



BOARD OF SUPERVISORS
AGENDA LETTER

Agenda Number:

Clerk of the Board of Supervisors
105 E. Anapamu Street, Suite 407
Santa Barbara, CA 93101
(805) 568-2240

Department Name: Public Works
Department No.: 054
For Agenda Of: October 15, 2019
Placement: Administrative
Estimated Tme: N/A
Continued Item: No
If Yes, date from:
Vote Required: Majority

TO: Board of Supervisors
FROM: Department Director: Scott D. McGolpin, Public Works Director, 568-3010
Contact Info: Chris Sneddon, Deputy Director, Transportation, 568-3064
SUBJECT: **Second Amendment to Cornerstone Agreement for Services of Independent Contractor for Floradale Avenue Bridge No. 51C-0371 Project; County Project No. 862032; Third Supervisorial District**

County Counsel Concurrence

As to form: Yes

Auditor-Controller Concurrence

As to form: Yes

Other Concurrence: Risk Management

As to form: Yes

Recommended Actions:

That the Board of Supervisors:

- a) Approve, ratify, and authorize the Chair to execute the Second Amendment to the Agreement for Services of Independent Contractor with Cornerstone Structural Engineering Group (not a local vendor), to add services and to increase the base amount by \$149,170 for a revised total amount not to exceed \$1,076,580, including \$84,310 in contingency funds with a period of performance of July 25, 2017 through June 30, 2021 to provide professional engineering services for the Floradale Avenue Bridge No. 51C-0371 Project, County Project No. 862032, Third Supervisorial District;
- b) Approve and authorize the Director of Public Works, or designee, to make immaterial amendments in accordance with Section 36 of the Agreement; and
- c) Determine the above actions are not a project under the California Environmental Quality Act guidelines pursuant to Section 15378(b)(5) because it consists of organizational or administrative activities of governments that will not result in direct or indirect physical changes in the environment.

Summary Text:

This item is on the agenda to amend the Agreement for Services of Independent Contractor (“Agreement”) for the design and construction of the Floradale Avenue Bridge No. 51C-0370 Project (“Project”). Approval of this Second Amendment would allow the contractor, Cornerstone Structural Engineering Group (“Cornerstone”), to complete the design of the project, and to continue coordinating

utility relocations. Amendment No. 1 was approved on June 25, 2019 to extend the contract length from 2 years to 4 years, to allow additional time to resolve design modifications and continue utility coordination.

Public Works is currently working with Cornerstone to advance the engineering design to 100% Plans, Specifications, and Estimate ("PS&E"). 100% PS&E is required to program construction funding and request authority to construct from Caltrans. Caltrans administers federal funding for the Federal Highways Administration (FHWA) which is funding a majority of this project. Cornerstone is under contract to serve as the County's engineering design consultant, to provide professional services to complete PS&E, as well as right of way (ROW) acquisition and utility coordination support. To date, County and Cornerstone have worked closely to coordinate project development and finalize the project deliverables.

During the execution of the PS&E phase, it was determined that additional effort is required for several design elements. This includes the need for additional topological survey, additional subsurface exploration, additional design tasks to respond to comments and direction from the Caltrans local assistance structure representative, the addition of decorative art pilasters, revisions to the design speed and associated geometrics, and the additional length of time required for utility coordination. These additional efforts are required in order to respond to the needs of the project and satisfy right of way and utility coordination requirements to properly design the project to be responsive to the needs of the public. Additional effort is also required to convert the PS&E package to the 2018 Standards as mandated by Caltrans.

The changes will increase the amount of the Agreement by an estimated \$149,170 to complete the PS&E package and complete utility relocation coordination

The Board authorized the Agreement with Cornerstone for this project for a base contract amount of \$843,100, with an \$84,310 contingency. The approval of these additional items of work will be in excess of the available contingency for the Agreement. With the authorization of these additional items of work, the contract would have an approved not-to-exceed amount of \$1,076,580.

