



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: May 20, 2014

TO: Mayor and Councilmembers

FROM: Engineering Division, Public Works Department

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

RECOMMENDATION:

That Council authorize the Public Works Director to execute a City Professional Services contract with Bengal Engineering, Inc., in the amount of \$664,787 for design services for the Quinientos Street Bridge Replacement Project, and authorize the Public Works Director to approve expenditures of up to \$66,478 for extra services of Bengal Engineering, Inc., that may result from necessary changes in the scope of work.

DISCUSSION:

BACKGROUND

On November 12, 2013, Council authorized and accepted Federal Highway Administration (FHWA) bridge replacement grant funds to initiate the design of the Quinientos Street Bridge (Bridge) Replacement Project (Project). The FHWA provides funds that cover the cost of replacement of local agency bridges that are located off the state and interstate highway system. The California Department of Transportation (Caltrans) inspects all bridges across the state in accordance with the 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 FHWA has delegated the authority to administer the Local Highway Bridge Program (HBP) to Caltrans for the State of California. Federal HBP funds will be used to reimburse the City for 88.53 percent of eligible design, right-of-way, and construction phase costs. Additional federal funds from state toll credits will be used to reimburse the City for the remaining 11.47 percent of eligible design, right-of-way, and construction phase costs. City funds are needed only for costs ineligible for reimbursement through

the HBP, such as project initiation and undergrounding of utilities located beyond the scope of the bridge replacement project.

PROJECT DESCRIPTION

The Project is located on Quinientos Street over Sycamore Creek, between Soledad Street and Canada Street. The Project location is provided as an attachment. The work consists of replacement of the Bridge and street improvements. The Bridge replacement will be designed to accommodate roadway improvements that will increase sight distance for motorists and enhance the pedestrian environment in the vicinity of the Bridge.

DESIGN PHASE CONSULTANT ENGINEERING SERVICES

Staff recommends that Council authorize the Public Works Director to execute a contract with Bengal Engineering, Inc., (Bengal) in the amount of \$664,787 for design, and \$66,478 for potential extra services, for a total amount of \$731,265. Bengal was selected as part of a Request for Qualifications process that followed Caltrans Local Assistance Procedures Manual requirements. Three consultants submitted design proposals and all three candidates were interviewed. Based upon the proposals and interviews, Bengal was ranked the most qualified consultant. Following the interview, Bengal was asked to provide a cost proposal to perform the design phase services. Staff and Bengal have negotiated and reached an agreement upon a final contract that delivers the services required at a fair and reasonable cost to the City.

COMMUNITY OUTREACH

Extensive Community Outreach for the Project is anticipated in the concept design phase of this contract. Bengal has included multiple tasks to fully vet the Project through both internal and public review processes. Elements of community outreach are included as part of this contract. A Project Development Team (PDT) will be assembled for the Project, consisting of a City Project Manager and other City representatives, along with the Consultant Project Manager, Santa Barbara County Flood Control, and Caltrans Local Assistance. The PDT will review and approve the Project through three distinct design phases: Conceptual, Preliminary, and Final. The Project will be reviewed by the Architectural Board of Review. The level of environmental documentation anticipated for the National Environmental Policy Act is a Categorical Exclusion with Technical Studies. For the California Environmental Quality Act an Initial Study/Mitigated Negative Declaration is anticipated.

Additional public information will be disseminated throughout the Project in a timely manner, similar to what has been done for other recently completed bridge replacement projects.

FUNDING

The following summarizes all estimated total Project costs:

ESTIMATED TOTAL PROJECT COST

Quinientos Street Bridge Replacement Project	City Share	Federal Share	Total Project Cost
Design (this Contract)	\$0	\$731,265	\$731,265
Estimated Design and Project Administration (City Staff)	\$20,000	\$81,235	\$101,235
Estimated Other Design Costs	\$5,000	\$0	\$5,000
Subtotal Design	\$25,000	\$812,500	\$837,500
Estimated Professional Real Property Services	\$0	\$20,000	\$20,000
Estimated Right of Way Phase Services (City Staff)	\$5,000	\$20,000	\$25,000
Estimated Other Right of Way Costs	\$5,000	\$160,000	\$165,000
Subtotal Right of Way*	\$10,000	\$200,000	\$210,000
Estimated Construction Contract w/Change Order Allowance	\$35,000	\$3,575,000	\$3,610,000
Estimated Construction Management/Inspection (by Contract)	\$0	\$650,000	\$650,000
Estimated Contract Administration and Construction Oversight (City Staff)	\$25,000	\$250,000	\$275,000
Estimated Other Construction Phase Costs	\$5,000	\$75,000	\$80,000
Subtotal Construction*	\$65,000	\$4,550,000	\$4,615,000
TOTAL PROJECT COST	\$100,000	\$5,562,500	\$5,662,500

**Initial estimates, to be revised during design development*

There are sufficient funds in the Streets Capital Fund to cover the design phase costs. Effective November 21, 2013, the FHWA has given the City approval to proceed with reimbursable design phase work for the Project. The Project costs will be re-evaluated during the design phase. The City will require additional authorizations from FHWA and appropriations from Council to proceed with the right of way and construction phases of work.

