

CITY OF SANTA ROSA
BOARD OF PUBLIC UTILITIES

TO: BOARD OF PUBLIC UTILITIES
FROM: SARA MATHEWS, ASSISTANT ENGINEER
CAPITAL PROJECTS ENGINEERING
SUBJECT: CONTINGENCY INCREASE - TERRA LINDA AND BUENA VISTA
SEWER AND WATER REPLACEMENT – PHASE 1

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 a 10% contingency increase of \$177,141.00 for Terra Linda and Buena Vista Drive Sewer and Water Replacement Project – Phase 1, for a total contract amount of \$2,220,853.15.

EXECUTIVE SUMMARY

This action will add contingency funds to the existing contract with Team Ghilotti, Inc. for the Terra Linda and Buena Vista Drive Sewer and Water Replacement Project – Phase 1 to pay for additional efforts required for utility trench stabilization and utility conflict resolution resulting from unforeseen conditions.

BACKGROUND

The Terra Linda Project is part of a replacement and upgrade for neighborhood sewer and water distribution mains. During the course of construction, the contractor encountered several unforeseen conditions that resulted in the need for multiple contract change orders (CCO). Staff is requesting the additional contingency amount to cover the cost of the CCOs and to replenish the contingency balance should additional unforeseen conditions be encountered during the remainder of construction.

PRIOR BOARD OF PUBLIC UTILITIES REVIEW

On April 7, 2022, the Board awarded Construction Contract No. C00327 in the amount of \$1,777,141.00 to Team Ghilotti, Inc., and approved a 15% contingency (\$266,571.15) for a total contract amount of \$2,043,712.15.

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On May 5, 2022, the Board of Public Utilities approved a Project Work Order with Green Valley Consulting Engineers to provide construction management and inspection services for the project.

ANALYSIS

This project was advertised on February 17, 2022, and bids were received on March 15, 2022. On April 7, 2022, the Board of Public Utilities awarded the construction contract to Team Ghilotti, Inc with a total authorized contract amount of \$2,212,104.00, including a 15% contingency.

Construction began in May 2022 and is estimated to be completed in December 2022.

Unforeseen conditions were encountered during construction which resulted in the need for CCOs, as follows:

- CCO1: Pea gravel used as trench backfill during the original construction of Terra Linda Drive caused the walls of the new sewer trench to fail resulting in the need for alternative backfill material and additional labor to be paid under force account for a total cost of \$163,337.13.
- CCO2: Similar to CCO1, trench walls for the new sewer laterals were failing due to their proximity to existing utility trenches where pea gravel was used as backfill. Alternative backfill material and additional labor was paid for as a lump sum with a total cost of \$89,107.96.
- CCO3: Unmarked PG&E gas service lines were struck by the contractor on two separate occasions. CCO3 compensates the contractor for the labor cost associated with stopping construction while PG&E repaired the gas mains. Total lump sum cost is \$22,366.13.
- CCO4: Similar to CCO1 & CCO2, the trench wall for the new water main was failing due to its proximity to existing utility trenches with pea gravel backfill. Alternative backfill material and additional labor paid for as a lump sum with a total cost of \$89,107.96.
 - Original contingency amount: \$266,571.15
 - CCO1: (\$163,337.13)
 - CCO2: (\$89,107.96)
 - CCO3: (\$22,366.13)
 - CCO4: (\$89,107.96)
 - Requested contingency increase: \$177,141.00
 - Remaining contingency: \$ 79,792.97

FISCAL IMPACT

Funds for this project were appropriated in the fiscal year 2021/22 Capital Improvement Program budget. The increase in contingency will bring the total contract amount to \$2,220,853.15. Additional funding will be made available through a mid-year revision.

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ENVIRONMENTAL IMPACT

This action is statutorily exempt from the California Environmental Quality Act (CEQA), pursuant to CEQA Guidelines Section 15282(k) in that the project consists of the installation of new pipeline and the removal of an existing pipeline as set forth in Section 21080.21 of the Public Resource Code.

BOARD/COMMISSION/COMMITTEE REVIEW AND RECOMMENDATIONS

N/A

ATTACHMENTS

- Attachment 1 – Location Map

CONTACT

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