

CITY OF SANTA ROSA
BOARD OF PUBLIC UTILITIES

TO: BOARD OF PUBLIC UTILITIES
FROM: BRYAN HEINZELMAN, ASSOCIATE CIVIL ENGINEER
CAPITAL PROJECTS ENGINEERING
SUBJECT: CONTRACT AWARD – LAGUNA TREATMENT PLANT CHILLERS
AND CLIMATE CONTROL UPGRADES AT THE
ADMINISTRATION AND ANNEX BUILDINGS

AGENDA ACTION: MOTION

RECOMMENDATION

It is recommended by the Transportation and Public Works Department and the Water Department that the Board, by motion, approve the project and award Construction Contract No. C02105 in the amount of \$873,216.00 to the lowest responsive bidder, Matrix HG, Inc., of Novato, CA for Laguna Treatment Plant Chillers and Climate Control Upgrades at Administration and Annex Building, approve a 15% contingency, and authorize a total contract amount of \$1,004,198.40.

EXECUTIVE SUMMARY

This motion will award a construction contract in the amount of \$873,216.00 to the lowest responsive bidder, Matrix HG, Inc., of Novato, California, approve a 15% contract contingency, and authorize a total contract amount of \$1,004,198.40 to Contract No. C02105, Laguna Treatment Plant Chillers and Climate Control Upgrades at Administration and Annex Building.

BACKGROUND

A 2016 study by Costa Engineers Inc. identified the chillers and boilers located at the Administration and Annex Buildings have reached the end of their effective service life. Climate control at the Administration Building is critical to plant operations as it houses a laboratory which must adhere to specific regulatory environmental protocols. The Laguna Treatment Plant Chillers and Climate Control Upgrades at the Administration and Annex Buildings project (Project) will consist of the replacement of two 50-ton chillers and two condensing boilers in the Administration building, and one 15-ton chiller at the Annex building. The Project will also provide upgrades of the climate control system at both buildings. The Laguna Treatment Plant (Plant) uses exclusively Siemens S7 Series programmable logic controllers (PLC) that provide control of the various processes

necessary for waste water treatment. A portion of the PLC network will be replaced in conjunction with the climate control upgrades.

PRIOR BOARD OF PUBLIC UTILITIES REVIEW

On August 15, 2019, the Board, by Resolution No. 1203, approved the sole source specification of Siemens S7 Series PLC for the climate control system for the Project.

ANALYSIS

This project was advertised on September 3, 2019 and bids were received on October 1, 2019. A total of three (3) bids were received, ranging from \$873,216.00 to \$912,069.00. The low bid was approximately 25.82% above the Engineer's Estimate of \$694,025.00.

Construction is anticipated to begin in January 2020 and to be complete in June 2020.

FISCAL IMPACT

Approval of this contract has no additional impact on the budget. Funds for this project were previously appropriated in the fiscal years of 2016/2017 and 2017/2018, Capital Improvement Program budget.

ENVIRONMENTAL IMPACT

This action is categorically exempt from the California Environmental Quality Act (CEQA), pursuant to CEQA Guideline Title 14, Chapter 3, Article 19, Sections 15301 and 15303 of CEQA, as the Project consists of a minor alteration of an existing public sewerage facility and the improvements are all located within the developed area of the Laguna Treatment Plant.

BOARD/COMMISSION/COMMITTEE REVIEW AND RECOMMENDATIONS

Not applicable

ATTACHMENTS

- Attachment 1 – Summary of Bids
- Attachment 2 – Location Map

CONTACT

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