

CITY OF SANTA ROSA  
BOARD OF PUBLIC UTILITIES

TO: BOARD OF PUBLIC UTILITIES  
FROM: JOE SCHIAVONE, DEPUTY DIRECTOR - WATER OPERATIONS  
WATER DEPARTMENT  
SUBJECT: WAIVER OF COMPETITIVE BID AND SOLE  
MANUFACTURE/SOURCE AWARD FOR TWO FLYGT SEWER  
REPLACEMENT PUMPS FOR STAGECOACH SEWER LIFT  
STATION

AGENDA ACTION: RESOLUTION

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RECOMMENDATION

It is recommended by the Water Department that the Board of Public Utilities, by resolution, authorize a waiver of competitive bid and award a sole manufacture/source purchase of two replacement Flygt sewer pumps for the Stagecoach Sanitary Sewer Lift Station to SHAPE, Inc., Pleasanton, CA in the amount not to exceed \$114,697.21.

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EXECUTIVE SUMMARY

The existing pumps at the Stagecoach Sewer Lift Station have reached the end of their useful life and are due for replacement. Since 1991, Local Operations has been installing Flygt sewer pumps at newly developed/constructed sewer lift stations and replacing aging pumps at our sewer lift stations with Flygt pumps as the existing pumps fail. Flygt pumps are only available for purchase in this area through SHAPE, Inc. SHAPE, Inc. is the exclusive factory authorized distributor of Flygt pumps and accessories for the municipal market in the Northern California region.

BACKGROUND

The Stagecoach sanitary sewer lift station was constructed in 1983. The current sewer pumps that operate this station were installed in 1997. The age of the existing pumps (24 years) is causing them to operate less efficiently, and it continues to be increasingly difficult to find replacement parts to make necessary repairs.

Based on experience with developer installed Flygt submersible pumps and a recommendation in a 2015 technical memorandum, Local Operations began replacing existing sewer pumps with Flygt sewer pumps because they improve efficiency and reduce the number of calls for service to our sewer lift stations due to system alarms. The

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installation of Flygt sewer pumps has allowed Local Operations to achieve a high level of efficiency, and the patented N-technology, with its self-cleaning impeller, reduces unplanned maintenance. Flygt pumps have been installed at several other City of Santa Rosa sewer lift stations (West College, Flintridge, Fawn Glenn, Mohawk, Hansford Court and Skyfarm A) and all have performed extremely well.

As the sole distributor for Flygt sewer pumps in the northern California region, SHAPE, Inc. is the City's only source for Flygt sewer pumps.

PRIOR BOARD OF PUBLIC UTILITIES REVIEW

Not Applicable.

ANALYSIS

The cost analysis presented by the engineering firm hired to design the rebuild of the Skyfarm A sanitary sewer lift station showed the Flygt N series submersible to be the best value. Local Operations has a history of very low maintenance costs, improved efficiency, and reduced calls for service with the existing Flygt pumps, and for that reason, Local Operations has determined that the existing pumps should be replaced with Flygt pumps.

FISCAL IMPACT

Funds required for this operational expense have been appropriated in the fiscal year 2021-2022 Water Department budget.

ENVIRONMENTAL IMPACT

This action is exempt from the California Environmental Quality Act (CEQA) pursuant to CEQA Guidelines Section 15301, in that the project will facilitate maintenance and repairs on an existing facility that involves negligible expansion of existing use and will promote safety and health. The activity is also covered by the common sense exemption in section 15061 because there is no possibility that the activity of purchasing the new pumps to replace the existing ones will have a significant effect on the environment.

BOARD/COMMISSION/COMMITTEE REVIEW AND RECOMMENDATIONS

Not Applicable

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ATTACHMENTS

- Attachment 1 – SHAPE Quote
- Attachment 2 – Authorized Distributor Letter

CONTACT

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