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City Manager's Report

March 14, 2023, City Council Meeting

Prepared by: Melissa McConnell, Associate Civil Engineer

Item #: 12.7

Subject: Adopt a resolution:

1. Approving a \$619,931 budget appropriation from the Highway Bridge Program for the Placerville Drive at Hangtown Creek Bridge Replacement project (CIP #41410); and
2. Authorizing staff to issue Notice to Proceed No. 4 in the amount of \$663,100.93 with Dewberry Engineers, Inc. for the said project.

Purpose: The purpose of this item is to approve a budget appropriation and authorize a Notice to Proceed with Dewberry Engineers, Inc. which will enable the consultant to begin the final design and right-of-way phases of the project.

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, 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

12.7

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.

Discussion: 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.

Tonight, Staff is respectfully recommending City Council approval of NTP #4 with Dewberry in the amount of \$663,100.93 which would authorize all remaining final design and right of way engineering tasks within the original agreement and Amendment No. 4.

Phase	Revised Agreement
Preliminary Engineering and Environmental Documentation (PA/ED) Phase	\$ 487,283
Preliminary Engineering (Plans Specifications and Estimate (PS&E) Phase	564,171
Right-of-Way Phase	98,930
Total	\$ 1,150,384

The proposed Notice to Proceed #4 includes \$564,170.40 for the PS&E phase and \$98,930.53 for the Right-of-Way Phase, as shown in the above table.

Options:

1. Approve the budget appropriations and NTP #4 with Dewberry Engineers, Inc. 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 NTP #4 with Dewberry Engineers Inc. is a not-to-exceed amount of \$663,100.93.

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. Tonight, staff recommends approval of an additional \$619,931 budget appropriation from the Highway Bridge Program, bringing the total proposed project budget to \$1,361,681.


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. (Proposed Notice to Proceed No. 4)	663,101
El Dorado County Recorder-Clerk	2,601
Mountain Democrat	259
Omni Means	1,395
Quincy Engineering (Original Agreement)	75,271
Engineering Staff	80,484
Total	<u>\$ 1,310,394</u>


As you can see, the \$1,310,394 in total encumbrances, including the proposed \$663,100.93 NTP #4 with Dewberry Engineers, Inc., is within the \$1,361,681 proposed project budget.

Recommendation: Adopt a resolution:

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2. Authorizing staff to issue Notice to Proceed No. 4 in the amount of \$663,100.93 with Dewberry Engineers, Inc. for the said project.



 M. Cleve Morris, City Manager



 Rebecca Neves, City Engineer

Attachments:

- Attachment A: Resolution
- Attachment B: Project Exhibit