

CITY OF SANTA ROSA
BOARD OF PUBLIC UTILITIES

TO: BOARD OF PUBLIC UTILITIES
FROM: TRACY DUENAS, SUPERVISING ENGINEER
CAPITAL PROJECTS ENGINEERING

SUBJECT: CONTRACT AWARD – LLANO TRUNK LINING – W COLLEGE
UTILITIES FACILITY

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. C02042 in the amount of \$2,275,963.00 to the lowest responsive bidder, SAK Construction, LLC, of O'Fallon, Missouri, for Llano Trunk Lining – W College Utilities Facility, approve a 10% contingency, and authorize a total contract amount of \$2,503,559.30.

EXECUTIVE SUMMARY

This motion will award a construction contract in the amount of \$2,275,963.00 to the lowest responsive bidder, SAK Construction, LLC, of O'Fallon, Missouri, approve a 10% contract contingency, and authorize a total contract amount of \$2,503,559.30, to Contract No. C02042, Llano Trunk Lining – W College Utilities Facility.

BACKGROUND

This Contract will provide for the rehabilitation of approximately 60 linear feet of 36-inch reinforced concrete pipe (RCP) trunk sewer main and approximately 1,000 linear feet of 48-inch RCP trunk sewer main by means of trenchless cured-in-place pipe (CIPP) lining technology. This project will also involve the rehabilitation of 6 existing sewer manholes via a corrosion resistant epoxy liner. Approximately 10.5 million gallons per day of sewage bypass pumping will be required to construct these improvements.

These improvements will strengthen the walls of the existing sewer trunk system, protect against future hydrogen sulfide deterioration and extend the sewer main's effective timeline. Based on the existing pipe condition and site constraints, rehabilitating this

section of existing trunk sewer system and associated manholes with the proposed method is necessary.

The project was originally advertised on April 17, 2019 as Contract No. C02042, 'Llano Trunk Lining – W College Utilities Facility and W 3rd Street'. The project was structured to occur in phases, with the W College Utilities Facility work considered as Phase I to be completed in 2019 and the W 3rd Street work considered as Phase II to be completed in 2020. During public advertisement of the Contract, staff reconsidered the cost and public impact of the Phase II bypass pumping work. Given the complexity of the pumping system and the magnitude of a potential redesign, removing the entire Phase II work from the Contract was deemed the most appropriate action and in the best interest of the City. On May 2, 2019 the project was publicly cancelled.

PRIOR BOARD OF PUBLIC UTILITIES REVIEW

Not applicable.

ANALYSIS

This project was advertised on May 6, 2019, and bids were received on May 21, 2019. A total of one (1) bid was received in the amount of \$2,275,963.00. The low bid was approximately 33.85% above the Engineer's Estimate of \$1,700,369.50.

The difference between the low bid and the engineer's estimate may be attributable to a busy bidding climate which has impacted the work schedules of potential contractors. Contractors may be at capacity and unable to pursue new work. Additionally, the Contract includes a condition assessment on a section of trunk main for suitability prior to lining; this is not typical. The proposed method of rehabilitation will not be confirmed until the assessment is completed. The failing existing lining is preventing the standard assessment of the pipe which increases the risk of potential failures. Proceeding with work this summer will eliminate the uncertainty of the unknown pipe condition and allow for the repair as specified in the contract.

This Contract has an anticipated construction start date of July 2019 and an end date of November 2019.

This Contract represents the original Phase I work, with Phase II work to be rescoped as a separate project to be complete in 2020.

The Public Participation Plan is required and has been approved by the Transportation and Public Works Marketing and Outreach Coordinator.

FISCAL IMPACT

Approval of this contract has no additional impact on the budget. Funds for this project

have been previously appropriated with the Capital Improvement Program budget.

ENVIRONMENTAL IMPACT

This action is statutorily exempt from the California Environmental Quality Act (CEQA), pursuant to CEQA Guideline sections 15282 (k) and 15302 (c) in that it involves the replacement or reconstruction of an existing utility system/facility involving negligible or no expansion of capacity.

BOARD/COMMISSION/COMMITTEE REVIEW AND RECOMMENDATIONS

Not applicable.

ATTACHMENTS

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

CONTACT

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