptions. "The competitive procurement through the informal procurement and formal procurement process shall not be required in any of the following circumstances: (f) Where cooperative purchasing is available and undertaken or when Goods can be obtained through Federal, State, and/or other public entity pricing contracts or price agreements."

The Purchasing Manager concurs that the recommended actions are in compliance with Purchasing Resolution No. 24101, Section 602(f).

STRATEGIC PLAN ALIGNMENT:

This item contributes to Strategic Priority No. 6 Infrastructure, Mobility and Connectivity and 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.

This item aligns with each of the five Cross-Cutting Threads as follows:

1. **Community Trust** – The replacement of the failed servers and integration of the new ones ensures the continuity of essential services. This procurement will help maintain the reliability of the UOC data center, supporting RPU's mission to provide quality services to

the community.

2. **Equity** – By restoring the UOC data center's functionality, this procurement helps ensure reliable operations of critical systems, promoting equitable access to services for the entire community and ensuring the community benefits from the SCADA system.

3. **Fiscal Responsibility** – The purchase of new servers will minimize downtime and reduce disruptions, helping control operational costs and prevent losses from server failures.

4. **Innovation** – This procurement supports the modernization of the data center infrastructure, ensuring that RPU uses the latest technology to support the city's SCADA system and other critical operations.

5. **Sustainability & Resiliency** – By replacing the failed servers and enhancing the infrastructure, this procurement strengthens the resiliency of RPU's OT operations, reducing the risk of future failures and ensuring long-term service continuity.

FISCAL IMPACT:

Item	Cost
Work Order No. 2517602	
HP DL380 Gen11 Servers	$184,184
Win Server 2025 DC 2Core Licenses	$72,853
10% Contingency	$25,703
Total cost	**$282,741**

The total fiscal impact is $282,741. Sufficient funds are available in Public Utilities Electric Capital Account No. 6130200-470826.

Prepared by: Daniel Honeyfield, Utilities Assistant General Manager/ Energy Delivery
Approved by: David A. Garcia, Utilities General Manager
Certified as to availability of funds: Kristie Thomas, Finance Director/Assistant Chief Financial Officer
Approved by: Rafael Guzman, Assistant City Manager
Approved as to form: Jack Liu, Interim City Attorney

Attachment: Presentation