

CITY OF SANTA ROSA
BOARD OF PUBLIC UTILITIES

TO: BOARD OF PUBLIC UTILITIES
FROM: DAVID FRADELIZIO, PE; ASSOCIATE CIVIL ENGINEER
TRANSPORTATION AND PUBLIC WORKS DEPARTMENT
SUBJECT: PROFESSIONAL SERVICES AGREEMENT FOR
CONSTRUCTION MANAGEMENT AND INSPECTION – LLANO
TRUNK – WEST THIRD ST., BRITTAIN TO DARLA AND
GLENBROOK SIPHON LINING

AGENDA ACTION: MOTION

RECOMMENDATION

It is recommended by the Transportation and Public Works Department, the Water Department, and the Contract Review Subcommittee that the Board, by motion, approve the Professional Services Agreement with PSOMAS, of Walnut Creek, CA for construction management and inspection services associated with the construction contract C02285 - Llano Trunk – West Third St., Brittain to Darla and Glenbrook Siphon Lining in the amount not to exceed \$418,594.00.

EXECUTIVE SUMMARY

This motion will award a Professional Services Agreement (PSA) for construction management and inspection services associated with the construction contract C02285 - Llano Trunk – West Third St., Brittain to Darla and Glenbrook Siphon Lining (Lining Project).

BACKGROUND

This project will focus on the rehabilitation of two segments of trunk sewer main by means of trenchless cured-in-place pipe (CIPP) lining technology. The first segment is approximately 3,800 linear feet of deteriorating 54-inch trunk sewer pipe located on West Third Street from Brittain Lane to Darla Drive. The second segment is made up of four parallel sewer pipes that cross under Santa Rosa Creek, known as the Glenbrook Siphon. The siphon consists of four parallel concrete pipes approximately 147 linear feet each: a 12" pipe, 18" pipe, 27" pipe, and 36" pipe. The 12" concrete pipe will be abandoned in place, as it is no longer needed. This project will also rehabilitate nine existing sewer structures utilizing corrosion resistant liners. An above-ground sewage bypass pumping system will be required to convey approximately 22 million-gallons per

day during the construction of these improvements.

These improvements will strengthen the walls of the existing sewer trunk system, protect against future hydrogen sulfide deterioration and extend the sewer trunk and siphon's effective useful life. Based on the existing pipe conditions and site constraints, rehabilitating these segments of existing trunk sewer system and associated structures with the proposed methods is necessary.

The Llano Trunk – West Third St., Brittain to Darla and Glenbrook Siphon Lining project is scheduled to begin construction in July with construction anticipated to take 100 working days.

PRIOR BOARD OF PUBLIC UTILITIES REVIEW

On May 21, 2020, City of Santa Rosa Board of Public Utilities, by motion, approved the project and awarded Construction Contract No. C02285 in the amount of \$5,781,255.00 to the lowest responsive bidder, SAK Construction, LLC, of O'Fallon, Missouri, for Llano Trunk – West Third St., Brittain to Darla and Glenbrook Siphon Lining, approved a 10% contingency, and authorized a total contract amount of \$6,359,380.50.

ANALYSIS

A Request for Proposals for construction management and inspection services was released January 14, 2020, and four (4) proposals were received on February 7, 2020. A review panel consisting of a Quality Control Associate, an Associate Civil Engineer, and a Supervising Engineer evaluated the proposals. Upon completion of the evaluations, the review board conferred and made a recommendation to select PSOMAS, of Walnut Creek, CA.

PSOMAS demonstrated the best qualifications to manage the project scope of work and provided the most experienced construction management and inspection team for the project. PSOMAS also demonstrated expertise in their proposal by identifying a potential design issue that we were able to address before opening bids for the construction contract. The contract amount is not to exceed \$418,594.00 and is well within City staff estimates.

This contract provides construction management, inspection, administration services for the duration of the project. Construction completion is anticipated November 2020.

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 statutorily exempt from the California Environmental Quality Act (CEQA), pursuant to CEQA Guideline section 15282(k) and categorically exempt pursuant to CEQA Guideline section 15302(c) in that it involves the reconstruction of existing utility systems and/or facilities involving no expansion of capacity.

BOARD/COMMISSION/COMMITTEE REVIEW AND RECOMMENDATIONS

On June 3, 2020, the Contract Review Subcommittee met and recommended that the Board, by motion, approve the PSA.

ATTACHMENTS

- Attachment 1 – Professional Services Agreement (PSA)
- Attachment 2 – Location Map

CONTACT

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