

Agenda Report

August 27, 2018

TO: Honorable Mayor and City Council
FROM: Department of Transportation
SUBJECT: CONTRACT AWARD TO ITERIS INC. FOR CONSULTANT SERVICES TO DESIGN AND IMPLEMENT TRAFFIC SIGNAL SYNCHRONIZATION TIMING AS PART OF THE PASADENA ITS PHASE III PROJECT

RECOMMENDATION:

It is recommended that the City Council:

1. Find that the following proposed actions are exempt from review pursuant to the California Environmental Quality Act ("CEQA"), pursuant to State CEQA Guidelines Section 15061 (b) (3) (General Rule); and
2. Authorize the City Manager to enter into a contract with Iteris Inc., as the result of a competitive selection process, as set forth in Section 4.08.047 of the Pasadena Municipal Code, for an amount not to exceed \$122,705 for Consultant Services to Design and Implement Traffic Signal Synchronization Timing along Bicycle Detection Corridors.

BACKGROUND:

During the 2009 Los Angeles County Metropolitan Transportation Authority (Metro) Call for Projects, the City was granted funds for the Pasadena Intelligent Transportation Systems (ITS) Phase III Project, with the agreement between Metro and the City approved by City Council in October 2013. In summary, this grant funded project had three major objectives: To complete the fiber optics communication infrastructure; to enhance the Department of Transportation's (DOT's) Transportation Management Center (TMC) communication capabilities and to implement signal timing along key corridors involved in communication infrastructure enhancements. Since the construction for the enhancement of the DOT's communication infrastructure is finished and built, now it is time to design and implement corresponding signal timing to key arterials along DOT's traffic signal network identified in the Funding Agreement CFP#3302 (FA#3302) contract with Metro.

Under the Pasadena ITS Phase III, key corridors to for signal timing analysis and implementation are as following:

- Marengo Avenue (at Villa St, Maple St, Corson St, Walnut St, Holly St and Union St) Los Robles Avenue (at Mountain St, Orange Grove Bl and Villa St)
- Allen Avenue (at Casa Grande, Mountain St, Orange Grove, Villa St, Maple St, Corson St, and Walnut St)
- Sierra Madre Boulevard (at Maple St, Corson St/ La Tierra and Walnut St)
- San Gabriel Boulevard (at Del Mar Bl, San Pascual St and California Bl)
- Rosemead Boulevard (at Greenhill St, Halstead St, Orange Grove Bl, Sierra Madre Bl and Sierra Madre Villa/ NY Dr)
- Orange Grove Boulevard (at Holly St, Colorado Bl and Green St)

CONSULTANT SELECTION

The City released a Request for Proposal (RFP) for Consultant Services to Implement Traffic Signal Synchronization for the Pasadena ITS Phase II Project on April 18, 2018; three firms submitted complete and responsive proposals by the due date of May 22, 2018.

The evaluation committee comprised of a Principal Engineer from the Public Works Department, a DOT traffic operations staff, and a Principal Traffic Engineer from the City of Arcadia, CA. The evaluation was conducted based on the stated evaluation criteria set forth in the RFP. In addition, none of the firms are established locally in Pasadena.

Based on the panel's review, all of the proposers are well experienced and qualified to perform this project. However, Iteris Inc. scored higher in the areas of Project approach, Project Understanding and Experience. These higher scores produced an overall higher ranking score over all others. Iteris, Inc. demonstrated thorough analysis of each corridor using the software specified in the RFP and is leveraging additional company resources and their familiarity with the City through previous and current related City projects which provides cost efficiencies. Furthermore, Iteris, Inc. is a company which the City has successfully conducted business with in the past and have demonstrated diligent, responsible and notable professionalism while fulfilling their contractual commitments, which in the past three years have included two contracts totaling \$467,061 in compensation.

The list of consultants who participated in this RFP process including their location can be found as Attachment A.

COUNCIL POLICY CONSIDERATION:

This project supports the City Council strategic goal to maintain and enhance mobility by promoting non-auto travel including bicycle and pedestrian facilities. The project protects neighborhoods by discouraging traffic from intruding into community

neighborhoods. Further, the benefits rendered by successful completion of this project are consistent with goals set forth in the Mobility Element of the General Plan and the Department's mission statement.

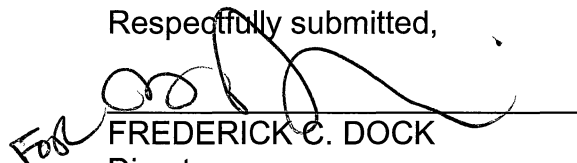
ENVIRONMENTAL ANALYSIS:

The City's Environmental Administrator has determined the project is categorically exempt under the California Environmental Quality Act ("CEQA") Guidelines in Section 15061 (b) (3), the General Rule. The proposed action is to provide staffing of the Traffic Management Center during special events. The activity is covered by the general rule that CEQA only applies to projects that have a potential for causing a significant effect on the environment. A Notice of Exemption for the project will be filed with the Los Angeles County Clerk before the end of this month, as required. In addition, there are no changed circumstances or new information which would require further environmental review.

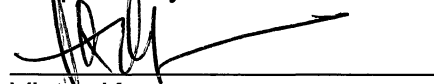
FISCAL IMPACT:

The maximum cost under this contract will be an amount not to exceed \$122,705 – corresponding to \$111,550 as the base contract plus \$11,155 set aside as a contingency (approximately 10%) for any unforeseen project costs and for the contract administration and staff project implementation costs borne by the Department of Transportation. As previously stated the funding source is CIP 75911 Pasadena ITS Phase III which contains an overall funding amount of \$5,293,564 (corresponding to 80% Metro funds and 20% local funds) as established by MOU between Metro and the City and as approved by City Council action in October of 2013.

Respectfully submitted,


FREDERICK C. DOCK
Director
Department of Transportation

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Approved by:


STEVE MERMELL
City Manager

Attachment:

Attachment A – Summary of Evaluation