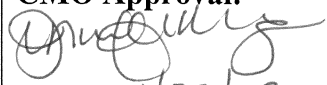


**CITY COUNCIL ACTION REQUEST**

<b>Department(s):</b> Finance	<b>CEQA:</b> Not a Project, File No. PP17-003, Agreements/Contracts (New or Amended) resulting in no physical changes to the environment.	<b>Coordination:</b> DOT, CAO, CMO - Budget Office	<b>Dept. Approval:</b> /s/ Julia Cooper
<b>Council District(s):</b> Citywide			<b>CMO Approval:</b>  11/22/19

**SUBJECT: ACTIONS RELATED TO THE PURCHASE ORDER FOR MODULAR VIDEO DETECTION SYSTEMS**

**RECOMMENDATION:**

Adopt a resolution authorizing the City Manager to:

1. Execute a Purchase Order with Iteris (Santa Ana, CA) for the purchase of Modular Video Detection Systems, including hardware, software, and maintenance for the twelve-month period, starting on or about December 4, 2019 and ending on December 3, 2020, with maximum compensation not to exceed \$720,000; and
2. Exercise up to four additional one-year options to extend the term of the purchase order after the initial term with the last option year ending on or about December 3, 2024, to purchase additional systems and provide ongoing maintenance and support, subject to the appropriation of funds.

**Desired Outcome:** To optimize vehicle traffic flow by improving the performance of traffic signals.

**BASIS FOR RECOMMENDATION:**

The Department of Transportation seeks to purchase Modular Video Detection Systems (Systems) to optimize vehicle traffic flow, improve travel time, and enhance safety for motorists, bicyclists, and pedestrians. The Systems shall be used at signalized intersections and works by detecting vehicles and communicating with the traffic signal controller to ignore a side street approach if no cars are present or extend the green light run time if cars are approaching the intersection. Each system includes a video detection camera, hardware, software, and a Closed-Circuit Television Light Emitting Diode monitor. The detection hardware will be mounted on traffic poles versus embedded in pavement, allowing easier access and reduced maintenance. Additional functionality provided include remote video monitoring and the collection of vehicle speed data and counts of vehicles, bicycles, and pedestrians. The City's existing third-party maintenance contractor, Bear Electrical Solutions, or the Department of Transportation's maintenance group will conduct the installation of the Systems.

A competitive Request for Bid was facilitated by the Finance Department to procure these Systems. One bid was received, with no protests. Staff reached out to other companies who downloaded the bid to understand why they elected not to submit a bid. One company expressed interest in submitting a bid but did not request a bid extension. Another company stated it would have submitted a bid if installation was included in the scope of work. A third company did not bid because it was unfamiliar with some of the equipment specified by the City. Staff recommends award to Iteris as the sole responsive, responsible bidder pursuant to the bidding procedures of the San Jose Municipal Code, Section 4.12.310B.

Climate Smart San Jose: The recommendation in this memo has no effect on Climate Smart San José energy, water, or mobility goals.

Commission Recommendation/Input: There is no commission recommendation or input associated with this action.

This council item is consistent with the City's 2019-2020 Adopted Budget City Areas Delivery Framework:  
"To provide the community with safe, secure, and efficient surface and air transportation systems that support San Jose's livability and economic vitality.

**COST AND FUNDING SOURCE:**

Fund #	Appn #	Appn. Name	Total Appn.	Amt. for Recommendation	2019-2020 Adopted Budget Page	Last Budget Action (Date, Ord. No)
465	407Z	Pavement Maint - Comp ST PRJ	\$2,217,000	\$720,000	V-853	6/18/2019, 30289

**FOR QUESTIONS CONTACT:** Jennifer Cheng, Deputy Director of Finance, (408) 535-7059