

**City of Culver City, California
Agenda Item Report**

Meeting Date: 04/11/11		Item Number: <u>C-5</u>	
CITY COUNCIL AGENDA ITEM: Approval of a Professional Services Agreement with IDC Consulting Engineers, Inc. for Preliminary Engineering Services for the Higuera Street Bridge Replacement/Rehabilitation Project, P-553			
Contact Person/Dept.: Sammy Romo/PW		Phone Number: 310-253-5619	
Fiscal Impact: Yes ☒ No ☐		General Fund: Yes ☐ No ☒	
Public Hearing: ☐		Action Item: ☐ Attachments: ☒	
Commission Action Required: Yes ☐ No ☒		Date: _____	
Public Notification: Meetings and Agendas – City Council (04/06/11); KPFF, CH2M Hill, CNS Engineers, IDC Consulting Engineers, Inc. by e-mail on (04/06/11)			
Department Approval: Charles D. Herbertson(04/05/11)		City Attorney Approval: Carol Schwab (by H. Baker) (04/05/11)	
Fiscal Impact Review: Jeff Muir (by K. Marsden) (04/06/11)		City Manager Approval: John M. Nachbar (04/06/11)	
<u>RECOMMENDATION:</u> Staff recommends that the City Council approve a professional services agreement with IDC Consulting Engineers, Inc. for preliminary engineering services for the Higuera Street Bridge Replacement/Rehabilitation Project, P-553, for a not-to-exceed amount of \$234,173. <u>BACKGROUND:</u> The Los Angeles County Department of Public Works (County) is contracted by the State of California (Caltrans) to perform bridge inspections in Los Angeles County every 2 years. In December 1999, the Higuera Street Bridge (Bridge) was determined by the County to be functionally obsolete due to its narrow width relative to the roadway width on both approaches to the Bridge. Taking this and other factors into consideration, the Bridge was determined to have a Sufficiency Rating (SR) of 72.9. According to the federal Highway Bridge Program (HBP), bridges with an SR less than 80 that are also either structurally deficient or functionally obsolete are eligible for federal Highway Bridge Replacement and Rehabilitation HBRR funds. Staff submitted an application to the federal HBP for funding for preliminary engineering to study the feasibility of bridge rehabilitation versus replacement. Caltrans (program manager of HBP) has recently authorized staff to perform additional preliminary engineering to determine the cost effectiveness of replacement versus widening and rehabilitation of the Bridge. If the cost to			

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rehabilitate the Bridge is at least 50% of the cost to fully replace the bridge, then Caltrans can authorize the City to fully replace the bridge.

DISCUSSION:

On December 28, 2010, a Request for Proposals (RFP) was sent to several known reputable bridge engineering firms as well as published on the City's website. Proposals were due February 16, 2011. Below is a list of the four engineering firms which submitted proposals in response to the RFP:

- IDC Consulting Engineers, Inc.
- CH2M Hill
- CNS Engineers, Inc.
- KPFF Consulting Engineers

The Engineering Services Manager, a Senior Civil Engineer, and an Associate Engineer (Project Manager) conducted a review of all the proposals and subsequently conducted interviews of two short listed firms. It was unanimously determined that IDC Consulting Engineer's (IDC) proposal and interview results showed that they are the most responsive and best qualified firm to provide preliminary engineering services on this project. IDC and its staff have extensive bridge design experience in similar projects throughout southern California.

Staff recommends that the proposal from IDC be approved since they have demonstrated by their proposal and during the interview process that they are the most qualified proposer while also offering a price that is fair, reasonable, and competitive. It is expected that the preliminary engineering will take approximately seven to nine months to complete. Upon completion and review by staff, the results of the preliminary engineering will be forwarded to Caltrans for their review and approval.

Upon review from Caltrans, staff will seek funding from the federal HBP Program for final design and construction of a new bridge.

The future improved widened and rehabilitated or replaced Bridge will include two travel lanes (one in each direction), bike lanes, sidewalks and will be designed to accommodate a bicycle ramp connection. Staff is seeking a grant from other sources to design and construct a bicycle ramp from the Bridge to create a new connection to the Ballona Creek bike path.

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FISCAL ANALYSIS:

The funding for the local match portion for this project is currently in account number 48793500 which has a balance of \$879,000. It is estimated that this amount is sufficient to cover the local match costs for preliminary engineering, final design, construction, construction management, inspection, and construction engineering.

The cost for preliminary engineering as stated in IDC's proposal is \$234,173, and the amount programmed by Caltrans is \$250,000. It is recommended that the City Council authorize the City Engineer to approve contract amendments/additions in an amount not-to-exceed \$15,827 (6.76%).

Assuming a final contract amount of \$250,000, the federal contribution would be \$221,325 (88.53%), and the City local match would be \$28,675 (11.47%).

ATTACHMENTS:

1. Copy of IDC Consulting Engineers' Proposal

MOTIONS:

That the City Council:

- 1) Approve a professional services agreement with IDC Consulting Engineers for preliminary engineering services for the Higuera Bridge Replacement/Rehabilitation Project, P-553 for a not-to-exceed fee amount of \$234,173; and,
- 2) Authorize the Public Works Director/City Engineer to approve Change Orders, if necessary, for an amount not-to-exceed \$15,827 (6.76% of \$234,173); and,
- 3) Authorize the City Attorney to review/prepare the necessary documents; and,
- 4) Authorize the City Manager to execute such documents on behalf of the City.