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City Manager's Report
December 12, 2023, City Council Meeting
Prepared by: Melissa McConnell, Interim City Engineer
Item #: 7.11

Subject: Consider approving Amendment No. 5 to the Consulting Services Agreement with Dewberry Engineers Inc. in the amount of \$3,942.63 and issuance of Notice to Proceed #5 in the amount of \$3,942.63 for the Placerville Drive at Hangtown Creek Bridge Replacement Project (CIP #41410) and authorizing the City Manager to execute the same; and approving a \$25,000 budget appropriation from the Measure L Fund Construction Reserve for the said project.

Recommendation: Adopt a Resolution:

1. Approving Amendment No. 5 to the Consulting Services Agreement with Dewberry Engineers Inc. in the amount of \$3,942.63 and issuance of Notice to Proceed #5 in the amount of \$3,942.63 for the Placerville Drive at Hangtown Creek Bridge Replacement Project (CIP #41410) and authorizing the City Manager to execute the same; and
2. Approving a budget appropriation in the amount of \$25,000 from the Measure L Fund Construction Reserve for the said project.

Purpose: The purpose of this item is to approve an amendment and the budget appropriation needed for the engineering consultant to perform a storm drain condition assessment and provide recommendations.

Strategic Plan Strategy: Strategy 4 - Update and Maintain City-Owned Infrastructure

Background: The Placerville Drive at Hangtown Creek Bridge Replacement Project involves replacement of the existing functionally obsolete two-lane bridge over Hangtown Creek, 0.3 miles west of Cold Springs Road. The City has been working to replace this bridge since initially approved as a federal Highway Bridge Program (HBP) project and authorized in 1997. The project ran into several design challenges that caused the preliminary engineering (PE) phase to extend beyond the 10 years typically allowed for federal funding, with extension requests approved in 2007 and 2009. Staff worked with Caltrans Local Assistance and in February 2012, Caltrans and FHWA agreed that the best approach was to close the original HBP project and re-open a new project that included a four-lane bridge, striped median, shoulders, and sidewalk. FHWA issued an E-76 authorizing preliminary engineering funding in the total amount of \$641,750 on May 8, 2013. A design engineering services contract was awarded to Quincy Engineering in 2013. Before completing the preliminary engineering phase, progress on the project slowed and then stopped in 2015. Quincy Engineering's contract expired on June 30, 2016.

In 2017, the concept of the Placerville Drive Bicycle and Pedestrian Facility Improvement Project (CIP #41816) was developed. The Placerville Drive Bicycle and Pedestrian Facilities project will provide safe and accessible bicycle and pedestrian facilities and improve multi-modal connectivity on

Placerville Drive between Armory Road and the US Highway 50 undercrossing, this area includes the location of the existing and future Placerville Drive Bridge.

On July 10, 2018, the City Council approved a Consulting Services Agreement for both projects with Dewberry Engineers, Inc. (Dewberry), formerly Drake Haglan & Associates. As the initial project scope developed and environmental studies were underway, updated future traffic volumes and an updated traffic analysis indicated that a four-lane bridge was not necessary on Placerville Drive. The City submitted a scope change/programming change to HBP in 2019 for a two-lane bridge replacement, including a center turn-lane, bike lanes, and sidewalk on both sides of the street. The scope change included an updated project cost estimate not only for the change from a four-lane to a two-lane bridge, but also accounted for the rising costs of construction since the cost estimate was last approved in 2012. The HBP Managers approved the scope change and project cost on February 19, 2021. The project is fully-programmed through construction with a total estimated project cost of \$10,423,800.

Consulting Services Agreement: On July 10, 2018, the City Council approved a Consulting Services Agreement with Dewberry Engineers Inc., for both projects in a combined total amount not to exceed \$2,108,998.29. The contract includes environmental and engineering design services for the Placerville Drive Bicycle and Pedestrian Facilities Project (CIP #41816) in the amount of \$1,266,429.75, and the Placerville Drive at Hangtown Creek Bridge Replacement Project (CIP #41410) in the amount of \$842,568.54.

