


CITY COUNCIL ACTION REQUEST

Department(s): Finance	CEQA: Not a Project, File No. PP17-003, Agreements/Contracts (New or Amended) resulting in no physical changes to the environment	Coordination: Department of Transportation, City Attorney's Office, and City Manager's Budget Office	Dept. Approval: /s/ Julia H. Cooper
Council District(s): Citywide			CMO Approval:  1/19/23

SUBJECT: FIRST AMENDMENT TO THE AGREEMENT WITH ECONOLITE SYSTEMS, INC. FOR AN AUTOMATED TRAFFIC SIGNAL PERFORMANCE MEASURES SYSTEM

RECOMMENDATION:

Adopt a resolution authorizing the City Manager to:

- (a) Negotiate and execute the First Amendment to the Agreement with Econolite Systems, Inc. (Anaheim, CA) for an Automated Traffic Signal Performance Measures System to add professional services for mobility modifications and increase maximum compensation by \$11,870 for a revised not to exceed amount of \$248,637 for the three-year initial term ending September 30, 2023.
- (b) Negotiate and execute amendments and change orders as required for any unanticipated changes for an additional contingency of \$50,000 during the initial term, subject to the appropriation of funds.

Desired Outcome: Approval of this recommendation provides the Department of Transportation with the ability to incorporate additional bicycle-specific performance metrics into the Automated Traffic Signal Performance Measures System, as well as increases contingency to support future additional intersections and software enhancements as required.

BASIS FOR RECOMMENDATION:

In September 2020,¹ City Council authorized the City Manager to execute an agreement with Econolite Systems, Inc. to deploy an Automated Traffic Signal Performance Measures System which provides cost-effective performance measurements of traffic signals that can be used to assess and improve travel time reliability, reduce delays, and improve safety. City Council authorization also included a contingency amount of \$24,000, subject to the appropriation of funds. Since this time, two change orders have been executed to the Agreement to add additional intersections and metrics, drawing down on the available contingency by \$15,550.

Staff requests City Council authorization to negotiate and execute the First Amendment to the Agreement to expand bicycle performance metrics to include congestion delay, control delay, and red light running. These additional bicycle-related signal performance measures will allow the Department of Transportation to proactively identify and mitigate travel delays for bicyclists and improve movement through coordinated signalized intersections. Delivery and implementation of these signal performance measures is estimated to be completed by March 30, 2023. Additionally, staff requests an additional contingency of \$50,000, subject to the appropriation of funds, for future enhancements and intersections as required during the initial three-year term ending September 30, 2023.

Approval of this recommendation authorizes staff to (1) negotiate and execute the First Amendment to the Agreement with Econolite Systems, Inc. to provide bicycle mobility enhancements and (2) negotiate and execute future amendments and change orders during the initial term for unanticipated changes for a total

¹September 2020 City Council Memorandum:

<https://sanjose.legistar.com/View.ashx?M=F&ID=8780482&GUID=4060EE7C-C902-4567-B48E-BB3E1039DFEB>

contingency amount not to exceed \$74,000 during the initial three-year term, subject to the appropriation of funds.

Climate Smart San José: The recommendation in this memorandum aligns with one or more Climate Smart San José energy, water, or mobility goals.

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

This action is consistent with the City's 2022-2023 Adopted Operating Budget, specifically the Service Delivery Framework for the City Service Area pertaining to Transportation and Aviation Services: 1) provide viable transportation choices that promote a strong economy; 2) travelers have a positive, reliable, and efficient experience; and 3) preserve and improve transportation assets and facilities.

COST AND FUNDING SOURCE:

Fund #	Appn #	Appn Name	Total Appn	Amt. for Contract	2022-2023 Adopted Operating Budget Page	Last Budget Action (Date, Ord. No.)
429	410K	Auto Traff Signal Perm Measures	\$557,000	\$11,870	1114	10/18/22, 30833

FOR QUESTIONS CONTACT: For program-related questions, please contact Lily Lim-Tsao, Deputy Director of the Department of Transportation, at lily.lim-tsao@sanjoseca.gov. For procurement- and contract-related questions, please contact Luz Cofresi-Howe, Assistance Director of Finance, at luz.cofresi-howe@sanjoseca.gov.