

CITY OF SANTA ROSA
BOARD OF PUBLIC UTILITIES

TO: BOARD OF PUBLIC UTILITIES
FROM: LORI URBANEK, DEPUTY DIRECTOR
ENGINEERING SERVICES
SUBJECT: APPROVAL OF CHANGE-OF-SCOPE CONTRACT CHANGE
ORDER TO CONSTRUCTION CONTRACT NO. C02190
REHABILITATE MATANZAS SIPHONS
AGENDA ACTION: REPORT

RECOMMENDATION

It is recommended by the Transportation and Public Works Department and the Water Department that the Board, by motion, pursuant to Council Policy No. 100-07, approve a Change-of-Scope contract change order with SAK Construction, LLC (SAK) to Construction Contract No. C02190 to repair the 60-inch wastewater trunk line crossing under Llano Road and authorize the Assistant City Manager or the Deputy Director of Engineering Services in the Transportation and Public Works Department to execute the change order as necessary to complete the work in amount not to exceed the total authorized contract amount of \$3,966,925.00.

EXECUTIVE SUMMARY

The recent development of a sinkhole over an aging segment of the Llano trunk line requires an urgent repair. Contractor SAK recently completed the very same type of repair to the Matanzas Creek Siphon pursuant to Construction Contract No. C02190. City Council Policy No. 100-07 provides for Change-of-Scope change orders, which would allow SAK to immediately commence repair on this segment of the Llano trunk.

BACKGROUND

The Water Department Capital Improvement Program includes a prioritized plan for the rehabilitation and or replacement of the City's aging wastewater trunk network. Several segments of the system have been rehabilitated utilizing trenchless, cured in place-pipe (CIPP) lining technology, including most recently the segment of the Llano Trunk at the West College Facility and the Matanzas Creek Siphon. On February 19, 2020 a sinkhole was observed approximately 10 feet from the edge of the Llano Road directly over a 60-inch wastewater trunk line. The immediate concern was that a collapsed pipe created the sinkhole. A close circuit TV (CCTV) camera was deployed to inspect the pipeline under live flow conditions. The inspection, though not sufficient to reveal the cause of the sinkhole, did reveal severe corrosion throughout the pipe length, including corroded

reinforcement, visible holes in the pipe, and pipe gaskets hanging into the flow line at several locations. Based on this assessment, Local Operations and Engineering staff have determined that an emergency repair of this pipeline segment is necessary.

PRIOR BOARD OF PUBLIC UTILITIES REVIEW

On July 18, 2019 the Board of Public approved the project and awarded Construction Contract No. C02190 in the amount of \$3,449,500.00 to the lowest responsive bidder, SAK Construction, LLC, of O'Fallon, Missouri, to Rehabilitate Matanzas Siphons, approved a 15% contingency, thus authorizing a total contract amount of \$3,966,925.00.

ANALYSIS

The repair and rehabilitation of Matanzas Siphon is complete, and through implementation of a value engineering proposal from SAK during the project there are \$2,346,084.85 of authorized funds remaining in Contract C02190.

The estimated cost for the Change-of-Scope work is approximately \$900,000. There are sufficient funds available in the contract and construction will take approximately 4 weeks to complete.

Council Policy No. 100-07, Policies Section E, provides that the original award authority, in this case the Board of Public Utilities, may approve a change order for a change in scope to a public work contract if the Board determines the change order is justified and appropriate under the present circumstances.

While the exact condition of the pipeline segment is not known, the CCTV video showed significant deterioration and corrosion. Further, there is some failure that is contributing to the opening of a sinkhole in Llano Road and there is risk that this could quickly worsen. These factors indicate risk of larger failure is imminent and therefore the work must be performed as soon as possible.

FISCAL IMPACT

No fiscal impact, sufficient funds are available and authorized in Contract C02190.

ENVIRONMENTAL IMPACT

This action is exempt from the California Environmental Quality Act (CEQA) pursuant to CEQA Guideline sections 15282 (k) and 15302(c) in that the project consists of the repair or reconstruction of existing pipeline involving negligible or no expansion of capacity.

BOARD/COMMISSION/COMMITTEE REVIEW AND RECOMMENDATIONS

N/A

ATTACHMENTS

- Attachment 1 – Location Map
- Council Policy No. 100-07

CONTACT

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