At that same time, City Council approved Notice to Proceed (NTP) #1 in the amount of \$451,154 for the Placerville Drive at Hangtown Creek Bridge Replacement Project (CIP #41410), which authorized only the Project Approval/Environmental Documentation (PA/ED) phase of their scope of work. On April 23, 2019, the City Council approved Amendment No. 1/NTP #2 to transfer budget from final design and right of way to the preliminary engineering phase in the total amount of \$15,280. Amendment No. 2 to the overall contract was approved by the City Council on February 11, 2020, but only affected the budget of CIP #41816. Amendment No. 3 was executed in 2022 and extended the contract term. On January 10, 2023, the City Council approved Amendment No. 4 in the total amount of \$307,814.91 for additional preliminary engineering, final design and right of way tasks beyond the original scope of work. At that same time, the City Council approved issuance NTP #3 for only the preliminary engineering tasks included in Amendment No. 4. Staff received federal authorization of the final design and right of way funds from the Highway Bridge Program on February 21, 2023, and subsequently, the City Council approved NTP #4 on March 14, 2023 authorizing all remaining final design and right of way engineering tasks through Amendment No. 4.

Discussion: As a result of recent winter storms, storm drain damage has occurred within the Placerville Drive corridor. In light of these events, staff desires to perform a condition assessment of all existing storm drain pipes within the Placerville Drive project limits to ensure that the City's drainage system is sufficient to withstand future storm events. Following the condition assessment, the consultant will provide recommendations to address any identified concerns.

In addition to the consultant's storm drain condition assessment, staff will be performing additional work to map the City's drainage system in GIS.

Amendment No. 5 includes the proposed revisions to their agreement for the Placerville Drive at Hangtown Creek Bridge Replacement Project (CIP #41410):

Phase	Revised Agreement	Proposed Revisions	Increase/ (Decrease)
Preliminary Engineering and Environmental Documentation (PA/ED) Phase	\$ 487,283	\$ 487,283	\$ -
Preliminary Engineering (Plans Specifications and Estimate (PS&E) Phase	564,171	568,114	3,943
Right-of-Way Phase	98,930	98,930	-
Total	\$ 1,150,384	\$ 1,154,327	\$ 3,943

Tonight, staff is recommending the approval of Amendment No. 5 in the amount of \$3,942.63 and issuance of NTP #5 in the amount of \$3,942.63 for the additional storm drain condition assessment.

Options:

1. Approve Amendment No. 5/NTP #5 with Dewberry Engineers Inc. and the budget appropriation, as recommended by staff.
2. Provide other direction to staff.

Environmental: On November 9, 2022, the City Council adopted a Mitigated Negative Declaration and Mitigation Monitoring and Reporting Program prepared for this project pursuant to the provisions of the California Environmental Quality Act (CEQA) finding that there is no substantial evidence that the proposed project will have a significant effect on the environment

Cost: The cost of the proposed Amendment #5/NTP #5 with Dewberry Engineers Inc. is a not-to-exceed amount of \$3,942.63.

Budget Impact: At its meeting held on July 9, 2013, the City Council approved \$641,750 in budget appropriations for the Placerville Drive at Hangtown Creek Bridge Replacement Project (CIP #41410). At its meeting held on January 10, 2023, the City Council approved an additional \$100,000 budget appropriation for the said project. On March 14, 2023, the City Council approved an additional \$619,931 budget appropriation from the Highway Bridge Program, bringing the total project budget to \$1,361,681. Tonight, staff is respectfully requesting approval of a \$25,000 budget appropriation from the Measure L fund Construction Reserve for a total project budget of \$1,386,681.

To date, the project has encumbered the following costs:

Dewberry Engineers, Inc. (Notice to Proceed No. 1)	\$ 451,154
Dewberry Engineers, Inc. (Notice to Proceed No. 2)	15,280
Dewberry Engineers, Inc. (Notice to Proceed No. 3)	20,849
Dewberry Engineers, Inc. (Notice to Proceed No. 4)	663,101
Dewberry Engineers, Inc. (Proposed Notice to Proceed No. 5)	3,943
El Dorado County Recorder-Clerk	2,601
Mountain Democrat	259
Omni Means	1,395
Quincy Engineering (Original Agreement)	75,271
Engineering Staff	87,609
Total	\$ 1,321,462

As you can see, the \$1,321,462 in total encumbrances, including the proposed \$3,942.63 NTP #5 with Dewberry Engineers, Inc., is within the \$1,386,681 proposed project budget.



M. Cleve Morris, City Manager



Melissa McConnell, Interim City Engineer

Attachments:

Attachment A: Resolution

Attachment B: Project Exhibit