

"Placerville, a Unique Historical Past Forging into a Golden Future"



City Manager's Report
March 26, 2019 City Council Meeting
Prepared by: A. Cory Schiestel, Associate Civil Engineer

Item #: 12.4

Subject: Adopt a Resolution:

1. Approving Contract Change Order (CCO) No. 1 in the amount of \$0.00 and CCO No. 2 in the total not-to-exceed amount of \$92,291 with Syblon Reid Construction, Inc. (Syblon Reid) for the Sewer Lift Station Rehabilitation, Phase II project (CIP #40330); and
2. Approving a \$81,203.05 budget liquidation in Measure H funds from the Cedar Ravine Road Pressure Regulating Station (CIP #41405); and
3. Approving a \$73,415 budget appropriation from the Measure H Fund for the Sewer Lift Station Rehabilitation Project, Phase II project (CIP #40330).

Purpose: To rehabilitate the Madrone and Giovanni Lift Stations which have deteriorated beyond repair and are in need of replacement to all major components.

Background:

The Madrone and Giovanni Sewer Lift Stations were built in the 1970's and have surpassed their useful service life. Rehabilitation of the lift stations was first approved as a CIP project in the Fiscal Year 2002-03 Budget. At its meeting held on December 9, 2014, the City Council approved a consulting services agreement with Domenichelli and Associates for the design services and production of a complete bid package for the Madrone and Giovanni Lift Stations along with a Right-of-Way contract with Mr. Terrence Barber for a Public Utility Access Road and Sewer Easement for access to the Giovanni Lift Station. Project design progressed and on October 27, 2015, the City Council authorized staff to release the contract documents for public bidding. The project was released for public bid on August 25, 2017 and bids were opened on October 26, 2017. On February 13, 2018, the construction contract was awarded to Syblon Reid for \$1,039,500 and a consulting services agreement with REY Engineers, Inc. in the amount of \$124,262.

Discussion:

Project construction is currently underway. Since the award of the construction contract, the project has necessitated two contract change orders which are summarized below:

CCO No. 1 – Administrative Revision to Working Days and Start of Construction (\$0.00)

In the initial administrative set up of the construction contract, a discrepancy between the definitions of the working days and start of construction was identified and addressed through an administrative no-cost change order on the project.

CCO No. 2 – Site Redesign and Electrical Revisions (\$92,291)

During sub-surface investigation, the contractor discovered that site conditions differ from the project plans and facility maps at both sewer lift station locations. Existing sewer main and sewer

service alignments are not in the locations that were anticipated and shown in the bid documents. As a result, the Engineering Department directed the design consultant (Domenichelli and Associates) to expedite a redesign of the project layout with respect to actual field conditions. At the Giovanni station, the redesign required the installation of a temporary construction sewer bypass system, additional drainage improvements, and the installation of one additional manhole. At the Madrone station two additional manholes are needed, and substantial electrical modifications to the original design are required at both sites.

The previously awarded construction contract to Syblon Reid is \$1,039,500. With the approval of this CCO, the revised value of the contract increases to \$1,131,791 which is an increase of 8.9% to the contract and within a normal 10% project contingency. However, for this project, due to funding constraints, only approximately 2% was allocated for contingency at the time of contract award. Therefore additional budget appropriation is necessary.

Cost:

The total estimated cost for all of the additional improvements associated CCOs No. 1 and 2 with Syblon Reid, Inc. is \$92,291.

Budget Impact:

The City Council adopted the Fiscal Year 2002/2003 Capital Improvement Program Budget which appropriated \$75,000 for the Sewer Lift Station Rehabilitation, Phase II project (CIP #40330). At its meeting held on November 13, 2012, the City Council appropriated an additional \$10,024. At its meeting held on December 9, 2014, the City Council appropriated an additional \$76,578. The City Council approved an additional \$1,222,101 in additional budget appropriations at its meeting held on February 13, 2018.

At its meeting held on March 8, 2018, the Measures H/L Sale Tax Committee recommended a \$81,203.05 budget liquidation from the Measure H Fund for the Cedar Ravine Pressure Regulating Station project (CIP #41405) and a \$73,415 Measure H Fund budget appropriation for the Sewer Lift Station Rehabilitation, Phase II project (CIP #40330). Accordingly, staff is recommending an additional Measure H Fund budget appropriation of \$73,415 to fulfill the necessary contingency to support the project construction, resulting in a total revenue budget of \$1,457,118 as shown below:

Measure H Fund	\$ 960,358
Measure L Fund	163,057
Sewer Enterprise Fund	333,703
Total revenues	\$ 1,457,118

The current and proposed project budgets are as follows:

Description	Revised Project Budget	Proposed Project Budget	Increase/ (Decrease)
Design	\$ 121,906	\$ 121,906	\$ -
Right of Way	4,500	4,500	-
Permit Fees/Compliance	2,000	2,000	-
Construction	1,039,500	1,131,791	92,291
Construction Management	124,262	124,262	-
Construction Engineering	24,950	24,950	-
Engineering Staff Time	40,000	40,000	-
Contingency	26,585	7,709	(18,876)
Total	\$ 1,383,703	\$ 1,457,118	\$ 73,415

To date the project has encumbered the following items:

Syblon Reid Construction, Inc. (Original Contract)	\$1,039,500
Syblon Reid Construction, Inc. (Proposed Change Order No. 1)	-
Syblon Reid Construction, Inc. (Proposed Change Order No. 2)	92,291
B&B Locating	1,600
BT Consulting (Original Agreement)	18,550
BT Consulting (amendment No. 1)	2,300
BT Consulting (amendment No. 2)	4,250
BT Consulting (amendment No. 3)	10,321
Carnihan Electric	867
Counihan Consulting Engineering	736
Domenichelli And Associates (Original Agreement)	46,882
Domenichelli And Associates (Task Order No. 1)	3,000
Domenichelli And Associates (Amendment No. 1)	24,950
El Dorado County Environmental Management	590
Macintosh Engineering	36,000
Mountain Democrat	350
REY Construction Management Services	124,262
Terrance Barber	1,500
Engineering Staff	49,075
Total	<u>\$1,457,024</u>

As you can see, the \$1,457,024 in project encumbrances, including \$92,291 for construction CCO No. 2 with Syblon Reid, Inc., is within the proposed \$1,457,118 project budget.

Options:

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

Recommendation:

Adopt a Resolution:

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2. Approving a \$81,203.05 budget liquidation in Measure H funds from the Cedar Ravine Road Pressure Regulating Station project (CIP #41405); and
3. Approving a \$73,415 budget appropriation from the Measure H Fund for the Sewer Lift Station Rehabilitation, Phase II project (CIP #40330).



Rebecca Neves, City Engineer



M. Cleve Morris, City Manager

Attachment:

1. Resolution
2. Project Location Exhibit