ATTACHMENT(S): Project Location

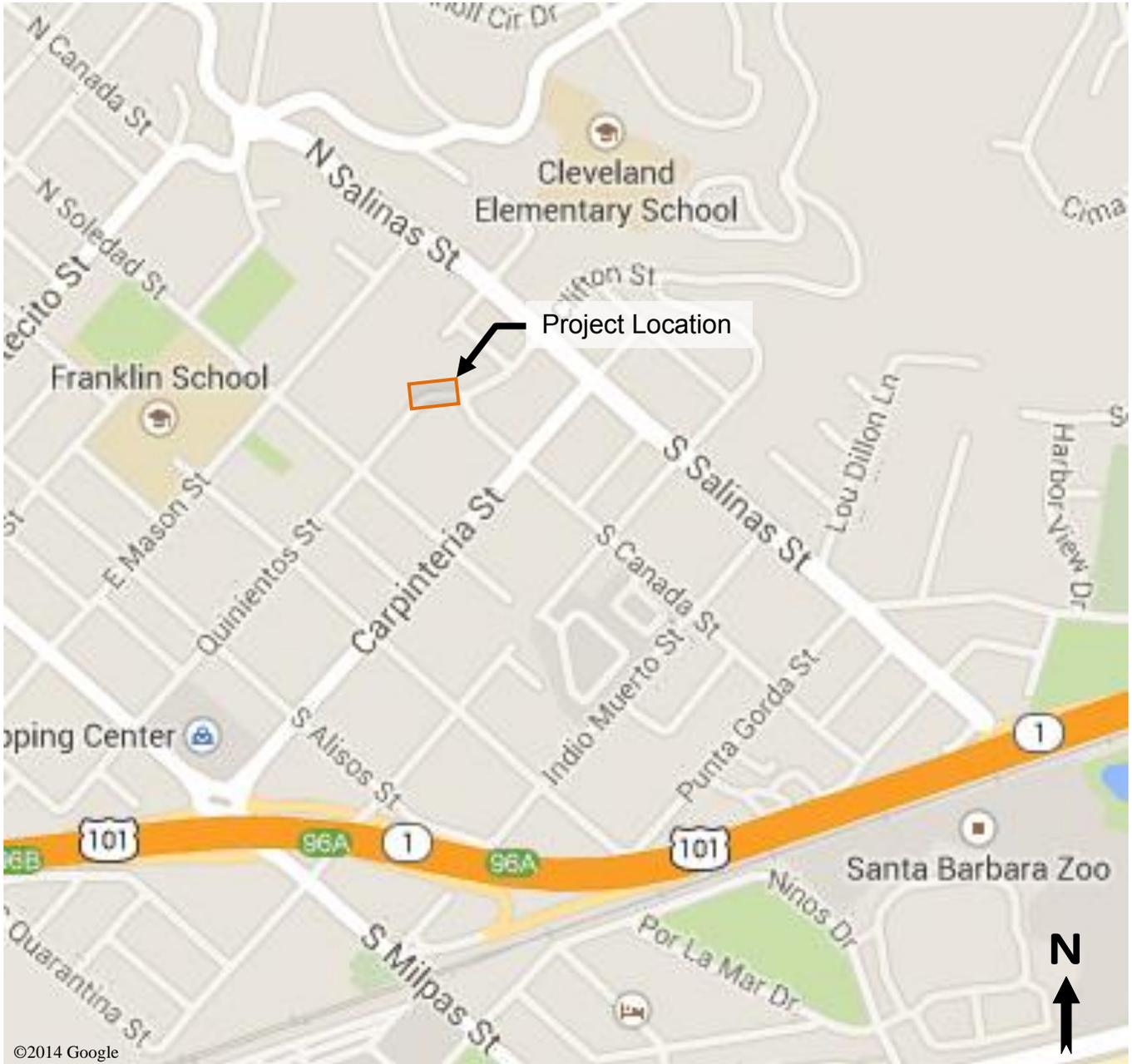
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SUBMITTED BY: Rebecca J. Bjork, Public Works Director

APPROVED BY: City Administrator's Office



City of Santa Barbara Quinientos Street Bridge Replacement Project



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Project Map