

CITY OF SANTA ROSA
BOARD OF PUBLIC UTILITIES

TO: BOARD OF PUBLIC UTILITIES
FROM: ANDREW WILT, ASSOCIATE CIVIL ENGINEER
CAPITAL PROJECTS ENGINEERING

SUBJECT: CONTRACT AWARD – NORTHERLY SLOPE PROTECTION
PONDS C & D AND POND B SLOPE REPAIR

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. C01909 in the amount of \$1,290,493.75 to the lowest responsive bidder, Granite Construction Company, of Watsonville, California, for Northerly Slope Protection Ponds C & D and Pond B Slope Repair, approve a 20% contingency, and authorize a total contract amount of \$1,548,592.50.

EXECUTIVE SUMMARY

This motion will award a construction contract in the amount of \$1,290,493.75 to the lowest responsive bidder, Granite Construction Company of Watsonville, California, approve a 20% contract contingency, and authorize a total contract amount of \$1,548,592.50, to Contract No. C01909, Northerly Slope Protection Ponds C & D and Pond B Slope Repair.

BACKGROUND

The Meadow Lane Effluent Storage Facilities are operated and maintained as part of the Subregional Reclamation System. The Meadow Lane Effluent Storage Pond Facility is comprised of four adjacent ponds designated as Pond A, Pond B, Pond C and Pond D. It was constructed in 1977 for the sole purpose of storing tertiary treated recycled water. Due to the storage capacity, the facility is under the jurisdiction of the State of California Division of Safety of Dams (DSOD).

This project consists of rehabilitating specific embankment sections associated with the Meadow Lane Effluent Storage Facilities Ponds B, C, and D. This contract will repair sections of the northern embankments of Ponds C and D, sections of the western and

eastern sides of the interior levee between Ponds C and D, and the western embankment of Pond B. The rehabilitation method for the northern embankments consists of trimming the embankment slopes to provide a uniform interior slope and the placement of slope protection (geotextile fabric and rock rip-rap). The method for repairing the remaining embankments includes the removal of existing failed embankment material and replacement with approved embankment material and the placement of slope protection.

In March 2019, slope failures were discovered on both sides of the divider levee between Ponds C and D. Given the recent discovery of this failure there was insufficient time to properly investigate and complete a traditional design to incorporate into this Contract. Given the unknown extent of the failure and the concern that the damage might spread due to future inclement weather, the Subregional staff desires to perform repairs this year. Therefore, the repair of the divider levee between Ponds C and D will be paid on force account not-to-exceed \$290,000. The work will be directed on-site by the Engineer.

The impact of having the ponds out of service can be mitigated and staff believes that customer impact will be negligible. Staff will be monitoring irrigation flows closely through the summer and will manage irrigation schedules as necessary to serve customers' needs.

PRIOR BOARD OF PUBLIC UTILITIES REVIEW

Not applicable.

ANALYSIS

This project was advertised on April 18, 2019, and bids were received on May 2, 2019. A total of six (6) bids were received, ranging from \$1,290,493.75 to \$1,907,925.00. The low bid was approximately 11.01% below the Engineer's Estimate of \$1,450,162.50.

Construction is anticipated to begin in July 2019 and be complete in October 2019.

The Public Participation Plan is not applicable.

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 15302, in that the project involves the repair, maintenance and minor alteration of an existing public facility involving no expansion of use.

BOARD/COMMISSION/COMMITTEE REVIEW AND RECOMMENDATIONS

On April 16, 2019, Transportation and Public Works and Water Department staff met with the Contract Review Subcommittee, reviewed the project background and unusual aspects of the proposed scope of work for the construction contract. The Contract Review Subcommittee approved moving forward with the proposed scope of work for the construction contract.

ATTACHMENTS

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

CONTACT

Andrew wilt, awilt@srcity.org , (707) 543-3878