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City Manager's Report
June 25, 2024 City Council Meeting
Prepared by: Melissa McConnell, City Engineer
Item #: 7.7

Subject: Consider approving Amendment No. 6 and Notice to Proceed No. 6 to the Consulting Services Agreement with Dewberry Engineers Inc., an Agreement with El Dorado Irrigation District for water line relocation design services, and a budget appropriation all in the amount of \$125,048 for the Placerville Drive at Hangtown Creek Bridge Replacement project (CIP #41410).

Recommendation: Adopt a Resolution:

1. Approving Amendment No. 6 to the Consulting Services Agreement with Dewberry Engineers, Inc. in the amount of \$125,048.29 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 Design and Construction Responsibility and Reimbursement Agreement with El Dorado Irrigation District in the amount of \$125,048.29 for the design services for the said project, and authorizing the City Manager to execute the same; and
3. Approving a \$125,048 budget appropriation associated with the said agreement with the El Dorado Irrigation District; and
4. Authorizing staff to issue Notice to Proceed No. 6 in the amount of \$125,048.29 with Dewberry Engineers, Inc. for the said project

Purpose: The purpose of this item is to approve Amendment No. 6 with Dewberry Engineers, Inc. and approve an Agreement with El Dorado Irrigation District (EID) for the water line relocation design services.

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 Facilities 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.

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. On December 12, 2023, the City Council approved Amendment No. 5 in the amount of \$3,942.63 and issuance of NTP #5 in the amount of \$3,942.63.

Discussion: A 10" EID water line currently exists on Placerville Drive and will be in conflict with the proposed improvements for the Placerville Drive at Hangtown Creek Bridge Replacement Project. Throughout the preliminary engineering phase, EID had originally planned to perform the water relocation design in-house by EID staff. However, due to current workload, EID staff has decided that it would be better for the City's consultant to perform the water relocation design services.

The proposed Design and Construction Responsibility and Reimbursement Agreement outlines the description of work, liability designation to EID, and City efforts of contract management. Once this agreement is approved, design of the EID facilities can commence by the City's consultant and would be reimbursed by EID as designated in the attached agreement. The proposed Design and Construction Responsibility and Reimbursement Agreement is being approved by EID's Board on June 24, 2024.

Dewberry prepared a scope of work and fee estimate for the EID work in the amount of \$125,048.29. The project scope of work includes approximately 365 linear feet of 10" water line located within franchise public right of way within the existing alignment of Placerville Drive. The existing water line will be abandoned in place and the installation of new 10" water line will be constructed on the south side of the new bridge and new retaining wall.

After the final design phase is complete, the Design and Construction Responsibility and Reimbursement Agreement with EID will be amended once the cost of construction and construction engineering services are known. EID will then be responsible for payment of those construction-related costs.

Amendment No. 6 to the Agreement with Dewberry includes the proposed revisions to their agreement for the Placerville Drive at Hangtown Creek Bridge Replacement Project (CIP #41410):

Phase	Revised Agreement	Agreement With Proposed Amendment No. 6	Increase/ (Decrease)
Preliminary Engineering and Environmental Documentation (PA/ED) Phase	\$ 487,283	\$ 487,283	\$ -
Preliminary Engineering (Plans Specifications and Estimate (PS&E) Phase	568,114	693,162	125,048
Right-of-Way Phase	98,930	98,930	-
Total	\$ 1,154,327	\$ 1,279,375	\$ 125,048

Staff is also recommending the approval of NTP #6 which will authorize the additional waterline relocation design services in the amount of \$125,048.29.

Options:

1. Approve Amendment No. 6 and NTP #6 with Dewberry Engineers, Inc. and the Design, Construction Responsibility and Reimbursement Agreement with EID, 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 for work being approved at this time is a not-to-exceed amount of \$125,048.29 for Amendment No. 6 and Notice to Proceed No. 6 with Dewberry Engineers Inc.

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. On December 12, 2023, the City Council approved an additional \$25,000 budget appropriation for a total project budget of \$1,386,681. Tonight, staff is respectfully requesting an additional \$125,048 budget appropriation from EID for a total project budget of \$1,551,729.

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. (Notice to Proceed No. 5)	3,943
Dewberry Engineers, Inc. (Proposed Notice to Proceed No. 6)	125,048
El Dorado County Recorder-Clerk	2,548
Mountain Democrat	259
Omni Means	1,395
Quincy Engineering (Original Agreement)	75,271
Engineering Staff	89,784
Total	<u><u>\$ 1,448,632</u></u>

As you can see, the \$1,448,632 in total encumbrances, including the proposed \$125,048.29 NTP #6 with Dewberry Engineers, Inc., is within the proposed \$1,551,729 project budget.



M. Cleve Morris, City Manager



Melissa McConnell, City Engineer

Attachments:

Attachment A: Resolution

Attachment B: Agreement with EID