

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-INSIDE THE ADVISORY ZONE  
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. C02222 in the amount of \$2,305,732.00 to the lowest responsive bidder, Terracon Constructors, Inc., of Healdsburg, California for Replacement of Water Services Affected by the Tubbs Fire-Inside the Advisory Zone, approve a 10% contingency, and authorize a total contract amount of \$2,536,305.20.

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EXECUTIVE SUMMARY

As the water quality investigation continues in the Tubbs fire affected area, the Water Department has identified water services inside 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 368 services identified for replacement.

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 services inside the Water Quality Advisory Area. The existing services will

be replaced with 1" Polyvinyl coated copper lines. The contract will also replace the permanent blow offs in the advisory area. There are approximately 368 services identified for replacement under this contract including 113 manifold services that will be replaced with single services.

#### PRIOR BOARD OF PUBLIC UTILITIES REVIEW

Not applicable

#### ANALYSIS

This project was advertised on May 4, 2018, and bids were received on May 21, 2018. A total of seven (7) bids were received, ranging from \$2,305,732.00 to \$4,713,050.00. The low bid was approximately 18.25% below the Engineer's Estimate of \$2,820,400.00.

Construction is anticipated to begin in June 2018 and be complete in August 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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