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City Manager's Report
August 22, 2023, City Council Meeting
Prepared by: Melissa McConnell, Senior Civil Engineer
Item #: 7.6

Subject: Consider appropriating funds for the Clay Street Bridge Replacement Project (CIP #40617) and authorizing issuance of Notice to Proceed #6 to Dewberry Engineers Inc. for the said project.

Recommendation: Adopt a Resolution:

1. Approving a \$529,906 budget appropriation in Highway Bridge Program funds for the Clay Street Bridge Replacement Project (CIP #40617); and
2. Authorizing issuance of Notice to Proceed #6 to Dewberry Engineers Inc. in the amount of \$503,126.77 for environmental and preliminary engineering tasks for the said project and authorize the Engineering Department to execute the same.

Purpose: Requesting additional budget appropriation as authorized by the Highway Bridge Program to continue environmental studies and services under the previously approved Amendment #5.

Strategic Plan Strategy: Infrastructure – Update and Maintain City Owned Infrastructure.

Background: The Clay Street Bridge Replacement and Realignment project has been recognized as a need for the City for nearly 60 years and first memorialized and adopted into planning documents dating back to 1974 in the Master Street Plan and Improvement Program (adopted by City Council in January of 1975). The project, originally identified “Project No. 9 – Clay Street” in the Master Street Plan, identified Clay Street as a collector and acknowledged need to provide better north to south connecting roads to the north residential area by realigning Clay Street, bifurcating the Ivy Lot parking lot, widening Clay Street to 40 feet, and construction of a new 2-lane bridge over the creek that ultimately intersects at Main Street and Cedar Ravine. Since that time, City documents consistently recommend and advocate this much needed project to improve connectivity, emergency access, and safety to all road users. In September of 2006, the City received approval for the project to be included into the Highway Bridge Program (HBP) for replacement based on the Bridge Inspection Report (BIR), which notes the structural integrity and functionality of the bridge. Since that time, subsequent BIRs have indicated a steady decline in the bridge’s functionality and structural integrity. Recently, a special inspection identified that the material backfill in this earthen filled arch style bridge is moist, decomposing, and contains organic material, causing further potential concern and urgency to replace the bridge.

Discussion: On December 8, 2015, the Council approved a consulting services agreement with Dewberry | Drake Haglan (Dewberry) to complete engineering design services, NEPA (National Environmental Policy Act) documentation and bid document preparation for the Clay Street Bridge Replacement Project (CIP #40617) in an amount not to exceed \$749,450 with the issuance of a

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Partial Notice to Proceed (NTP) for an amount not to exceed \$59,000. At the time of contract execution, funding was limited, thus the need for the limited initial Notice to Proceed amount. Since that time, additional funding was requested and granted by the Highway Bridge Program (HBP) funding source to the City, based on the merits and need of the project, in the amount of \$1,001,499 in participating funds relating to the Preliminary Engineering Phase of the project, reimbursable up to 88.53%. At the June 14, 2016 Council meeting, a total project budget was approved in an amount of \$1,934,035. At the same meeting, the Council approved issuance of a NTP #2 to continue through the Preliminary Engineering Phase in an amount not to exceed \$355,320 which became available under the approved funding. At the October 11, 2016 meeting, the Council approved Amendment #1 in the amount of \$14,618 for additional environmental review services. At the October 10, 2017 City Council meeting, Amendment #2 was approved to modify the contract language per new Caltrans requirements. On May 8, 2018, the City Council approved Amendment #3 in the amount of \$196,519.27 for additional environmental services requested by Caltrans and supported by the City to document and address resource evaluation within the project limits. The additional work also included preparation of an Environmental Assessment / Finding of No Significant Impact (EA/FONSI) document as deemed the appropriate NEPA document by Caltrans as the NEPA delegated oversight for the project. Additionally, the City and Caltrans further identified the need for a Memorandum of Agreement (MOA) with the State Historic Preservation Officer (SHPO) to address and protect any known and properly documented/recorded resources within the project limits as well as a proper course of action should an inadvertent discovery be made during construction. The MOA will document concurrence of the project, approve a management plan for excavations in the Ivy House Parking Lot, and prepare an individual Section 4(f) evaluation to assess any impacts to cultural resources. On May 26, 2020, the City Council approved Amendment #4 in the amount of \$65,708.22 for additional cultural studies resulting from the Section 106 consultation process.

On April 11, 2023, the City Council approved Amendment #5 in the amount of \$603,126.77 to have Dewberry Engineers Inc. prepare the Environmental Impact Report. At that time, the project did not have sufficient funding to authorize the amendment or the environmental phase work in its entirety.

