

CITY OF SANTA ROSA
BOARD OF PUBLIC UTILITIES

TO: BOARD OF PUBLIC UTILITIES
FROM: GRANT BAILEY, ASSOCIATE CIVIL ENGINEER
TRANSPORTATION AND PUBLIC WORKS
SUBJECT: CONTRACT AWARD – GEYSERS PIPELINE EXPANSION
JOINTS REPLACEMENT PROJECT

AGENDA ACTION: MOTION

RECOMMENDATION

It is recommended by the Water and Transportation and Public Works Departments that the Board of Public Utilities, by motion, award Construction Contract No. C02243 in the amount of \$924,458.00 to the lowest responsive bidder, Piazza Construction, of Penngrove, California, for Geysers Pipeline Expansion Joints Replacement Project, approve a 20% contingency, and authorize a total contract amount of \$1,109,349.60.

EXECUTIVE SUMMARY

This motion will award a construction contract in the amount of \$924,458.00 to the lowest responsive bidder, Piazza Construction, of Penngrove, California, for Geysers Pipeline Expansion Joints Replacement Project, approve a 20% contingency, and authorize a total contract amount of \$1,109,349.60.

BACKGROUND

To convey recycled water from the Laguna Treatment Plant (LTP) to the Geysers Geothermal area, the City of Santa Rosa (the City) partnered with Calpine Corporation to construct a 40-mile pipeline along Pine Flat Road. In 2003, the Geysers Pipeline began providing recycled water to the Geysers. Areas of slope instability were identified in the Pine Flat South section of the pipeline during initial design. To accommodate potential pipeline movement resulting from slope instability, five (5) expansion joints and a series of ball joints were installed.

In 2018, the City's Geysers Operations staff discovered a leak in the pipeline, which was determined to be one of the five expansion joints. In 2019, leaks were also observed at two more expansion joints, and temporary repairs to stop leaks at all three joints were performed by a City contractor. Ultimately, it was concluded that all five

existing expansion joints had reached the end of their fifteen-year service life and thus should be replaced.

On May 21, 2020, the Board of Public Utilities approved the Geysers Pipeline Expansion Joints Replacement Project and authorized issuance of a purchase order to purchase five replacement expansion joints from Hyspan Precision Products, Inc. Advanced purchase of the replacement expansion joints was necessary for joints to be available for installation during the annual maintenance shutdown of the Geysers Pipeline which occurs in the fall.

PRIOR BOARD OF PUBLIC UTILITIES REVIEW

On May 21, 2020, the Board of Public Utilities approved the Geysers Pipeline Expansion Joints Replacement Project and authorized a Purchase Order to purchase five expansion joints from Hyspan Precision Products, Inc in the amount not to exceed \$946,419.00.

ANALYSIS

This project was advertised on May 18, 2020, and bids were received on June 18, 2020. A total of five (5) bids were received, ranging from \$924,458.00 to \$1,189,369.00. The low bid was approximately 13.5% below the Engineer's Estimate of \$1,069,000.00. It is recommended a 20% construction contingency be approved as this project will repair infrastructure critical to the continued operation of the Geysers Pipeline system and the project can only be completed during a short construction window.

Construction is anticipated to begin in September 2020 and be complete in November 2020.

A Public Participation Plan was prepared and has been approved by the Transportation and Public Works Marketing and Outreach Coordinator.

FISCAL IMPACT

Funds for this project were appropriated in the fiscal year 2019-20 Capital Improvement Program budget. Approval of this contract has no additional impact on the budget.

ENVIRONMENTAL IMPACT

This action is exempt from the California Environmental Quality Act (CEQA) pursuant to CEQA Guideline section 15301, in that the project will perform maintenance and repairs on existing facility that involves negligible expansion of existing use.

BOARD/COMMISSION/COMMITTEE REVIEW AND RECOMMENDATIONS

Not Applicable

ATTACHMENTS

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

CONTACT

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