

CITY OF SANTA ROSA
BOARD OF PUBLIC UTILITIES

TO: BOARD OF PUBLIC UTILITIES
FROM: JEANNINE SARRAGOSSA, DEPARTMENT OF INFORMATION
TECHNOLOGY SUPERVISOR SANTA ROSA WATER
BRANDALYN TRAMEL, PURCHASING AGENT, FINANCE
DEPARTMENT
SUBJECT: WAIVER OF COMPETITIVE PROCESS AND SOLE SOURCE
AWARD FOR EQUIPMENT AND LICENSES WITH E&M
ELECTRIC AND MACHINERY, INC. DBA WONDERWARE
CALIFORNIA

AGENDA ACTION: RESOLUTION

RECOMMENDATION

It is recommended by the Water and Finance Departments that the Board of Public Utilities, by resolution, waive competitive process and authorize the award of a sole source Purchase Order with E&M Electric and Machinery, Inc. dba Wonderware California, for equipment and licenses to manage the Supervisory Control and Data Acquisition (SCADA) system in the amount not to exceed \$217,781.56.

EXECUTIVE SUMMARY

The equipment and licenses are necessary to support the SCADA systems operational and compliance recording equipment that utilizes software developed by Electric and Machinery, Inc. dba Wonderware California

BACKGROUND

Wonderware software is used to manage the SCADA system. Regional Water operations uses 15,000 sensors indicating temperature, flow of liquids and electrical current, pressure, level, run hours, and alarms, to monitor process performance. The data from the sensors is used in reports that support regulatory requirements and help with management decisions.

Santa Rosa Water engaged with Wonderware in 2003 to provide the software that manage the SCADA system processing for the Geysers and Regional Treatment Plant operations.

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In 2017, the City entered into a Professional Services Agreement Number F001496 (Agreement) with Wonderware to provide ongoing technical support, software upgrades and annual licensing fees.

In 2018, the First Amendment to the Agreement updated the scope of services to include additional software upgrades and annual licensing fees and extended the time of performance to September 1, 2023.

The SCADA systems have aging and failing equipment in need of replacement. In order to maintain the warranty, avoid conflicting vendor issues, and maintain a single point of contact for those critical systems, it is necessary that this equipment be purchased and configured by Wonderware.

PRIOR BOARD OF PUBLIC UTILITIES REVIEW

Not applicable

ANALYSIS

The Wonderware software has been in use in the City since 2003. It is to the City's advantage to approve the waiver of competitive bid to prevent the need for additional vendors and warranty issues moving forward with the SCADA systems items listed in Quote # 253915.9.

FISCAL IMPACT

Funds for this project were appropriated in the 2020-21 fiscal year Water Department Capital Improvement Program budget.

ENVIRONMENTAL IMPACT

This action is categorically exempt from the California Environmental Quality Act (CEQA), pursuant to CEQA Guidelines Section 15301, Existing Facilities, as the Project consists of the purchase of equipment involving a minor alteration of an existing public sewerage facility operated by the Water and Wastewater Operations Departments, resulting in a negligible or no expansion of use.

BOARD/COMMISSION/COMMITTEE REVIEW AND RECOMMENDATIONS

Not applicable

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ATTACHMENTS

- Resolution

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