Amendment #5 request necessitated a scope change/cost change request to be submitted to the Highway Bridge Program. On June 21, 2023, the Caltrans HBP Manager approved moving available programmed funds from the final design phase to the preliminary engineering phase to keep the environmental documentation efforts moving along without delay. HBP further stated that the scope change would still be reviewed and approved by Caltrans Headquarters, and additional funds would be added back to final design at a later date. Caltrans asked the City to submit the request for authorization for the additional PE funds, and the E-76 for HBP funds was received on July 27, 2023.

Notice to Proceed #6 in the amount of \$503,126.77 will enable Dewberry Engineers Inc. to be fully authorized for all remaining tasks within their scope of work for environmental phase of the project. Additional NTPs will be authorized for final design and right-of-way following NEPA environmental clearance.

Options:

1. Approve the budget appropriation and issuance of NTP #6 to Dewberry Engineers, Inc., as recommended by staff.
2. Provide other direction to staff.

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Environmental: This project is subject to both CEQA and NEPA compliance, both of which are in process through the current development of their respective documents.

Cost: The cost of the proposed Notice to Proceed #6 to Dewberry Engineers Inc. is in a not to exceed amount of \$503,126.77

Budget Impact: At its meeting held on June 26, 2007, the City Council appropriated \$800,000 for the Clay Street Realignment and Bridge Replacement Project. The City Council approved a \$193,133 budget liquidation of de-obligated CMAQ funds that were previously budgeted for the project, and an additional \$488,068 budget appropriation at its meeting held on June 14, 2016. On May 8, 2018, the City Council approved \$480,989 in additional budget appropriations for a total project budget of \$1,575,924. On April 11, 2023, the City Council approved an additional \$125,000 budget appropriation for a total project budget of \$1,700,924. Staff is recommending approval of a \$529,906 budget appropriation in Highway Bridge Program funds for a total project budget of \$2,230,830, as shown below:

Funding Source	Revised Project Revenue Budget	Proposed Project Revenue Budget	Increase/ (Decrease)
Highway Bridge Program (HBP)	\$ 886,627	\$ 1,416,533	\$ 529,906
Congestion Mitigation and Air Quality (CMAQ)	223,480	223,480	-
Regional Surface Transportation Program (RSTP)	400,000	400,000	-
Traffic Impact Mitigation (TAM) Fund	190,817	190,817	-
Total	\$ 1,700,924	\$ 2,230,830	\$ 529,906

It is important to note the HBP funds are project specific and cannot be used on any other project or roadway in the City. Furthermore, if the said funds are not used on this project, the funds would be deprogrammed out of El Dorado County and potentially used in another region of the state (e.g. Los Angeles or the Bay Area).

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To date, the project has encumbered the following costs:

Quincy Engineering (Original Agreement)	\$ 254,400
Quincy Engineering (Amendment No. 1)	47,500
Quincy Engineering (Additional Work)	36,274
PMC/Michael Baker International, Inc. (Original Agreement)	172,218
PMC/Michael Baker International, Inc. (Amendment No. 1)	-
PMC/Michael Baker International, Inc. (Amendment No. 2)	-
PMC/Michael Baker International, Inc. (Amendment No. 3)	9,850
PMC/Michael Baker International, Inc. (Amendment No. 4)	26,310
PMC/Michael Baker International, Inc. (Amendment No. 5)	-
PMC/Michael Baker International, Inc. (Amendment No. 6)	21,972
Dewberry Drake Haglan (Notice to Proceed No. 1)	59,000
Dewberry Drake Haglan (Notice to Proceed No. 2)	355,320
Dewberry Drake Haglan (Amendment No. 1)	14,618
Dewberry Drake Haglan (Amendment No. 3)	196,519
Dewberry Drake Haglan (Amendment No. 4)	65,708
Dewberry Drake Haglan (Notice to Proceed No. 5)	100,000
Dewberry Drake Haglan (Task Order No. 1)	25,000
Dewberry Drake Haglan (Proposed NTP No. 6)	503,127
Susanna Aaltonen	2,880
B & B Locating	4,000
Calfee Consulting	487
John Driscoll (Legal Services)	3,182
El Dorado County Recorder-Clerk	2,094
Meyers Nave	5,360
Rebecca Neves (Reimbursement)	336
Mountain Democrat	460
Omni Means	7,145
Pierre Rivas (Reimbursement)	34
Remy Thomas Moose & Man	26,483
Engineering Staff	230,165
Total	<u>\$ 2,170,442</u>

As you can see, the \$2,170,442 in total encumbrances, including the proposed Notice to Proceed #6 in the amount of \$503,126.77 with Dewberry, is within the proposed project budget of \$2,230,830.



M. Cleve Morris, City Manager



Rebecca Neves, City Engineer

Attachments:

Attachment A: Resolution

Attachment B: Project Exhibit