



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: January 8, 2013

TO: Mayor and Councilmembers

FROM: Engineering Division, Public Works Department

SUBJECT: Contract For Design Of The Gutierrez Street Bridge Replacement Project

RECOMMENDATION:

That Council authorize the Public Works Director to execute a professional services contract with Drake Haglan and Associates in the amount of \$591,294 for design services for the Gutierrez Street Bridge Replacement Project and authorize the Public Works Director to approve expenditures of up to \$59,129 for extra services of Drake Haglan and Associates that may result from necessary changes in the scope of work.

DISCUSSION:

BACKGROUND

On April 10, 2012, Council authorized and accepted Federal Highway Administration (FHWA) bridge replacement grant funds to initiate design of the Gutierrez Street Bridge (Bridge) Replacement Project (Bridge Project). The FHWA funds and covers replacement and rehabilitation of bridges that are located off the state and interstate highway system. Caltrans inspects all bridges across the state in accordance with National Bridge Inspection Standards. Bridges that are structurally deficient or functionally obsolete with a sufficiency rating of less than 80 are eligible for rehabilitation. Bridges that are structurally deficient or functionally obsolete with a sufficiency rating of less than 50 are eligible for replacement.

The Bridge is eligible for replacement under the Federal Bridge Replacement Program. FHWA funds will be used to reimburse the City for 88.53 percent of design, right-of-way, and construction costs. While funding comes from FHWA, Caltrans Local Assistance provides project oversight. The City's grant fund match is 11.47 percent.

PROJECT DESCRIPTION

The Bridge spans part of the Lower Mission Creek Flood Control Project (LMCFC Project). The LMCFC Project covers approximately 1.3 miles of the Mission Creek channel, from Canon Perdido Street to Cabrillo Boulevard. These reaches of Mission Creek are subject to flooding that affects residents, businesses, and transportation facilities. The LMCFC Project is intended to reduce flooding on the lower portions of Mission Creek.

The Bridge Project design will include lengthening the Bridge to improve hydraulic conveyance underneath, transition wall designs to accommodate the future flood control project, bridge railing designs, sidewalk and street enhancements, and utility realignments. The design contract also contains a separate task to study traffic patterns associated with the Project. In addition to improving water conveyance, final channel improvements will enhance and restore aquatic and riparian habitat.

DESIGN PHASE CONSULTANT ENGINEERING SERVICES

Drake Haglan and Associates (Drake Haglan) was selected as part of a Request for Qualifications process that followed strict Caltrans Local Assistance Procedures Manual requirements. Consultants were rated based upon their qualifications and technical proposals. Three Consultants submitted design proposals and all three candidates were interviewed. Based upon the proposals and interview, Drake Haglan was ranked the most qualified consultant. Drake Haglan was asked to provide a cost proposal to perform the design services work.

COMMUNITY OUTREACH

Although the LMCFC Project has undergone extensive public review, as memorialized in the Army Corps of Engineers Environmental Impact Report/Environmental Impact Statement (EIR/EIS), for the purposes of the EIR/EIS, the Bridge was not anticipated to be replaced. As such, the consultant, as part of their proposal, was required to add extensive tasks to fully vet the Bridge Project through both internal and public review processes. A Project Development Team (PDT) will be assembled for the project, consisting of the City Project Manager and other City representatives along with the Consultant Project Manager, County Flood Control, and Caltrans Local Assistance. The PDT will review and approve the project through three distinct design phases: Conceptual, Preliminary, and Final. In addition, Drake Haglan will be directed to coordinate and use the EIR/EIS as a basis for their designs. The Bridge Project will also be reviewed by the Historic Landmarks Commission, and elements of community outreach will be required as part of the consultant contract. The level of environmental documentation anticipated for National Environmental Policy Act is a Categorical Exclusion with Technical Studies and for California Environmental Quality Act an Initial Study/Mitigated Negative Declaration.

Additional public information will be disseminated throughout the Bridge Project in a timely manner, similar to what has been done for the recently completed bridge replacement projects. In addition, information will be available on the Lower Mission Creek website (lowermissioncreek.org) and the Public Works Department, Engineering Division webpage under “Lower Mission Creek Bridge Projects”.

FUNDING

The following table summarizes future estimated total Project costs, with the City share being 11.47 percent for participating costs. FHWA funds equal 88.53% of participating costs.

ESTIMATED TOTAL PROJECT COST

Gutierrez Street Bridge Replacement Project	City Share	FHWA Share	Total Project Costs
Design	\$86,025	\$663,975	\$750,000
Right of Way	\$114,700	\$885,300	\$1,000,000
Construction	\$517,956	\$3,997,794	\$4,515,750
Non-Participating Costs	\$100,000	\$0	\$100,000
TOTAL PROJECT COST	\$818,681	\$5,547,069	\$6,365,750

Appropriation of the federal FHWA grant and reprogramming of existing appropriations in the Streets Fund would cover the cost for engineering design. The estimated funds for the City’s matching share of the right-of-way and construction phases are intended to be programmed in later fiscal years, using funds generated through the sale of properties temporarily acquired for construction of other FHWA bridge replacement projects.

Effective March 8, 2012, the FHWA has given the City approval to proceed with reimbursable work on the design phase of this project.

The Bridge Project costs will be reevaluated after the preliminary design has been completed. At that time, staff may request an adjustment to approved amounts through Caltrans to the FHWA as necessary to complete the Bridge Project. Staff will require additional appropriations to proceed with future phases of work.

PREPARED BY: John Ewasiuk, Principal Civil Engineer/JC/sk

SUBMITTED BY: Christine F. Andersen, Public Works Director

APPROVED BY: City Administrator’s Office