

CITY OF SANTA ROSA  
BOARD OF PUBLIC UTILITIES

TO: BOARD OF PUBLIC UTILITIES  
FROM: BRYAN HEINZELMAN, ASSOCIATE ENGINEER  
CAPITAL PROJECTS ENGINEERING

SUBJECT: CONTRACT AWARD – LAGUNA TREATMENT PLANT PRIMARY  
INFLUENT PUMP DRIVE REPLACEMENT

AGENDA ACTION: MOTION

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RECOMMENDATION

It is recommended by the Transportation and Public Works Department and the Water Department that the Board of Public Utilities, by motion, approve the project and award Construction Contract No. C02051, Laguna Treatment Plant Primary Influent Pump Drive Replacement in the amount of \$388,000.00 to the lowest responsive bidder, Mike Brown Electric Co., of Cotati, California, for Laguna Treatment Plant Primary Influent Pump Drive Replacement, approve a 15% contingency, and authorize a total contract amount of \$446,200.00.

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EXECUTIVE SUMMARY

This motion will award a construction contract in the amount of \$388,000.00 to the lowest responsive bidder, Mike Brown Electric Co., of Cotati, California, approve a 15% contract contingency, and authorize a total contract amount of \$446,200.00, to construct the Laguna Treatment Plant Primary Influent Pump Drive Replacement.

BACKGROUND

The project includes the replacement of six (6) existing Variable Frequency Drives (VFD)s that control the primary influent pumps at the Laguna Treatment Plant. Installed in 1998, the existing drives are showing signs of inadequate performance and are considered obsolete, making replacement parts challenging and expensive to acquire. Failure of this equipment would result in an overall reduced capacity for treatment at the Plant. This project will replace all six (6) VFDs and the associated electrical and controls, as well as provide a spare VFD for emergency replacement.

## PRIOR BOARD OF PUBLIC UTILITIES REVIEW

Not applicable.

## ANALYSIS

This project was advertised on February 13, 2019, and bids were received on March 4, 2019. A total of two (2) bids were received, ranging from \$388,000.00 to \$392,000.00. The low bid was approximately 5.09% below the Engineer's Estimate of \$408,810.00.

Construction is anticipated to begin in April 2019 and be complete in October 2019.

## FISCAL IMPACT

Approval of this contract has no additional impact on the budget. Funds for this project were appropriated in the fiscal year 2018-19, 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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