The recommended actions would authorize and execute the attached Second Amendment to the Agreement with Cornerstone, as well as authorize the Director of Public Works to make immaterial amendments to the Agreement with Cornerstone to complete the final design of the project. Immaterial amendments would include time frame and mutually agreeable work program changes, updates to designated representatives, or clerical error corrections, which would not result in changes to the Agreement, scope of Statement of Work, or total contract amount. Authorization of the additional items of work will allow for the completion of the engineering design, right of way and utility coordination required to complete the PS&E, program construction funding, receive authorization to construct the project from Caltrans, and advertise the project.

Background:

The proposed project is located on Floradale Avenue, approximately 0.68 miles north of the intersection of Floradale Avenue and West Central Avenue, west of the City of Lompoc. Constructed in 1969, the existing bridge No. 51C-006 is a six-span reinforced concrete box girder bridge, approximately 521 feet long and 40 feet, 8 inches wide, with one traffic lane in each direction. In 1997 and 1998, a seismic vulnerability assessment was performed, which concluded in a recommendation for retrofit or replacement. An assessment of the retrofit versus replacement options was completed in 2007 concluding that replacement of the bridge would be more cost effective.

The proposed replacement bridge structure will accommodate one 12-foot travel lane and an 8-foot shoulder in each direction of travel. Including the proposed bridge barrier rails, the proposed overall bridge deck width is 43 feet, 6 inches. The superstructure will consist of 4 long spans at 125 feet, 165 feet, 165 feet, and 125 feet. These spans will be cast-in-place, post tensioned, concrete haunched box girders. To mitigate against future erosion of the roadway embankment, rock slope protection will be installed at and around each abutment, covered with native soil material.

On July 25, 2017, the Board authorized an Agreement for Services of Independent Contractor with Cornerstone in the base bid contract amount of \$843,100, with an authorized contingency amount not to exceed \$84,310.

Fiscal and Facilities Impacts:

Budgeted: Yes

Fiscal Analysis:

<u>Funding Sources</u>	<u>Total One-Time Project Cost</u>
Highway Bridge Program (HBP)	\$119,336
Local Match Funds	\$29,834
Total	\$149,170

Narrative:

Approval of this Second Amendment will allow for additional services and funding to aid in the completion of the Agreement for Services of Independent Contractor, previously executed by the Board on July 25, 2017. The Highway Bridge Program (HBP) would fund \$119,336 (80%); Local match funds would fund the remaining \$29,834 (20%). Funds for this project are budgeted in Department 054, Fund 0017, Organizational Unit 0600, Program 2830, and Account 7460. Public Works will return to the Board at a future date to award a construction contract for this project.

Key Contract Risks:

There is no risk associated with this Agreement. The Agreement allows the County to terminate the Agreement upon thirty days written notice for convenience, and costs are not incurred until work is performed by the Contractor.

Special Instructions:

Please forward the following items to Gail Ocheltree in the Public Works Department, Transportation Division, 123 E. Anapamu Street, extension 3094:

- A certified, stamped Minute Order approving these recommendations
- Two duplicate originals executed amendment signature pages

Attachments:

Attachment A: Second Amendment to Agreement for Services of Independent Contractor between County of Santa Barbara and Cornerstone Structural Engineering Group, Floradale Avenue Bridge No. 51C-0371 Project, County Project No. 862032 (1 original and 2 duplicate original signature pages)

Attachment B: Copy of original Agreement for Services of Independent Contractor (BC18100) between the County of Santa Barbara and Cornerstone Structural Engineering Group, Floradale Avenue Bridge No. 51C-0371 Project, County Project No. 862032.

Attachment C: Copy of the First Amendment to Agreement for Services of Independent Contractor (BC18100) between the County of Santa Barbara and Cornerstone Structural Engineering Group Floradale Avenue Bridge No. 51C-0371 Project, County Project No. 862032.

Authored by:

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