



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: APRIL 27, 2026

SUBJECT: SOFTWARE AND TECHNICAL SUPPORT SERVICES FOR THE CONTROL SYSTEMS AT RIVERSIDE ENERGY RESOURCE CENTER AND SPRINGS POWER PLANT FROM E&M ELECTRIC & MACHINERY, INC., DBA AVEVA SELECT CALIFORNIA OF HEALDSBURG, CALIFORNIA, FOR A THREE-YEAR TERM IN THE AMOUNT OF \$179,955

ISSUE:

Consider recommending that the City Council approve the expenditure on software and technical support services for the control systems at Riverside Energy Resource Center and Springs Power Plant from E&M Electric & Machinery, Inc., dba Aveva Select California of Healdsburg, California for a three-year term in the amount of \$179,955.

RECOMMENDATION:

That the Board of Public Utilities recommend that the City Council approve the expenditure on software and technical support services for the control systems at Riverside Energy Resource Center and Springs Power Plant from E&M Electric & Machinery, Inc., dba Aveva Select California of Healdsburg, California for a three-year term in the amount of \$179,955.

BACKGROUND:

The City of Riverside owns and operates the Riverside Energy Resource Center (RERC) and the Springs Power Plant (Springs). Both facilities are subject to strict environmental regulations and are designed to operate at the lowest achievable emissions for their respective engine classes. Together, the facilities provide 232 megawatts of generation capacity and operate only when necessary to meet critical electricity demand.

Operations at each facility are managed through the plants' distributed control systems (DCS), which allow technicians to monitor and control a wide variety of equipment and components. The Wonderware software operates within the DCS and provides data to the Supervisory Control and Data Acquisition (SCADA) system, as well as Riverside Public Utilities' (RPU) PI System dashboards. Wonderware was installed during the original construction of both RERC and Springs and was specifically customized for each facility. Recognized as one of the best platforms for power generation applications, the software has been continuously maintained and updated since each facility was commissioned: Springs in 2002; RERC Units 1 and 2 in 2006; and RERC Units 3 and 4 in 2011.

E&M Electric & Machinery, Inc., doing business as (dba) Aveva Select California (E&M), serves as the authorized vendor for the Wonderware software utilized at RERC and Springs. E&M provides ongoing technical support and performs required software upgrades. The software is owned by Aveva Software, LLC.

Continued technical support for the Wonderware platform is essential to maintain system integrity, implement process updates, and ensure reliable integration with the SCADA system.

DISCUSSION:

The Public Works Department - Wastewater Division also utilizes Wonderware software to support SCADA systems and plant operations at the City's Water Quality Control Plant. To secure more favorable pricing, staff consolidated the technical support and software licensing for both departments under a single agreement. The Public Works Department's share of the cost will be incorporated into a joint Public Utilities/Public Works item presented to the City Council for final approval.

In October 2021, the City Council approved an End User License Agreement (EULA) with E&M for Wonderware software and related services for a two-year term that expired on August 31, 2023. In July 2023, the City Council approved a three-year renewal, now set to expire on August 31, 2026.

Staff worked directly with Aveva Software, LLC and negotiated a three-year proposal with favorable pricing, resulting in an overall cost savings of 18%. If the Board of Public Utilities recommends approval of the expenditure for RERC and Springs, Public Works will seek City Council approval for the combined purchase. The City and Aveva mutually agreed to the EULA terms in October 2021, and those same terms will continue to apply for the next three years.

Additionally, this procurement is not required to go through a competitive procurement. Under Purchasing Resolution No. 24101, Section 702 "Competitive Procurement through the Informal Procurement and Formal Procurement process shall not be required... (t) when the Procurement is for the annual maintenance, license(s), support, or similar need for current technology systems, including hardware, and the items procured are from the owner/developer of the software/hardware or from a sole source provider, and the Manager is satisfied that the best price, terms and conditions have been negotiated."

The Purchasing Manager concurs that the recommended actions comply with Purchasing Resolution No. 24101.

The Public Works Director concurs with the recommended actions in this report.

FISCAL IMPACT:

The total fiscal impact for RPU for Fiscal Year 2026/27 is \$57,085. Sufficient funds are included in the proposed Fiscal Year 2026-2028 biennial budget in the Public Utilities RERC Maintenance Generating Plants Account No. 6120130-424131 and Springs Maintenance Generating Plant Account No. 6120120-424131.

Table 1. Fiscal Year Breakdown

Fiscal Year	Cost
FY 26/27	\$57,085
FY 27/28	\$59,940
FY 28/29	\$62,930
Total	\$179,955

Funding in future years will be included as part of the budget process. Public Works and RPU's costs will be included jointly with the item for City Council approval.

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. Aveva Select California Proposal
 2. Executed EULA October 2021
 3. Presentation