



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: March 12, 2013

TO: Mayor and Councilmembers

FROM: Engineering Division, Public Works Department

SUBJECT: Contract For Construction For The Bridge Preventive Maintenance Program Project, Bid No. 3635

RECOMMENDATION: That Council:

- A. Accept a grant from the Federal Highway Administration for an amount not to exceed \$313,248 for construction of the Bridge Preventive Maintenance Program Project;
- B. Authorize the increase of estimated revenues and appropriations in the Fiscal Year 2013 Streets Grant Fund by \$257,237 for the Bridge Preventive Maintenance Program Project;
- C. Award a contract to Granite Construction Company in their low bid amount of \$198,608 for construction of the Bridge Preventive Maintenance Program, Bid No. 3635; and
- D. Authorize the Public Works Director to execute the contract and approve expenditures up to \$19,861 to cover any cost increases that may result from contract change orders for extra work and differences between estimated bid quantities and actual quantities measured for payment.

DISCUSSION:

PROJECT DESCRIPTION

The work is located at seven bridges throughout the City, including four bridges over Mission Creek (Carrillo Street, Arrellaga Street, Mission Street, and State Street), one bridge over the Laguna Channel (Yanonali Street), one bridge over Sycamore Creek (East Cabrillo Boulevard), and one bridge over Tecolotito Creek (Hollister Avenue).

The work consists of placing polyester concrete overlay, methacrylate resin treatment, and asphalt concrete; removing and replacing concrete; removing traffic stripes, pavement markings, and pavement markers; epoxy crack injecting; painting traffic stripes and pavement markings; installing pavement markers; and other incidental and appurtenant work necessary for the proper construction of the contemplated improvement, as indicated on the project plans.

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CONTRACT BIDS

A total of five bids were received for the subject work, ranging as follows:

	BIDDER	BID AMOUNT
1.	Granite Construction Company Watsonville, California	\$198,608.00
2.	Truesdell Corporation of California, Inc. Tempe, Arizona	\$224,224.00
3.	Beador Construction Company, Inc. Corona, California	\$228,300.00
4.	American Civil Constructors, Inc.	\$255,618.50
5.	Newton Construction and Management, Inc.	\$383,186.72

The low bid of \$198,608, submitted by Granite Construction Company (Granite), is an acceptable bid that is responsive to and meets the requirements of the bid specifications. Staff evaluated Granite's bid and found no mathematical error or apparent unbalanced quote. Furthermore, staff checked Granite's contractor license and found no default.

The change order funding recommendation of \$19,861, or ten percent, is typical for this type of work and size of project.

COMMUNITY OUTREACH

Staff will be mailing written notices at a minimum of two weeks in advance of any construction activity to adjacent properties within 300 feet from the bridge. In addition, the contractor will deliver notices to each business and resident adjacent to the construction activity areas 72 hours prior to beginning work.

FUNDING

This project is funded in part by the California Department of Transportation (Caltrans) Local Assistance Bridge Preventive Maintenance Program (BPMP), a subset of the Federal Highway Administration Highway Bridge Program. Under the BPMP, the federal share of project costs is 88.53 percent and the City's share is 11.47 percent.

The following summarizes the construction contract costs:

CONSTRUCTION CONTRACT COSTS

Contractor	Basic Contract	Contract Change Order	Total
Granite Construction Company	\$198,608	\$19,861	\$218,469
TOTAL CONSTRUCTION CONTRACT COSTS			\$218,469

The following summarizes all Project design and construction costs:

PROJECT COSTS

**Cents have been rounded to the nearest dollar in this table.*

Project Cost	Federal Share	City Share	Total
Design Cost (Contract)	\$21,966	\$2,846	\$24,812
Other Design Cost- Environmental (Contract)	\$7,412	\$960	\$8,372
Project Management (City Staff)	\$21,084	\$40,954	\$62,038
Subtotal	\$50,462	\$44,760	\$95,222
Construction Contract Cost (Contract)	\$175,828	\$22,780	\$198,608
Construction Contract Change Order	\$17,583	\$2,278	\$19,861
Construction Management/Inspection Cost (City Staff)	\$41,667	\$5,398	\$47,065
Subtotal	\$235,078	\$30,456	\$265,534
Other Construction Cost- Engineering Support Services During Construction (Contract)	\$16,577	\$2,148	\$18,725
Other Construction Cost- Materials Testing (Contract)	\$5,582	\$723	\$6,305
Subtotal	\$22,159	\$2,871	\$25,030
TOTAL PROJECT COSTS	\$307,699	\$78,087	\$385,786

Staff Project Management included consultant contract administration, grant funding administration, and coordination of Caltrans and inter-City department reviews. Contracts for engineering support services and materials testing have been previously authorized and are within the authority of the City Administrator.

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The total project cost is \$385,786. The Bridge Preventive Maintenance Program has already received \$50,462 in grants from the federal bridge program for the design costs. The additional \$257,237 (\$235,078 Construction/Change Order/Management plus \$22,159 for Engineering Support Services/Materials testing) is for the federal share of the construction cost. There are sufficient appropriated funds in the Streets Fund to cover the City costs totaling \$78,087.

PREPARED BY: John Ewasiuk, Principal Civil Engineer/JLI/kts

SUBMITTED BY: Christine F. Andersen, Public Works Director

APPROVED BY: City Administrator's Office