

City Manager's Report
July 9, 2019 City Council Meeting
Prepared by: Rebecca Neves, City Engineer
Item #: 12.3



Subject: Adopt a Resolution:

1. Ratifying Construction Contract Change Orders 17, 18, 22, 24, 26, 28, 29, and 30 and approving Contract Change Orders 36 and 37 in the total combined amount of \$472,256.09 with Doug Veerkamp General Engineering, Inc. for the Western Placerville Interchanges Phase 2 Project (CIP #41828) and authorizing the City Manager to execute the same; and
2. Approving a \$287,968 budget appropriation in FHWA California Earmark Repurposing revenue for the said project.

Purpose: This project will improve traffic operations and safety by constructing a new eastbound US Highway 50 off-ramp at Ray Lawyer Drive, a 150 space park-and-ride lot, pedestrian and bicycle facilities to close gaps on Forni Road, and roadway improvements to Forni Road and Ray Lawyer Drive, including a new signalized intersection.

Background: At its regularly scheduled meeting on January 9, 2018, City Council approved the construction contract with Doug Veerkamp General Engineering, Inc. (DVGE) for the Western Placerville Interchanges Phase 2 (WPI2) project. At that same time, City Council authorized the City Manager to negotiate and execute any necessary Contract Change Orders (CCO) for the project up to \$25,000 per change order for a not to exceed aggregate amount of \$200,000. At its regularly scheduled meeting on May 8, 2018, City Council ratified Contract Change Orders Nos. 1, 2, and 3 in the total aggregate amount of \$46,000 with DVGE. At its regularly scheduled meeting on January 22, 2019, City Council ratified CCOs 5 through 16, 20, 21, 25 and approved CCO 27 in the total combined *credited* amount of \$53,410.04, reducing the contract value to \$9,057,446.

Discussion: Below is a summary and current status of CCOs No. 17, 18, 22, 24, 26, 28 through 30, 36, and 37 :

- CCO No. 17 – Underground Modifications (\$10,000.00): Modification of horizontal and vertical alignment of utilities to avoid conflicts with other utilities, paid at force account.
- CCO No. 18 – EID Water Modifications – Stage 1 (\$24,976.00): Modifications of alignment and placement with slurry to avoid conflicts with existing/proposed utilities and to meet state health and safety requirements.
- CCO No. 22 – Hardscape Modifications (\$7,211.63): Additional curb as needed to protect landscaping and lighting at the Transit park and ride lot.
- CCO No. 24 – Fiber Optic Line Installation – Stage 2 (\$9,795.00): Additional out of sequence work that allowed the intersection of Ray Lawyer Drive and Forni Road to remain open through the wet season.

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- CCO No. 26 – Comcast Trench Repairs (\$1,281.66): Recomaction to secure inadequate effort from Comcast’s subcontractor, SEFNCO. This work was completed at force account and will be billed to Comcast at a later date.
- CCO No. 28 – Restaking Park & Ride Lot (\$6,025.25): Multiple design revisions to the park and ride grades occurred during construction, resulting in the need for additional construction staking of the revised plans.
- CCO No. 29 – Additional Conduit AT&T/Radio Credit (\$0.00): Additional conduit was placed to support the County Jail’s existing wireless bridge, resulting in a credit and no longer the need for use of radios as an interim back up during construction.
- CCO No. 30 – Additional Revisions to SWPPP (\$24,900.00): Due to the excessively wet weather this past winter, additional labor and materials were needed for the maintenance of temporary soil stabilization measure to maintain compliance with the Construction General Permit.
- CCO No. 36 – Stage 2 Waterline Tie-In Modifications (\$38,066.55): This work allowed the water system to maintain continuous domestic and fire flows to the County Jail during Stage 2 water line construction and tie in a temporary bypass as required.
- CCO No. 37 – Additional Overlay at Project Detour Routes (\$350,000.00): Repair of deteriorated pavement on City roadways impacted with increased detour traffic resulting from stage construction. Remaining portions of Ray Lawyer Drive and Fair Lane from the County Sheriff’s building to the intersection of Ray Lawyer Drive will be repaved to address the detour impacts. Commencement of this work is anticipated end of July or early August.

Change orders 4, 19, 23, and 31 through 35 are still in draft form and will be brought back to City Council at a later date for ratification or approval.

Cost: The cost of the proposed change orders Nos. 17, 18, 22, 24, 26, 28, 29, 30, 36, and 37 with DVGE results in a contract increase of \$472,256.09.

Budget Impact: At its meeting held on October 24, 2017, the City Council appropriated \$11,652,620 for the Western Placerville Interchange, Phase 2 project (CIP #41828). During the project planning phase, the City was notified by the El Dorado County Transportation Commission that there was an opportunity to secure FHWA California Earmark Repurposing revenue for the project in the amount of \$287,968. These funds can be used at the City’s discretion as additional project contingency, but are required to be used specifically for this project. Staff is recommending an additional \$287,968 budget appropriation in FHWA California Earmark Repurposing revenue for the additional paving work along Fair Lane and Ray Lawyer Drive for a total project budget of \$11,940,588.

