

Agenda Report

July 12, 2021

TO: Honorable Mayor and City Council

FROM: Department of Transportation

**SUBJECT: CONTRACT AWARD TO CROSSTOWN ELECTRICAL & DATA, INC.
FOR MAINTENANCE SERVICES FOR INTELLIGENT
TRANSPORTATION SYSTEM (ITS) DEVICES**

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); and
2. i) Accept the bid dated May 6, 2021, submitted by Crosstown Electrical & Data, Inc. in response to the specifications for the Maintenance Services for Intelligent Transportation System (ITS) Devices Project; ii) reject all other bids received; and iii) authorize the City Manager to enter into a contract for a one-year term with two optional one-year extensions subject to the approval of the City Manager in an amount not to exceed \$253,000, which includes the base contract amount of \$76,408 for one year (\$229,225 for three years including the two optional one-year extensions) and a contingency of \$23,775 to provide for any necessary change orders.

BACKGROUND:

The Department of Transportation, through the Transportation Management Center (TMC), applies advanced traffic monitoring technologies and traffic signal equipment to enhance transportation safety and mobility. The City uses many intelligent transportation system (ITS) devices that were installed over 15 years ago and are still operating in the field today.

The City currently operates approximately 350 traffic signals, 45 closed circuit television camera (CCTV) systems, and over 100 video detection systems, all connected using approximately 25 miles of fiber optic communication cable.

This contract will allow traffic management functionality to be maintained for day-to-day operations, special events, freeway incidents, construction detours, and other emergency scenarios. Services also include for the maintenance of CCTV cameras at existing

citywide locations, traffic signal equipment, fiber optic cable, and the troubleshooting of video detection systems. The previous ITS maintenance contract expired on June 30, 2021.

SELECTION PROCESS:

The Department of Transportation specifications for this project were drafted in accordance with Section 4.08.070 of the Pasadena Municipal Code. On April 22, 2021, the Notice Inviting Bids for Maintenance Services for Intelligent Transportation System (ITS) Devices was published in the paper and posted on PlanetBids. The posting generated notices to all vendors who have previously registered with the City for this particular commodity class. A total of 16 vendors downloaded the Specifications, including one local vendor. A total of two bids were received by the bid opening date, none from local firms. This project is for specialized services and requires a C-7 Low Voltage Systems Contractor license, of which there are few vendors. A mandatory pre-bid conference was held on April 29, 2021.

Following advertising, bids were received on May 6, 2021, as follows:

| Bidder | Amount (\$) |
|--|-------------|
| 1. Crosstown Electrical & Data., Inc., Irwindale | 229,225 |
| 2. Econolite Systems, Inc., Anaheim | 240,161 |

It is recommended that Crosstown Electrical & Data, Inc. (Crosstown) be awarded the maintenance service contract for ITS devices as they are the lowest responsive and responsible bidder. Crosstown is able to provide maintenance services for ITS devices, which includes fiber optic cables, ethernet switches, video detection cameras, CCTV cameras, and wireless ITS devices. The proposed contract with Crosstown fully complies with the City's Competitive Bidding and Living Wage Ordinances. Crosstown attended the mandatory pre-bid conference and submitted the required electronic bid bond for the project. Staff also verified with the Contractors State License Board that Crosstown possesses a C-10 Electrical Contractor license, which supersedes the C-7 Low Voltage Systems Contractor license requirement for the bid. In the past five years, Crosstown has completed work for the City's Department of Public Works and the Department of Transportation with favorable and positive outcomes. Crosstown has worked on other projects in the City as a primary contractor and also as a sub-contractor.

COUNCIL POLICY CONSIDERATION:

This project is consistent with the City Council's goals to improve, maintain, and enhance public facilities and infrastructure and to improve mobility and accessibility in the City. This project is also consistent with the General Plan Mobility Element section 4.1 by stabilizing and improving traffic flow on existing mobility corridors. Maintaining existing traffic signal and communication infrastructure improves citywide transportation services by ensuring corridors in the City remain in operation and by reducing traffic in neighborhood streets.

ENVIRONMENTAL ANALYSIS:

The project has been reviewed for compliance with the California Environmental Quality Act (CEQA) and is exempt per Section 15061 (b) (3). The project is covered by the general rule that CEQA only applies to projects that have the potential for causing a significant effect on the environment. The maintenance and purchase of traffic signal equipment will not result in any significant effect on the environment.

FISCAL IMPACT:

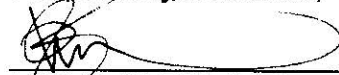
The total amount of this contract is \$253,000. The following table represents the contract summary:

| | |
|------------------------------|-------------------|
| Base Bid | \$ 229,225 |
| Contingency Allowance (~10%) | \$ 23,775 |
| Total Contract Amount | \$ 253,000 |

Funding for this action will utilize budgeted appropriations in the Department of Transportation's Operating Budget (1012403-811400) and future appropriations in the Capital Improvement Program for Intelligent Transportation System (ITS) Equipment Upgrades/Replacement – FY 2021-2025 (CIP 75117). The following table represents a summary of the sources of funds that will be used by fiscal year:

| Funding Source | FY 2022 | FY 2023 | FY 2024 | Total |
|---|-----------------|-----------------|-----------------|------------------|
| Intelligent Transportation System (ITS) Equipment Upgrades/Replacement – FY 2021-2025 CIP (CIP 75117) | \$50,000 | \$50,000 | \$50,000 | \$150,000 |
| Department of Transportation's Operating Budget (1012403-811400) | \$34,333 | \$34,333 | \$34,334 | \$103,000 |
| Total | \$84,333 | \$84,333 | \$84,334 | \$253,000 |

Respectfully submitted,



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Director

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