



CITY COUNCIL STAFF REPORT



April 26, 2022

ITEM TITLE

Contract Award: Award a Contract to Iteris, Inc. to Perform Traffic Signal Retiming Services

Report Number: 22-0107

Location: East of I-805

Department: Engineering

Environmental Notice: The Project qualifies for a Class 1 Categorical Exemption pursuant to Section 15301 (Existing Facilities) of the California Environmental Quality Act State Guidelines.

Recommended Action

Adopt a resolution awarding a professional services contract to Iteris, Inc. to perform traffic signal retiming services for the portion of Chula Vista generally east of Interstate 805.

SUMMARY

After undergoing a Request for Proposal solicitation process, Staff has selected Iteris, Inc. to provide professional services for the retiming of 99 traffic signal locations generally located east of Interstate 805 as part of CIP TRF0400 (the "Project"; Attachment 1). The Project will update signal timing standards at all project locations and improve signal coordination along key corridors which will enhance safety and improve travel times for road users in the City of Chula Vista.

ENVIRONMENTAL REVIEW

The Director of Development Services has reviewed the proposed project for compliance with the California Environmental Quality Act (CEQA) and has determined that the project qualifies for a Class 1 Categorical Exemption pursuant to Section 15301 (Existing Facilities) of the State CEQA Guidelines because the project involves negligible or no expansion of an existing use. Thus, no further environmental review is required.

BOARD/COMMISSION/COMMITTEE RECOMMENDATION

Not applicable.

DISCUSSION

The Project was initiated to address recent changes to the California Manual on Uniform Traffic Control Devices (CA-MUTCD). The manual specifies provisions in signal timing standards of yellow/red clearance times and pedestrian “WALK” and “DON’T WALK” intervals. The Project will implement these standards at 99 traffic signals on the easterly portions of the City (CIP TRF0404 updated the timing at a majority of the traffic signals in the westerly portions of the City).

This work will ensure the subject intersections’ signal timing is up to current standards in order to enhance safety and improve the efficiency and flow of traffic in the City. As part of the Project, the timing of the pedestrian phases which include the “WALK” and “DON’T WALK” intervals will be reviewed and updated, if needed, to provide sufficient time for pedestrians to begin crossing and finish crossing the street. The yellow times will also be reviewed and updated to ensure that minimum State standards are met providing adequate warning to motorists that their green interval is terminating, and right-of-way assignment is about to change. In addition, the red clearance interval, which follows the yellow interval, will also be reviewed and updated, if recommended, at these 99 intersections. The updated signal timing parameters are expected to enhance safety and improve efficiency at the Project locations.

The Project also includes a comprehensive analysis of the current timing along major corridors east of I-805. The Project will improve the coordination between signals along major streets and therefore represents benefits to some of the City’s most heavily traveled corridors such as East H Street, Telegraph Canyon Road, Otay Lakes Road, and Olympic Parkway. These streets represent critical travel routes for Chula Vista residents commuting to and from the freeway and to the eastern extents of Chula Vista. Optimizing the coordination of signals will help improve traffic flow and reduce stops and delays for motorists. Fewer stops, less vehicle idling, and improved traffic flows will result in fewer Greenhouse Gas (GHG) emissions in direct support of the City’s Climate Action Plan.

To achieve the objectives of the Project, Staff advertised a Request for Proposals (RFP) for services on December 10, 2021, in accordance with Chula Vista Municipal Code Section 2.56.110. On January 19, 2022, the City received five (5) proposals from the following interested firms:

Ranking	Consulting Firm
1	Iteris
2	STC Traffic
3	Advantec
4	TJKM
5	KOA

A selection committee evaluated and scored each proposal, and determined that Iteris, Inc. was the most qualified to complete the Project. Therefore, Staff recommends awarding the subject contract to Iteris, Inc.

DECISION-MAKER CONFLICT

Staff has reviewed the property holdings of the City Council and has found that, Mayor Casillas Salas has real property holdings within 1,000 feet, but beyond 500 feet, of the boundaries of the property which is the subject of this action. Staff has determined that, pursuant to California Code of Regulations Title 2, sections 18700 and 18702.2(a)(8), this item does not present a disqualifying real property-related financial conflict of interest under the Political Reform Act (Cal. Gov’t Code § 87100, et seq.) for the above-identified member.

Staff is not independently aware, and has not been informed by any City Council member, of any other fact that may constitute a basis for a decision-maker conflict of interest in this matter.

CURRENT-YEAR FISCAL IMPACT

Sufficient funding to cover this contract and City staff costs is included in capital improvement project TRF0400. Therefore, there is no additional impact to the TransNet and Traffic Signal Fund. Project costs are summarized below:

FUNDS REQUIRED FOR PROJECT (TRF0400)	
A. Contract Amount	\$355,729
B. Traffic Engineering Staff Costs	\$25,879
Total Funds Required to Complete Project	\$381,608

AVAILABLE FUNDING (TRF0400)	
TransNet - TRF0400	\$271,649
Traffic Signal - TRF0400	\$109,959
TOTAL FUNDS AVAILABLE FOR CONSTRUCTION	\$381,608

ONGOING FISCAL IMPACT

Upon completion of the project, the improvements will require only routine City operation and maintenance efforts.

ATTACHMENTS

1. Project Location Map
2. 2-Party Agreement

Staff Contact: Paul Oberbauer, Senior Civil Engineer, Department of Engineering and Capital Projects