Below are the current and proposed project revenue and expenditure budgets:

Funding Source	Adopted Revenue Budget	Proposed Revenue Budget	Increase/ (Decrease)
State Transportation Improvement Program (STIP/RIP)	\$ 5,542,000	\$ 5,542,000	\$ -
State Highway Operation and Protection Program (SHOPP) Minor	470,000	470,000	-
Urban State Transportation Block Grant Program (STBGP)	272,000	272,000	-
Public Transportation Modernization Improvement, and Service Enhancement Account Program (PTMISEA-EDCTA)	1,430,620	1,430,620	-
Congestion Mitigation Air Quality (CMAQ)	1,666,000	1,666,000	-
Congestion Mitigation Air Quality (CMAQ-EDCTA)	1,100,000	1,100,000	-
State Transit Assistance Funds (EDCTA)	335,000	335,000	-
El Dorado Irrigation District (EID)	837,000	837,000	-
FHWA California Earmark Repurposing (Proposed)	-	287,968	287,968
Total	\$ 11,652,620	\$ 11,940,588	\$ 287,968

Description	Adopted Expenditure Budget	Proposed Expenditure Budget	Increase/ (Decrease)
Construction	\$ 9,064,856	\$ 9,352,824	\$ 287,968
Construction Management	1,225,727	1,225,727	-
COZEEP Agreement	36,000	36,000	-
Construction Engineering	192,878	192,878	-
City Staff Time	200,000	200,000	-
Contingency	933,159	933,159	-
Total	\$ 11,652,620	\$ 11,940,588	\$ 287,968

The project encumbrances to date are summarized below:

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Doug Veerkamp General Engineering, Inc. (Original Contract)	\$ 9,064,856
Doug Veerkamp General Engineering, Inc. (Change Order No. 1)	20,000
Doug Veerkamp General Engineering, Inc. (Change Order No. 2)	20,000
Doug Veerkamp General Engineering, Inc. (Change Order No. 3)	6,000
Doug Veerkamp General Engineering, Inc. (Change Order No. 5)	-
Doug Veerkamp General Engineering, Inc. (Change Order No. 6)	2,020
Doug Veerkamp General Engineering, Inc. (Change Order No. 7)	6,400
Doug Veerkamp General Engineering, Inc. (Change Order No. 8)	1,000
Doug Veerkamp General Engineering, Inc. (Change Order No. 9)	1,500
Doug Veerkamp General Engineering, Inc. (Change Order No. 10)	(3,556)
Doug Veerkamp General Engineering, Inc. (Change Order No. 11)	10,000
Doug Veerkamp General Engineering, Inc. (Change Order No. 12)	20,000
Doug Veerkamp General Engineering, Inc. (Change Order No. 13)	824
Doug Veerkamp General Engineering, Inc. (Change Order No. 14)	24,800
Doug Veerkamp General Engineering, Inc. (Change Order No. 15)	4,058
Doug Veerkamp General Engineering, Inc. (Change Order No. 16)	10,000
Doug Veerkamp General Engineering, Inc. (Proposed Change Order No. 17)	10,000
Doug Veerkamp General Engineering, Inc. (Proposed Change Order No. 18)	24,976
Doug Veerkamp General Engineering, Inc. (Change Order No. 20)	1,291
Doug Veerkamp General Engineering, Inc. (Change Order No. 21)	(185,524)
Doug Veerkamp General Engineering, Inc. (Proposed Change Order No. 22)	7,212
Doug Veerkamp General Engineering, Inc. (Proposed Change Order No. 24)	9,795
Doug Veerkamp General Engineering, Inc. (Change Order No. 25)	16,784
Doug Veerkamp General Engineering, Inc. (Proposed Change Order No. 26)	1,282
Doug Veerkamp General Engineering, Inc. (Change Order No. 27)	36,993
Doug Veerkamp General Engineering, Inc. (Proposed Change Order No. 28)	6,025
Doug Veerkamp General Engineering, Inc. (Proposed Change Order No. 29)	-
Doug Veerkamp General Engineering, Inc. (Proposed Change Order No. 30)	24,900
Doug Veerkamp General Engineering, Inc. (Proposed Change Order No. 36)	38,067
Doug Veerkamp General Engineering, Inc. (Proposed Change Order No. 37)	350,000
Drake Haglan and Associates (Original Agreement)	1,225,727
AT&T	15,356
CHP COZEEP (Original Agreement)	36,000
Dokken Engineering (Authorization #9)	192,878
John Driscoll, City Attorney	523
Mountain Democrat	186
Placer Title Company	1,038
PG&E	178,077
State Water Resources Control Board	3,866
City Staff Time	32,006
Total	<u><u>\$ 11,215,359</u></u>

As you can see, the \$11,215,359 in project encumbrances, including the proposed \$472,256.09 in construction contract change orders with DVGE, is within the proposed \$11,940,588 project budget.

Options:

1. Approve as recommended by staff.
2. Direct staff to negotiate different terms with DVGE.

Recommendation:

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2. Approving a \$287,968 budget appropriation in FHWA California Earmark Repurposing revenue for the said project.



M. Cleve Morris, City Manager



Rebecca Neves, City Engineer

Attachments:

- A. Resolution
- B. Exhibit: CCO No. 37 Paving Limits