



Legislation Text

File #: 22-704, **Version:** 1

Report regarding a resolution approving a second Amendment to a Consulting Services Agreement with Biggs Cardosa Associates, Inc. of San Jose, California for the Bridge Preventive Maintenance Program (Project No. st1703) in an amount not to exceed \$112,590 and authorizing a total budget of \$400,000. (*Matthew Ruble, Principal Engineer*)

RECOMMENDATION

It is recommended that the City Council adopt a resolution approving a second amendment to Consulting Services Agreement with Biggs Cardosa Associates, Inc. of San Jose, California for the Bridge Preventive Maintenance Program (Project No. st1703) increasing the amount not to exceed by \$112,590 and authorizing a total budget of \$400,000.

BACKGROUND/DISCUSSION

The City of South San Francisco ("City") has an ongoing Bridge Preventive Maintenance Program (BPMP) for the fourteen (14) vehicle bridges that are under the Caltrans Bridge Inspection Program. (Attachment 1 - Bridge Location Map). The BPMP was created to help local agencies extend the life of their bridges by performing certain activities that have been pre-approved by the Federal Highway Administration.

The Bridge Preventive Maintenance Program Goals are to:

1. Maintain the existing inventory of bridges in a structurally safe and serviceable condition.
2. Correct minor structural deficiencies early in a bridge's life, rather than wait until a bridge has major problems requiring costly rehabilitation, reconstruction or replacement.
3. Extend the service lives of existing bridges.
4. Make efficient use of limited resources.

Caltrans inspects the bridges every two years and submits its findings to the City. City staff determines the appropriate actions based upon the reports and Caltrans work recommendations.

A summary of the recent bridge rehabilitation history and planned projects is outlined in the following table:

<u>BRIDGE NO.</u>	<u>DESCRIPTION</u>	<u>NOTES</u>
#35C0032	Dunman Street at Hickey Boulevard	Current BPMP* (Design) + Repairs in 2013
#35C0079	Colma Creek Bridge at Chestnut Avenue	Current BPMP (Design) + Repairs in 2013
#35C0078	Colma Creek Bridge at Spruce Avenue	Current BPMP (Design)
#35C0126	Colma Creek Bridge at Spruce Avenue	No work indicated per Caltrans Report

#35C0031	Colma Creek Bridge at Linden Avenue	Current BPMP (Design)
#35C0048	San Mateo Avenue at Airport Boulevard	Repairs in 2013 project
#35C0021	Colma Creek Bridge at Produce Avenue	Current BPMP (Design)
#35C0101	Colma Creek Bridge at Utah Avenue	Current BPMP (Design) + Repairs in 2013
#35C0148L	Grand Avenue OH at US101	Grant funding expected in FY21/22 (Design)
#35C0148R	Grand Avenue OH at US101	Grant funding expected in FY21/22 (Design)
#35C0173	Oyster Pt Boulevard OH at Gateway Boulevard	Current BPMP* (Design) + Repairs in 2013
#35C0044	San Bruno Canal Bridge at North Access Road	Bridge Replaced in 2018 (New Bridge No. #35C0164)
#35C0046	San Bruno Canal Bridge at North Access Road	Current BPMP* (Design) + Repairs in 2013
#35C0047	San Bruno Canal Bridge at North Access Road	Current BPMP (Design) + Repairs in 2013
#35C0164	<i>San Bruno Canal Bridge at North Access Road</i>	<i>Removed from list as it is owned by others</i>

*Bridge later added to the current BPMP

Thirteen (13) of the 14 city bridges under the Caltrans Bridge Inspection Program have or will be rehabilitated. Bridge #35C0126 (Colma Creek Bridge at Spruce Avenue), has no repairs recommended per the latest Caltrans Bridge Inspection Report.

The City Council awarded a Consulting Services Agreement to Biggs Cardosa Associates, Inc. for the BPMP (Project No. st1703) on October 14, 2020. A first amendment to the consulting services agreement was made on May 10, 2021, for the addition of additional unidentified repairs not originally included in the program.

As part of the initial biological investigation performed to support the BPMP additional effort and documentation related to the environmental process and permitting is required. In order to provide the most economical approach to delivery of the maintenance activities identified in the BPMP, the environmental consultant would complete the environmental documentation and permitting for all nine (9) bridge sites under one Federal Project Number and once set of environmental documents and permits. The specific scope and cost are outlined in attachment 4.

FUNDING

The updated estimated costs for the preliminary engineering costs are as follows:

Original Consulting Services Agreement with Biggs Cardosa Associates, Inc.	\$ 200,000
Amendment No. 1	\$ 31,666
Amendment No. 2 (Proposed)	\$ 112,590
Design Contingency (16.2%)	\$ 55,744
Total	\$ 400,000

The City's fiscal year 2022-23 Capital Improvement Program budget included and additional \$200,000 for this project. When combined with previous years funding, a total budget of \$2,199,000 is available for this project.

The City is eligible for reimbursement of Caltrans approved project related expenditures including: city expenditures and consultant fees for project administration, CEQA publications, public notifications, permits and other direct costs.

RELATIONSHIP TO STRATEGIC PLAN

Approval of this action will contribute to the City's Strategic Plan outcome of Quality of Life by improving traffic safety and experience.

CONCLUSION

Staff recommends the City Council adopt a resolution authorizing the City Manager to execute a second amendment to the consulting services agreement with Biggs Cardosa Associates, Inc. for the Bridge Preventive Maintenance Program (Project No. st1703) will enable the design consultants to do the necessary documentation for the various permits.

Attachments:

1. Bridge Location Map
2. Original Consulting Services Agreement with Biggs Cardosa Associates, Inc.
3. First Amendment to Consulting Services Agreement with Biggs Cardosa Associates, Inc.
4. Proposed second amendment Scope of Services