

CITY OF SANTA ROSA
BOARD OF PUBLIC UTILITIES

TO: BOARD OF PUBLIC UTILITIES
FROM: JILLIAN TILLES, ASSOCIATE CIVIL ENGINEER
CAPITAL PROJECTS ENGINEERING
SUBJECT: CONTRACT AWARD – REPLACEMENT OF WATER SERVICES
AFFECTED BY THE TUBBS FIRE
AGENDA ACTION: MOTION

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. C02213 in the amount of \$604,290.00 to the lowest responsive bidder, Northern Pacific Corporation, of Napa, California for Replacement of Water Services Affected by the Tubbs Fire, approve a 10% contingency, and authorize a total contract amount of \$664,719.00.

EXECUTIVE SUMMARY

As the water quality investigation continues in the Tubbs fire affected area, the Water Department has identified water services outside the advisory area that need to be removed and replaced to protect system infrastructure and maintain health and safety standards within the Tubbs Fire Zone. This contract will replace approximately 93 services identified for replacement and will include a second phase to replace additional water services outside the advisory area as identified through the end of 2018, until a maximum price of \$100,000 is met.

BACKGROUND

The Santa Rosa Water Department has performed an extensive investigation to determine ways to remove the contamination from the water system. An acceptable solution must meet two goals: 1) Minimize risk to public health and safety; and 2) return the water system to pre-fire conditions. The investigation has looked at the various methods to remove the contamination: flushing, pigging, surfactants, water treatment and replacement of infrastructure.

Efforts at cleaning, flushing and/or partially replacing the system within the advisory have not been effective in removing the contaminants to a level that is acceptable for the protection of public health and safety. However partial replacement outside of the

advisory area has proven to be more effective and Santa Rosa Water is moving forward to replace all of the service lines that show detectable levels of contamination (greater than 0.5 ppb for benzene). All existing service lines will be replaced with 1" Polyvinyl coated copper lines.

There are approximately 93 services identified for replacement under this contract, with approximately 70 water service replacements already completed by City Forces. This Project will include a second phase to replace additional water services outside the advisory area that are identified through the end of 2018 or until a maximum price of \$100,000 is met.

PRIOR BOARD OF PUBLIC UTILITIES REVIEW

Not applicable

ANALYSIS

This project was advertised on April 19, 2018, and bids were received on May 8, 2018. A total of five (5) bids were received, ranging from \$604,290.00 to \$1,119,418.00. The low bid was approximately 16.88% below the Engineer's Estimate of \$727,050.90.

Construction is anticipated to begin in June 2018 and be complete in July 2018.

The Public Participation Plan is required and has been coordinated with the Water Department.

FISCAL IMPACT

The contract documents have been prepared to meet FEMA procurement guidelines and the City will seek reimbursement for the work.

ENVIRONMENTAL IMPACT

This action is statutorily exempt from the California Environmental Quality Act (CEQA) pursuant to CEQA Guideline section 15282 (k) for pipeline replacement.

Additionally, this action is categorically exempt pursuant to CEQA Guidelines Section 15301 in that the project involves repair and maintenance of equipment and systems within existing facilities with negligible or no expansion of the use.

BOARD/COMMISSION/COMMITTEE REVIEW AND RECOMMENDATIONS

N/A

ATTACHMENTS

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

CONTACT

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