Agenda Item # 7.5
For Board Meeting of: May 15, 2025

CITY OF SANTA ROSA
BOARD OF PUBLIC UTILITIES

TO: CHAIR AND BOARD MEMBERS
FROM: TRACY VERA, BUYER, FINANCE DEPARTMENT
SUBJECT: APPROVAL OF FOURTH AMENDMENT TO BLANKET PURCHASE ORDER 165392 – INCREASE COMPENSATION FOR ULTRAVIOLET DISINFECTION SYSTEM PARTS WITH TROJAN TECHNOLOGIES, INC.

AGENDA ACTION: MOTION

RECOMMENDATION

It is recommended by Santa Rosa Water and the Finance Department that the Board of Public Utilities, by motion, approve the Fourth Amendment to Blanket Purchase Order (BPO) 165392 to increase compensation for ultraviolet disinfection system parts to Trojan Technologies, Inc., London, Ontario, Canada, in the amount of $300,000 for a total cumulative amount not to exceed $4,400,000.

EXECUTIVE SUMMARY

All replacement parts required to maintain the existing ultraviolet (UV) disinfection system at the Laguna Treatment Plant are proprietary to Trojan Technologies, Inc. and the Purchasing Division of the Finance Department received a request from Santa Rosa Water to add $300,000 in compensation to BPO 165392.

BACKGROUND

As a condition of operation, the Laguna Treatment Plant (LTP) is subject to a National Pollution Discharge Elimination (NPDES) permit issued by the North Coast Regional Water Quality Control Board. To comply with the requirements of the permit, LTP must disinfect treated wastewater. To satisfy this requirement, on September 10, 1996, the City Council, by Resolution 22834, awarded contract No. 4957 to Trojan Technologies, Inc., London, Ontario, Canada for the purchase of a Trojan UV4000 disinfection system for the LTP. The Trojan UV4000 has reached the end of its life cycle, and as a result, the LTP is currently in the process of installing a new De Nora $C^3$500D UV system. The UV improvement project is in construction and is anticipated to be completed by the end of 2025. Until then, the existing system must be maintained in operational status.

PRIOR BOARD OF PUBLIC UTILITIES REVIEW

On September 2, 2021, the Board approved a sole source award and Blanket Purchase Order to Trojan Technologies, Inc. to procure parts and supplies for maintenance of the existing Laguna Wastewater Treatment Plant UV disinfection system in the amount of $1,550,000.

On October 6, 2022, the Board approved the First Amendment to BPO 165392 to extend the term by one year, increase unit cost, and increase compensation in the amount of $950,000.

On October 5, 2023, the Board approved the Second Amendment to BPO 165392 to extend the term by one year, increase unit cost, and increase compensation in the amount of $600,000.

On April 1, 2025, the Board approved the Third Amendment to BPO 165392 to extend the term by one year, increase unit cost, and increase compensation in the amount of $1,000,000.

ANALYSIS

All replacement parts required to maintain the existing UV disinfection system are proprietary to Trojan Technologies, Inc. Replacement parts for the Trojan system are consumables with varying lifespans. Plant conditions and increased flows have contributed to shorter lifespans. Additional funding is needed to maintain the operability of this system until the new UV system is operational.

This request will fund the BPO through the expiration date of October 31, 2025.

Under the City's Contract/Purchase City Code 3-08-110(A) Award Authority, this amendment requires approval by the Board of Public Utilities.

FISCAL IMPACT

Funds required for this operational expense have been appropriated in the fiscal year 2024-25 adopted budget of the Water Department. As a regular ongoing operating need, funds for this type of expenditure will continue to be included annually in the proposed budget for the Water Department.

ENVIRONMENTAL IMPACT

The Board finds that pursuant to CEQA Guidelines Section 15378, the proposed action is not a "project" subject to the California Environmental Quality Act (CEQA) because it does not have a potential for resulting in either a direct physical change in the environment or a reasonably foreseeable indirect physical change in the environment. In the alternative, the proposed action is exempt from CEQA pursuant to CEQA

Guidelines Section 15061(b)(3) because it can be seen with certainty that there is no possibility that the project may have a significant effect on the environment.

BOARD/COMMISSION/COMMITTEE REVIEW AND RECOMMENDATIONS

Not applicable.

NOTIFICATION

Not applicable.

ATTACHMENTS

Not applicable.

PRESENTER

John Walker, Wastewater Treatment Superintendent