



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: March 30, 2010

TO: Mayor and Councilmembers

FROM: Engineering Division, Public Works Department

SUBJECT: Contract For Cultural Resources Studies For The Chapala, Cota, And Mason Street Bridge Replacement Projects

RECOMMENDATION:

That Council authorize the Public Works Director to execute a City professional services contract with Applied EarthWorks, Inc. (Applied EarthWorks), in the amount of \$218,585, for mandated cultural resource studies and analyses services during design of the Chapala, Cota, and Mason Street Bridge Replacement Projects (Bridge Projects), and authorize the Public Works Director to approve expenditures of up to \$21,858 for extra services of Applied EarthWorks that may result from necessary changes in the scope of work.

DISCUSSION:

BACKGROUND

On January 26, 2010, City Council approved design funding for the replacement of the Chapala, Cota, and Mason Street Bridges. The Bridge Projects have qualified for replacement under the Federal Highway Bridge Program (HBP) and therefore, contain HBP funds to be administered by Caltrans. Federal Highway Administration (FHWA) generally pays 88.53% of the total project costs for HBP projects. The City has received authorization to proceed with Preliminary Engineering Phase services from the FHWA. Consequently, these Bridge Projects are required to complete cultural studies, in accordance with the National Historic Preservation Act (NHPA), the National Environmental Policy Act (NEPA), and the Lower Mission Creek Flood Control Environmental Impact Report. These studies will be used to preserve historic resources and provide potential historic district information for these and future projects in the vicinity.

PROJECT DESCRIPTION

Applied EarthWorks will provide the required “area of potential effect” maps, perform historic property surveys, produce archaeological reports, and provide historical resources evaluation reports.

It is anticipated that the process will require several months to complete. This work is on the design schedule’s critical path for the Bridge Projects. If needed, additional environmental reporting requirements will return to Council under separate contract at a later date.

The Lower Mission Creek Flood Control Project Final Environmental Impact Study/Environmental Impact Report includes a mitigation measure for historic resource impacts, requiring study of several properties around Mission Creek and the Lower West Side to see if the surrounding area qualifies for designation as a Historic District. Applied EarthWorks will provide a “City Level” potential Historic District Study of 120 properties in the vicinity of the Cota Street Bridge, supplementing completed property research for the Ortega Bridge Project. A report will be prepared, analyzing whether there is a potential Historic District; if so, the report will define the District’s boundaries. The City funded Historic District Study fulfills a Lower Mission Creek Environmental Impact Report requirement. It is not required for bridge work; therefore, costs associated with this item will be solely the City’s responsibility. A breakdown of the City costs is identified in the table below.

DESIGN PHASE SERVICES

Staff recommends that Council authorize the Public Works Director to execute a contract with Applied EarthWorks in the amount of \$240,443 for cultural resources technical studies. After reviewing proposals from two firms in response to a Request for Proposal, Applied EarthWorks was selected to perform the contract work. In addition, Applied EarthWorks is listed on the City’s Approved Historical and Archeological Consultant Lists and is experienced in this type of work.

PUBLIC OUTREACH

Research and studies will require contact with local property owners at various phases of the work. Staff will work with Applied EarthWorks to notify property owners of impending studies and to seek rights of entry onto properties as required. The public can also obtain Lower Mission Creek and associated Bridge Projects related information at: www.lowermissioncreek.org.

FUNDING

The following table summarizes costs associated with contract items, with the City share generally being 11.47%:

CULTURAL RESOURCE CONTRACT			
Task	City Share	Federal Share	Total Costs
Chapala	\$6,276	\$48,441	\$54,717
Cota	\$6,276	\$48,441	\$54,717
Mason	\$6,545	\$50,518	\$57,063
Subtotal	\$19,097	\$147,400	\$166,497
City Level Historical Study	\$52,088	0	\$52,088
Total Contract	\$71,185	\$147,400	\$218,585
Extra Services	\$2,507	\$19,351	\$21,858
Grand Total Contract	\$73,692	\$166,751	\$240,443

Estimated total bridge replacement costs of approximately \$18,000,000 are detailed in the attachment. This contract equals approximately 1.3% of the total project costs.

From previous HBP grant fund appropriations and current year budgeted appropriations, there are sufficient funds in the Streets Capital Fund to cover the cost of these services.

ATTACHMENT: Table of Estimated Bridge Replacement Costs

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SUBMITTED BY: Christine F. Andersen, Public Works Director

APPROVED BY: City Administrator's Office

TABLE OF ESTIMATED TOTAL BRIDGE PROJECT COSTS

The following summarizes estimated total Project costs for the three bridge projects, with the City's share being 11.47%. The Highway Bridge Program will pay 88.53% of design, right of way, and construction costs. Proposition 1B funding will provide the local match (11.47%) for the right of way and construction phases of the Chapala Street Bridge project only.

ESTIMATED TOTAL BRIDGE PROJECT COSTS

CHAPALA STREET BRIDGE SEISMIC RETROFIT				
Task	City Share	Federal Share	Prop 1B Share	Total Estimated Costs
Design	\$60,103	463,897	\$0	\$524,000
Right of Way	\$0	\$314,282	\$40,718	\$355,000
Construction	\$0	\$1,593,540	\$206,460	\$1,800,000
Subtotal	\$60,103	\$2,371,719	\$247,178	\$2,679,000

COTA STREET BRIDGE REPLACEMENT			
Task	City Share	Federal Share	Total Estimated Costs
Design	\$65,953	\$509,047	\$575,000
Right of Way	\$114,700	\$885,300	\$1,000,000
Construction	\$328,042	\$2,531,958	2,860,000
Subtotal	\$508,695	\$3,926,305	\$4,435,000

MASON STREET BRIDGE REPLACEMENT			
Task	City Share	Federal Share	Total Estimated Costs
Design	\$112,062	\$864,938	\$977,000
Right of Way	\$573,500	\$4,426,500	\$5,000,000
Construction	\$562,030	\$4,337,970	\$4,900,000
Subtotal	\$1,247,592	\$9,629,408	\$10,877,000

GRAND TOTAL THREE BRIDGES				
	City Share	Federal Share	Prop 1B Share	Total Estimated Costs
Grand Total	\$1,816,390	\$15,927,432	\$247,178	\$17,991,000