



Agenda Report

July 9, 2018

TO: Honorable Mayor and City Council

FROM: Department of Transportation

SUBJECT: CONTRACT AWARD TO ECONOLITE SYSTEMS, INC. FOR INTELLIGENT TRANSPORTATION SYSTEM (ITS) DEVICE MAINTENANCE SERVICES

RECOMMENDATION:

It is recommended that the City Council:

1. Find this action is exempt from the California Environmental Quality Act (CEQA) pursuant to State CEQA Guidelines Section 15061 (b) (3), Review for Exemption; and
2. i) Accept the bid dated May 16, 2018 from Econolite Systems Inc. for maintenance Services for Intelligent Transportation System (ITS) Devices; ii) reject all other bids; and iii) authorize a contract for a three year term in an amount not to exceed \$226,536 (\$75,512 a year), which include a 10% contingency.

BACKGROUND:

The Department of Transportation, through the Transportation Management Center, strives to constantly enhance transportation safety and mobility with the use of all emerging technologies that would assist in supporting those goals. Many of the City's ITS elements that were implemented over 15-years ago and are still in place and operating today.

Currently, the City has over 345 traffic signals with 42 closed circuit television camera (CCTV) systems, over 100 video detection systems, and approximately 25 miles of fiber optic communication. This contract allows the traffic management functionality to be maintained for day-to-day functions and also during special events, incidents on the freeway, construction detours, and other nonrecurring events.

Staff prepared specifications in accordance with Section 4.08.060 of the Pasadena Municipal Code. On May 3, 2018, a Notice Inviting Bids was published in the *Pasadena Journal*, and posted on the City's website via PlanetBids. The City's website posting

generated notices to 1,293 vendors, bid documents downloaded by 33 vendors, and the following vendors submitted their bids on May 16, 2018:

1) Econolite Systems, Inc. Anaheim, CA	\$205,942
2) Crosstown Electrical & Data, Inc., Irwindale, CA	\$223,865
Engineers Estimate	\$170,905

The lowest bid received is \$205,942 by Econolite Systems, Inc. and is 17 percent higher than the Engineer's Estimate of \$170,905. The costs used to develop the Engineer's Estimate were based on the average cost of bids received for similar previous projects.

Staff recommends awarding the maintenance services contract to Econolite Systems, Inc., the lowest responsive and responsible bidder, for a three year term in an amount not to exceed \$226,536 (\$75,512 a year), includes a 10% contingency. Econolite Systems, Inc. will provide maintenance services for ITS devices, including fiber optic cable, Ethernet switches, video detection cameras, CCTV cameras, wireless ITS devices and communication equipment.

The proposed contract with Econolite Systems, Inc. fully complies with Chapter 4.08 (Competitive Bidding and Purchasing) of the Pasadena Municipal Code. Staff also verified with the Contractors State License Board that the license for Econolite Systems, Inc. is current and active. Econolite Systems, Inc. has not previously contracted directly for work with the City of Pasadena but has worked on City projects as a subcontractor. The value of Econolite Systems, Inc. work on City contracts is not readily available.

COUNCIL POLICY CONSIDERATION:

This project is consistent with the City Council's goals to improve, maintain and enhance public facilities and infrastructure, to improve mobility and accessibility throughout the City, and increase conservation and stability. This project is consistent with the General Plan Mobility Element Objective 4.1, objectives 3 and 4, by improving and stabilizing the flow of traffic on established mobility corridors, thus assisting in protecting neighborhoods by discouraging traffic from passing through neighborhoods, and manage multimodal corridors to improve citywide transportation services.

ENVIRONMENTAL ANALYSIS:

The action is categorically exempt under the California Environmental Quality Act (CEQA) in accordance with Section 15061 (b) (3), Review for Exemption, where it can be seen with certainty that there is no possibility that the activity in question may have a significant effect on the environment.

FISCAL IMPACT:

The total cost of this action is \$226,536, includes a 10% contingency. Funding for this action will be addressed by the utilization of existing FY 2019 budgeted and future planned appropriations in the Department of Transportation's Operating Budget (1012403-811400) and the ITS Equipment Upgrade/Replacement Capital Project (CIP 75906).

The following table represents the project cost summary:

Base Contract	\$	205,942
Contract Contingency (10%)	\$	20,594
Total Contract Amount	\$	226,536
Contract Administration	\$	22,500
Total Project Amount	\$	249,036

The following table presents a summary of the sources of funds that will be used for the contract amount by fiscal year:

Funding Sources	FY 2019	FY 2020	FY 2021	Total
Base Contract				
ITS Equipment Upgrade Replacement CIP (CIP 75906)	\$25,000	\$25,000	\$25,000	\$75,000
Department of Transportation's Operating Budget (10124003-811400)	\$43,647	\$43,647	\$43,648	\$130,942
Contract Contingency (10%)				
Department of Transportation's Operating Budget (10124003-811400)	\$6,865	\$6,865	\$6,864	\$20,594
Total	\$75,512	\$75,512	\$75,512	\$226,536

The cost of managing this project, identified as Contract Administration in the total amount of \$22,500 (\$7,500 per year), has been programmed in the Department of Transportation's annual operating budget.

Respectfully submitted,



FREDERICK C. DOCK
 Director
 Department of Transportation

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