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City Manager's Report
January 9, 2024, City Council Meeting
Prepared by: Melissa McConnell, Interim City Engineer
Item #: 7.6

Subject: Subject: Consider ratifying Contract Change Orders #1 and #2 with Doug Veerkamp General Engineering, Inc. in the total aggregate amount of \$27,383 and authorizing the City Engineer to execute and record a Notice of Completion for the Forni Road Storm Drain Repair Project (CIP #42345).

Recommendation: Adopt a Resolution:

1. Ratifying Contract Change Orders (CCOs) #1 and #2 in the total aggregate amount of \$27,383 with Doug Veerkamp General Engineering, Inc. (DVGE) for the Forni Road Storm Drain Repair Project (CIP #42345); and
2. Authorizing the City Engineer to execute a Notice of Completion (NOC) and instructing the City Clerk to record the NOC with the El Dorado County Recorder's Office for said Project.

Purpose: This item proposes to ratify two Contract Change Orders that were due to unforeseen additional work during construction, and to execute a Notice of Completion for the project.

Strategic Plan Strategy: Infrastructure – Update and Maintain City Owned Infrastructure.

Background: On March 21, 2023, Engineering staff was notified of a suspected sinkhole forming at 140 Forni Road near the entrance to Thompson's Toyota on the south side of Highway 50. It is believed that the sinkhole was a result of the 350-to-400-year storm impacts that spanned from December 30 to December 31, 2022, and the moderate and heavy waves of storms that followed. Upon discovery, the Public Works Department placed trench plates over the sagging pavement, and Engineering staff attempted to investigate the problem. It was discovered that the 16+ FT deep 48-inch corrugated metal storm drain pipe that connects at Forni Road and crosses US Highway 50 between Forni Road and Fair Lane was failing. The bottom of the pipe had deteriorated and heavy storm flows and ground water intrusion were believed to be undermining the pipe and creating voids.

Discussion: Following the discovery of the failing storm drain pipe, in accordance with Public Contract Code Section 22035(a) and 22050, which allows the City to forego traditional contracting procedures during emergency situations, the City contacted a trenchless pipeline contractor, Nor-Cal Pipeline Services (Nor-Cal), to determine if trenchless repair alternatives are a possibility since trenching a new 48-inch pipe across all lanes of Highway 50, Forni Road, and Fair Lane, would be very difficult, costly, and could take several months to complete under challenging traffic control. Fortunately, Nor-Cal determined that replacing the failing 48-inch pipe using a cast-in-place (CIPP) lining was feasible. After discussions with Caltrans, that portion of the work, since within Caltrans Right of Way, was entirely funded and handled by Caltrans through a separate contract.

Following the Caltrans work, DVGE performed the work within the City's right of way to repair the sinkhole, which included: replacing the top of the manhole, backfilling and compacting the area around the manhole, stabilizing and compacting the sinkhole, and pavement restoration.

As construction progressed, contract change orders were necessary to address differing site conditions. Below is a summary of the final CCOs to be ratified:

- Contract Change Order (CCO) #1 (\$10,531.00) – Once the roadway was excavated, unforeseen conditions were encountered that were not visible during the initial project scoping and resulted in additional excavation costs.
- Contract Change Order (CCO) #2 (\$16,852.00) – The re-striping of Forni Road was not included in the original cost estimate due to the unknown size of the work area. This change order includes the layout and installation of thermoplastic striping and markings on Forni Road.

Construction of the project concluded on October 16, 2023, and staff recommends issuance of a Notice of Completion.

Options:

1. Proceed with staff's recommendations.
2. Provide other direction to staff.

Environmental: This project is categorically exempt from environmental review pursuant to the California Environmental Quality Act (CEQA), Guideline Section 15269, which applies to projects to maintain, repair, restore, demolish or repair property or facilities damages or destroyed as a result of a disaster. It is believed the current and resultant damage occurred during the declared local, state, and federal state of emergency that occurred from December 26, 2022 to January 31, 2023. The City Manager declared a local state of emergency on December 31, 2022, which the City Council ratified on January 6, 2023.

Cost: The cost of the the proposed construction contract change orders with Doug Veerkamp General Engineering, Inc. (DVGE) is in the combined amount of \$27,383.

Budget Impact: At its meeting held on April 25, 2023, the City Council approved a \$120,000 budget appropriation for the Forni Road Storm Drain Repair project (CIP #42345).

To date, the project has encumbered the following costs:

Description	Amount
Doug Veerkamp General Engineering, Inc. (Original Contract)	85,000
DVGE Change Order No. 1 (Proposed)	10,531
DVGE Change Order No. 2 (Proposed)	16,852
Kronick, Moskovitz, Tiedemann & Girard	128
360 Pipeline Inspections, LLC	2,557
City Personnel	4,919
Total Cost	<u>\$ 119,987</u>

As you can see, the \$119,987 in project encumbrances, including the proposed change orders No. 1 and No. 2 with DVGE that total \$27,383, is within the \$120,000 project budget.



M. Cleve Morris, City Manager



Melissa McConnell, Interim City Engineer

Attachments:

Attachment A: Resolution

Attachment B: Project Exhibit