



Agenda Report

February 22, 2021

TO: Honorable Mayor and City Council

FROM: Department of Public Works

SUBJECT: CONTRACT AWARD TO COMET ELECTRIC, INC., FOR INTELLIGENT TRANSPORTATION SYSTEM PHASE 1 – VIDEO DETECTION SYSTEM AND FIBER OPTIC COMMUNICATION, FEDERAL AID PROJECT HPLUL - 5064 (091) FOR AN AMOUNT NOT TO EXCEED \$380,000

RECOMMENDATION:

It is recommended that the City Council:

1. Find the project proposed herein to be categorically exempt under the California Environmental Quality Act (CEQA) Guidelines in accordance with Title 14, Chapter 3, Article 19, Section 15301, Class 1, minor alterations of existing public facilities involving negligible or no expansion of use beyond that previously existing at the time of the lead agency's determination, and find that there are no features that distinguish this project from others in the exempt class, and therefore, there are no unusual circumstances; and
2. i) Accept the bid dated December 2, 2020, submitted by Comet Electric, Inc., in response to the project plans and specifications for Intelligent Transportation System Phase 1 - Video Detection System and Fiber Optic Communication project, ii) reject all other bids, and iii) authorize the City Manager to enter into a contract for an amount not to exceed \$380,000, which includes the base contract amount of \$332,175 and a contingency of \$47,825 to provide for any necessary change orders.

BACKGROUND:

This project consists of the installation of fiber optic communication lines along San Gabriel Boulevard and video infrastructure detection systems (VIDS) at 21 intersections.

The installation of underground fiber optic communication lines on San Gabriel Boulevard is between La Tierra Street and Colorado Boulevard, including the intersections at Foothill Boulevard and Walnut Street. This work includes the installation of conduits, pull boxes, fiber optic equipment and cables necessary to complete a critical communications link and gap closure along San Gabriel Boulevard as identified in the Intelligent Transportation System (ITS) portion of the National

Transportation Bill HR 5394 (Rogan Projects). This fiber optic communication project will support expansion of the current traffic control system and lay the groundwork to support future advances in ITS technology that demand a higher bandwidth.

The second part of the project includes installation of communication infrastructure at 21 existing signalized intersections located along Fair Oaks Avenue, California Boulevard, Raymond Avenue, Washington Boulevard and Arroyo Parkway. These intersections are currently equipped with analog video detection cameras, and the upgraded communications equipment will allow for the conversion of the analog feeds to a digital format for use at the Traffic Management Center at City hall. This work includes the installation of video encoders, Ethernet switches, cabling and video storage devices.

A finding of compliance with the General Plan was previously made and is shown on page 5.30 of the adopted Fiscal Year (FY) 2021 Capital Improvement Program (CIP) budget.

The Department of Public Works prepared plans and specifications for this project. Bids were requested and received in accordance with Section 4.08.070 of the Pasadena Municipal Code. On November 5, 2020, a Notice Inviting Bids for Intelligent Transportation System Phase 1 – Video Detection System and Fiber Optic Communication project was published in the local paper as well as 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 67 vendors downloaded the specifications, of which two were local vendors. A total of five bids were received by the bid opening date, none from local vendors.

Following advertising, bids were electronically received on December 2, 2020, and are as follows:

<u>Bidder</u>	<u>Amount (\$)</u>
1. Comet Electric, Inc., Chatsworth	\$332,175
2. Elecnor Belco Electric, Inc., Chino	\$402,688
3. