



**TOWN OF LOS GATOS
COUNCIL AGENDA REPORT**

MEETING DATE: 6/2/2020

ITEM NO: 11

DATE: May 22, 2020
TO: Mayor and Town Council
FROM: Laurel Prevetti, Town Manager
SUBJECT: Authorize the Town Manager to Negotiate and Execute an Agreement with Econolite Systems, Inc. in an Amount Not to Exceed \$581,649 for the Adaptive Signal Control and Advanced Traffic Management Systems for the Los Gatos Smart Signals Project (Project #813-0227 Traffic Signal Modernization)

RECOMMENDATION:

Authorize the Town Manager to negotiate and execute an agreement with Econolite Systems, Inc. in an amount not to exceed \$581,649 for the Adaptive Signal Control and Advanced Traffic Management Systems for the Los Gatos Smart Signals Project (Project #813-0227 Traffic Signal Modernization).

BACKGROUND:

Town staff began the Los Gatos Smart Signals Project in 2018, which will upgrade a total of 31 traffic signals owned by the Town and enhance the system with state-of-the-art technologies. The project is funded by the Town's Traffic Mitigation Fee program and three grants from the Santa Clara Valley Transportation Authority (VTA) and the Metropolitan Transportation Commission (MTC), for a total cost of approximately \$2.9 million.

At its December 19, 2019 meeting, the Town Council authorized the Town Manager to proceed with a multi-step procurement process. Subsequently, staff issued two Requests for Proposals (RFPs), one for Adaptive Signal Control and Advanced Traffic Management Systems (ATCS-ATMS) and the other for the design for the field improvements. This Council item addresses the ATCS-ATMS vendor contract. The contract for the design for the field improvements was approved by the Town Council at its May 19, 2020 meeting.

PREPARED BY: YING SMITH
Transportation and Mobility Manager

Reviewed by: Town Manager, Assistant Town Manager, Town Attorney, Finance Director, and Parks and Public Works Director

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DISCUSSION :

The Town released the RFP on December 20, 2019 and closed it on January 28, 2020. The RFP was posted on the Town’s website and sent to potential consultants. A total of five proposals were received from consulting teams and all of them were determined to be responsive. Town staff interviewed the top three teams and selected Econolite Systems, Inc. as the most qualified firm.

The selected vendor is required to implement the Los Gatos Smart Signals Adaptive Signal Control and Advanced Traffic Management Systems project. Among the project elements, the team is expected to provide: traffic signal cabinet inventory to confirm adequacy of cabinet and components that will interface with the proposed System; system mapping and configuration; transfer of traffic signal timing; furnishing, testing, programming, and installation of communications equipment and traffic signal controller units; comments on design work by others of fiber optic and copper cable communications equipment and video detection systems; and training of Town staff in system setup and operation, project management, ongoing system support, and quality control.

The entire Smart Signals project procurement process is illustrated in Table 1 with details of the individual project elements and actions. This contract will fulfill Step 1 of the process and will be funded by the federal grant from MTC and the regional grant from VTA. The procurement process and contract comply with federal contracting requirements.

Table 1 - Los Gatos Smart Signals Project Procurement Approach and Steps

Step	Scope & Project Element	Cost: Estimate or <u>Actual</u>	Fund Source	Procurement
1	Adaptive Signal Control and Advanced Traffic Management Systems (ATCS-ATMS)	<u>\$581,649</u>	Local and Federal	RFP
2	Signal Controller Upgrade	\$163,680	Non-Federal	Sole Source
3	Automated Traffic Signal Performance Measures Virtual Bike Detection	\$537,804	Federal	RFP
4	Design of field elements	<u>\$135,390</u>	Non-Federal	RFP
5	Construction of field elements	\$449,064	Federal	Bid
Total for Procurement		\$1,867,587		

Note: Cost estimates are preliminary and do not include contractual project management costs.

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CONCLUSION:

Authorize the Town Manager to execute the agreement which will allow the procurement of software and hardware to move forward for the ATCS-ATMS portion of the Los Gatos Smart Signals Project.

COORDINATION:

This report was coordinated with MTC staff, the Town Attorney, and the Finance Department.

FISCAL IMPACT:

Project #813-0227 Traffic Signal Modernization in the Capital Improvement Program Budget (Fiscal Year 2019/20 – 2023/24) has sufficient funds for the contract.

Traffic Signal Modernization Project 813-0227		
	Budget	Costs
Grant Fund	\$1,826,400	
Traffic Mitigation	\$688,262	
Total Project Budget	\$2,514,662	
Prior Year Expenditures		\$63,975
Expended/Encumbered FY 19/20		\$118,007
Design of Field Elements (Iteris)		\$135,390
ATCS-ATMS vendor contract (Econolite)		\$581,649
Staff Costs		\$98,783
Project Costs Committed		\$997,804
Available Balance		\$1,516,858

ENVIRONMENTAL ASSESSMENT:

This action is not a project as defined under CEQA. The Smart Signals project is a project as defined under the California Environmental Quality Act (CEQA) and is Categorically Exempt under Section 15301: Existing Facilities. A Notice of Exemption will be filed.

ATTACHMENT:

1. Draft Agreement with Econolite Systems, Inc.