

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

Meeting Date: 05/13/13		Item Number: <u>C-2</u>	
CITY COUNCIL AGENDA ITEM: Approval of a Professional Services Agreement with IDC Consulting Engineers, Inc. for Final Design Services for the Higuera Street Bridge Replacement Project, P-553, BHLS 5240(026) in the Amount Not-to-Exceed \$960,700 (\$859,807 for the Base Contract and \$100,893 in Change Order Authority).			
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: (E-Mail) Agenda and Meetings – City Council (05/07/13); (E-Mail) IDC Consulting Engineers, Inc. (05/09/13); (E-Mail) ARUP (05/09/13)			
Department Approval: Charles D. Herbertson (05/02/13)		City Attorney Approval: Carol Schwab (by H. Baker) (05/07/13)	
Chief Financial Officer Approval: Jeff Muir (by M. Noller) (05/07/13)		City Manager Approval: John M. Nachbar (05/07/13)	
<u>RECOMMENDATION:</u> Staff recommends that the City Council approve a professional services agreement with IDC Consulting Engineers, Inc. for final design services for the Higuera Street Bridge Replacement Project, P-553, BHLS 5240(026) in the amount of \$859,807 (plus an additional \$100,893 for potential change orders for a total not-to-exceed amount of \$960,700). <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 Bridge was determined by the County to be functionally obsolete due to its geometric configuration relative to the street configurations on both approaches to the bridge. In addition the Sufficiency Rating (SR) for the bridge was determined to be 72.9. According to the federal Highway Bridge Replacement and Rehabilitation (HBRR) Program, bridges with an SR less than 80 and that are either functionally obsolete or structurally deficient are eligible for federal HBRR funds and with a City local funding match requirement of 20%. In 2001, the City of Los Angeles submitted an application to Caltrans to replace/rehabilitate the Higuera Street Bridge (8% of the bridge is in City of Los Angeles' right-of-way) through the HBRR Program. The City of Los Angeles was successful in their attempt to obtain authorization to fully replace the bridge, but subsequently deleted the project from their work plan. The authorization to replace the bridge then lapsed.			

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Culver City staff submitted an application to the federal Highway Bridge Program (HBP, formerly HBRR as mentioned above) after the local funding match requirement was reduced from 20% to 11.47%. Caltrans (program manager of HBP) authorized staff to perform preliminary engineering to determine the cost effectiveness of replacing versus rehabilitating the bridge. If the cost to 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.

On April 11, 2011, the City Council awarded a contract to IDC Consulting, Inc. to perform a preliminary engineering study on the bridge. The Preliminary Engineering Report determined that rehabilitation of the bridge would cost at least 50% of full replacement. As a result, the bridge was approved for full replacement by Caltrans. Subsequently, Caltrans authorized the City to seek a consultant to design the full removal and replacement of the bridge. HBP programmed the funding for the final design.

DISCUSSION:

On October 17, 2012, 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 November 29, 2012. The two engineering firms which submitted proposals were IDC Consulting Engineers, Inc. and ARUP. Below is a summary of the cost for design services as stated in the proposals.

Design Consultant and Cost	
IDC Consulting, Inc.	\$859,807
ARUP	\$964,751

The Public Works Director/City Engineer, Engineering Services Manager, Senior Civil Engineer, and Associate Engineer conducted a review of the proposals and subsequently conducted interviews of the two 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 final design services on this project. IDC and its staff have extensive bridge design experience in similar projects throughout southern California.

A community meeting was held to obtain input on the closure of the bridge during construction. There was no opposition stated at the meeting to the full closure of the bridge for removal and replacement.

Staff recommends the City Council approve the proposal from IDC. It is expected that the final design will take approximately twelve to eighteen months to complete.

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The bridge will be designed as a single span reinforced concrete bridge that is similar to the one that Metro constructed on National Boulevard. The new bridge design shall include 2 lanes in each direction with full width bike lanes and sidewalks. Community meetings will be conducted to obtain input on the final design components of the bridge such as bridge railing and lighting. Upon final review and approval from Caltrans, City staff will seek funding from the federal HBP Program for construction of a new bridge. Additionally, it should be noted that the design scope includes a new bike ramp to Ballona Creek. The design for this will be paid through a grant from the Baldwin Hills Conservancy (BHC). Staff has submitted an application to the recent Metro Call for Projects for construction of the new bicycle ramp.

These professional services are excepted from the bidding requirements per Culver City Municipal Code Section § 3.07.085.

FISCAL ANALYSIS:

Proposed Project Budget	
Funding Source	Amount
HBP Grant	\$797,390
Gas Tax (City Match) (41880000.730100.PZ553)	\$103,310
BHC Grant (42380000.730100.PZ964)	\$60,000
Total	\$960,700

The cost for final design services as stated in IDC's proposal is \$859,807, and the amount of federal and local funds programmed is \$960,700. It is recommended that the City Council authorize the Public Works Director/City Engineer to approve design change orders in an amount not-to-exceed \$100,893 (11.73%).

MOTIONS:

That the City Council:

- 1) Approve a professional services agreement with IDC Consulting, Inc. for final design services for the Higuera Bridge Replacement Project, P-553 in the amount of \$859,807; and,
- 2) Authorize the Public Works Director/City Engineer to approve change orders, if necessary, for an amount not-to-exceed \$100,893 (11.73% of \$859,807); and,
- 3) Authorize the City Attorney to review/prepare the necessary documents; and,

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4) Authorize the City Manager to execute such documents on behalf of the City.