

CITY OF SANTA ROSA
BOARD OF PUBLIC UTILITIES

TO: BOARD OF PUBLIC UTILITIES

FROM: CHRIS BALANESI, ASSOCIATE CIVIL ENGINEER
CAPITAL PROJECTS ENGINEERING

SUBJECT: SOLE SOURCE CONTRACT SPECIFICATION FOR HENRY PRATT COMPANY VALVES AND K-TORK VALVE ACTUATORS FOR THE LAGUNA TREATMENT PLANT FILTER CELLS 9-14 VALVE AND ACTUATOR REPLACEMENT PROJECT

AGENDA ACTION: RESOLUTION

RECOMMENDATION

It is recommended by the Transportation and Public Works Department and Santa Rosa Water that the Board of Public Utilities, by resolution, approve a sole source contract specification for Henry Pratt Company (XR-70, 2FII) valves and K-Tork (KT-50, KT-40) valve actuators for the Laguna Treatment Plant Filter Cells 9-14 Valve and Actuator Replacement Project.

EXECUTIVE SUMMARY

This resolution will approve the sole source contract specifications for Henry Pratt Co. (XR-70, 2FII) valves and K-Tork (KT-50, KT-40) valve actuators for the Laguna Treatment Plant (LTP) Filter Cells 9-14 Valve and Actuator Replacement Project (Project), C02096.

BACKGROUND

The filter valves and actuators ancillary to the LTP filter cells 9 through 14 have been causing cold weather operations problems, are considered obsolete, and have reached the practical limit of their useful life. The filter facility is a component of the tertiary treatment process and was constructed in two separate phases. The original construction of filter cells 1 through 8 was completed in 1989, followed by the completion of filter cells 9 through 14 in 1994. Replacement and rehabilitation of the first phase filter cells 1 through 8 was completed under construction contract No. C01829 in 2016. This Project replaces the remaining filter cells, 9 through 14.

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The proposed Project will replace twenty-four (24) 24" and six (6) 8" existing filter valves with new butterfly valves and associated valve actuators. Construction is anticipated to start in the fall of 2024 with an estimated construction cost of \$1.6M.

The Project contract specifications propose to explicitly sole source the following:

- Henry Pratt Company (XR-70, 2FII) Butterfly Valves
- K-Tork (KT-50, KT-40) Valve Actuators

PRIOR BOARD OF PUBLIC UTILITIES REVIEW

Not applicable.

ANALYSIS

The authority to approve the proposed sole source items lies with the Board of Public Utilities. Section 3400 of the California Public Contract Code requires that when a specific brand or trade name product is called for in connection with the construction or repair of a public works project, the contract specification must be followed by the words "*or equal*" so that bidders may furnish any equal product or service. However, Section 3400 allows the awarding authority to make a finding that allows a specific brand or trade name for a particular product or service in order to match other products in use on a particular public improvement either completed or in the course of completion.

The City's Wastewater Treatment Plant has standardized and integrated Henry Pratt Co. valves and K-Tork valve actuators into its system. Their use has documented superior performance related to control, reliability, quality, and consistency.

The continued utilization of Henry Pratt Co. valves and K-Tork valve actuators will minimize operational impacts and retain the ability to swap out parts in the event urgent repairs are required, as well as provide consistency with maintenance, spare parts inventory, and training. It is for these reasons Santa Rosa Water would like to proceed with a sole source contract specification and installation of Henry Pratt Co. valves and K-Tork valve actuators as part of the Project.

FISCAL IMPACT

Approval of this action has no additional impact on the budget. Funds for this project were previously appropriated in the Capital Improvement Program Budget.

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ENVIRONMENTAL IMPACT

This action has been reviewed in accordance with the California Environmental Quality Act (CEQA) and is categorically exempt pursuant to CEQA Guidelines Section 15378, because it is not an action which has the potential for resulting in either a direct physical change in the environment or a reasonably foreseeable indirect physical change in the environment.

BOARD/COMMISSION/COMMITTEE REVIEW AND RECOMMENDATIONS

Not applicable.

ATTACHMENTS

- Resolution/Exhibit A

PRESENTER

Chris Balanesi, P.E., Associate Civil Engineer