



Legislation Text

File #: 2021-1146, **Version:** 1

To: Board of Supervisors

Department or Agency Name(s): Transportation and Public Works

Staff Name and Phone Number: Johannes J. Hoevertsz, 707-565-2231

Vote Requirement: Majority

Supervisorial District(s): Fourth

Title:

Third Amendment to the Geysers Road Bridge over Frasier Creek (C11005) Design Contract

Recommended Action:

Approve and Authorize the Chair to execute the Third Amendment to an Agreement with TRC Engineers, Inc., for additional design and engineering services related to the Geysers Road Bridge over Frasier Creek (C11005) project. (Fourth District)

Executive Summary:

The Department of Transportation and Public Works (TPW) requests Board approval of the Third Amendment to an Agreement with TRC Engineers, Inc. for design and engineering services associated with the Geysers Road Bridge over Frasier Creek (TPW project C11005). The proposed amendment will provide additional time, and expand the scope of work to include completion of new studies, field investigations and design work required by updated regulatory requirements and California bridge design standards. If approved, the Amendment will extend the term of the contract through December 31, 2026 and increase its value by \$261,452 for a total not-to-exceed contract value of \$814,971.

Discussion:

The Geysers Road Bridge over Frasier Creek project (C11005) will result in the construction of a new two-lane bridge in close proximity to the existing, but functionally obsolete one-lane Geysers Road Bridge. The new bridge will meet current Caltrans design standards including improvements to roadway approaches and appurtenant facilities. The existing bridge will be removed after construction of the new bridge as part of this project. The project does not increase vehicular traffic capacity, but will provide two traffic lanes with shoulders as required by applicable standards. Due to the low traffic volume on Geysers Road, pedestrians, bicycles and vehicles will share the travel lanes and shoulders.

The Board awarded a design contract for this project to TRC Engineers on October 7, 2014. The original contract was for an amount not to exceed \$559,261 with a term ending December 31, 2016. On December 13, 2016, the Board approved the First Amendment to the contract, extending the term through December 31, 2021 at no additional cost. On September 12, 2017, the Board approved the Second Amendment to the contract, expanding the scope of work to include additional archeological studies and increasing the contract amount by \$16,387, for a total amount not to exceed \$575,648, and no change to the contract term.

In order for the project to remain eligible for Federal funding, it must satisfy all requirements of the Federal

Highway Bridge Program, including approval by Caltrans. Caltrans has requested additional environmental studies, geotechnical investigations, and design work to comply with current state and federal regulations. In order to meet these requirements, TPW is requesting approval of a Third Amendment to the contract. If approved, the Amendment will extend the term of the contract through December 31, 2026 and increase its value by \$261,452 for a total not-to-exceed contract value of \$814,971.

If the Board chooses not to approve the proposed amendment, a bridge replacement would not be possible, and the County would be required to repay federal funds received to date for the project.

Strategic Plan:

This item directly supports the County's Five-year Strategic Plan and is aligned with the following pillar, goal, and objective.

Pillar: Resilient Infrastructure

Goal: Goal 3: Continue to invest in critical road, bridge, bicycle, and pedestrian infrastructure.

Objective: Objective 4: Identify and retrofit bridges in County that are at high risk for damage during earthquakes.

Prior Board Actions:

9/12/17 Item 28 - Approval of Second Amendment.

12/13/16 Item 55 - Approval of First Amendment.

10/7/14 Item 23 - Approval of original contract with TRC Engineers, Inc. for engineering and design services associated with Geysers Road Bridge over Frasier Creek.

FISCAL SUMMARY

Expenditures	FY 21-22 Adopted	FY22-23 Projected	FY 23-24 Projected
Budgeted Expenses			\$261,452
Additional Appropriation Requested			
Total Expenditures			
Funding Sources			\$261,452
General Fund/WA GF			
State/Federal			\$261,452
Fees/Other			
Use of Fund Balance			
Contingencies			
Total Sources			\$261,452

Narrative Explanation of Fiscal Impacts:

Expenditures for this Amendment will be programmed into future Roads Capital budgets (11051-34010103)

The total \$261,452 (\$237,684+\$23,768 contingency) funds are potentially reimbursable through the federal Highway Bridge Program (HBP). The funds have been applied for but have not yet been approved for reimbursement. Should the funding be denied, the County will be responsible for the additional contract costs.

Staffing Impacts:			
Position Title (Payroll Classification)	Monthly Salary Range (A-I Step)	Additions (Number)	Deletions (Number)

Narrative Explanation of Staffing Impacts (If Required):

None.

Attachments:

Third Amendment

Related Items "On File" with the Clerk of the Board:

Third amendment scope

Third amendment fee

Second Amendment

First Amendment

Original agreement