



Legislation Details (With Text)

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On agenda: 2/27/2024 **Final action:**

Title: Approve and authorize Agreement No. 240283B with Bureau Veritas for a contract maximum of \$895,774 for construction management services and Amendment No. 3 to Agreement No. 170727B with Biggs Cardosa Associates, Inc., for a contract maximum of \$275,212 for design services to support the construction of the Chiles Pope Valley Road Bridge. (Fiscal Impact: \$1,170,986; Roads Fund; Budgeted; Discretionary)
[4/5 vote required]

Sponsors: Board of Supervisors

Indexes:

Code sections:

Attachments: 1. Project Budget, 2. Agreement - Bureau Veritas, 3. Agreement - Biggs Cardosa Associates, Inc.

Date	Ver.	Action By	Action	Result
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TO: Board of Supervisors

FROM: Steven Lederer - Director of Public Works

REPORT BY: James Reese, P.E. - Associate Engineer

SUBJECT: Award of Professional Services Agreement No. 240283B to Bureau Veritas, and Amendment No. 3 to Professional Services Agreement No. 170727B to Biggs Cardosa Associates, Inc. for the Chiles-Pope Valley Road Bridge Replacement Project, RDS 15-23

RECOMMENDATION

Approve and authorize Agreement No. 240283B with Bureau Veritas for a contract maximum of \$895,774 for construction management services and Amendment No. 3 to Agreement No. 170727B with Biggs Cardosa Associates, Inc., for a contract maximum of \$275,212 for design services to support the construction of the Chiles Pope Valley Road Bridge. (Fiscal Impact: \$1,170,986; Roads Fund; Budgeted; Discretionary)

[4/5 vote required]

BACKGROUND

The Chiles Pope Valley Bridge Replacement Project, RDS 15-23 is scheduled to begin construction in late March or early April, and construction management services are required. Bureau Veritas was selected as the most qualified candidate by a two-step RFQ/RFP process to provide these services which includes onsite

construction, inspection, and contract management. Biological inspections, labor compliance, coordinating between the contractor, permit agencies, engineers and County are part of their scope of work.

Biggs Cardosa Associates, Inc. designed the project, prepared the bid documents and is needed for engineering construction services. It is an industry practice for the design consultant to answer contractor requests for information, approve material submittals, and provide engineering services during construction. The scope and fee for this was not included in the original agreement because, at that time, the exact design solution is not known.

The Napa County Public Works Department is responsible for maintaining 78 bridges that are included in the National Bridge Inventory. The County built the Chiles Pope Valley Road Bridge in 1907 and widened it in 1950. The Bridge is approximately 2.1 miles north of Highway 128 and Caltrans identified it as Structurally Deficient and Scour Critical with a Sufficiency Rating (SR) rating of 53.9 (on a scale of 100).

On August 20, 2012, the California Department of Transportation (Caltrans) issued a letter requesting that local agencies review their public highway bridges for potential replacement, rehabilitation, or preventive maintenance and to take necessary actions to address any public safety issues and to extend the life of our bridge inventory. The Federal Highway Administration (FHWA) provides Highway Bridge Program (HBP) funding to replace bridges when needed and Caltrans administers the HBP in California. County staff evaluated fourteen (14) bridges and prioritized eight (8) bridges for the first phase of the HBP. Caltrans and the FHWA programmed HBP funding to replace seven bridges, including the Chiles Pope Valley Road Bridge over Chiles Creek (21C-0075). Caltrans designated Chiles Pope Road Bridge Replacement as eligible for 88.53% HBP funding. The purpose of this replacement project is to provide a safe, functional, and reliable crossing over Chiles Creek on Chiles - Pope Valley Road.

County staff has acquired the necessary regulatory permits and incorporated the pertinent environmental measures and permit conditions into the plans and specifications. Mitigation planting will come later as a separate project. Caltrans authorized the County to proceed with constructing a two-span concrete bridge and the County advertised bid documents to contractors.

To accelerate the construction in 2024, the plan is to close Chiles - Pope Valley Road at the bridge for eight months (eight-month closure to the public excluding emergency vehicles, and four months to everyone including emergency vehicles), let the contractor work two shifts per day to rebuild the bridge, and detour traffic to Lower Chiles Valley Road and Highway 128 during the construction. People will be able to access Moore Creek Park and other properties west of the bridge from Highway 128. There are two homes between the bridge and Lower Chiles Valley Road. The detour on Highway 128 and Lower Chiles Valley Road will add approximately 10 minutes to the drive. The accelerated construction should allow emergency services vehicles to begin using the new bridge in October 2024.

On January 23, 2024, the Board awarded Chiles Pope Valley Bridge Replacement Project, RDS 15-23 construction contract to the lowest responsive bidder, Gordon N. Ball of Alamo, CA. for a bid of \$6,246,113.

Requested Actions:

1. Approval of and authorization for the Chair to sign Agreement No. 240283B to Bureau Veritas of Sacramento, California for \$895,773.40 for construction management services, and
2. Approval of and authorization for the Chair to sign Amendment No. 3 to Agreement No. 170727B with Biggs Cardosa Associates, Inc. (BCA) to increase maximum compensation by \$275,212, for a new

maximum of \$1,428,162 for design services during construction.

FISCAL & STRATEGIC PLAN IMPACT

Is there a Fiscal Impact?	Yes
Is it currently budgeted?	Yes
Where is it budgeted?	Fund 2040, Sub-Division 2040500 and Project 14010. As always, we will work to maximize our reimbursement from Caltrans. All reimbursements will be returned to the source of the original funds (Roads or ACO) for use on future projects.
Is it Mandatory or Discretionary?	Discretionary
Discretionary Justification:	Construction management funding is necessary for the bridge replacement.
Is the general fund affected?	No
Future fiscal impact:	If this project is not allowed to move forward Napa County may be required to return all funds that have previously been reimbursed by Caltrans. If the project moves forward, the project will proceed at an 88.53% federal reimbursement. A sperate budget will also need to be created for mitigation plantings. Once constructed the new bridge like the existing bridge will need to be maintained.
Consequences if not approved:	The project will not proceed to the construction phase and further damage at the foundations of the bridge could occur in later years, thus putting the safety of travelers on the bridge at risk.

ENVIRONMENTAL IMPACT

ENVIRONMENTAL DETERMINATION: On December 7, 2021, the Board adopted a Mitigated Negative Declaration. According to the Mitigated Negative Declaration, the proposed project would have, if mitigation measures are not included, potentially significant environmental impacts in the following areas: biological resources, hydrology and water quality, transportation, and tribal cultural resources. This project site is not on any of the lists of hazardous waste sites enumerated under Government code section 65962.5.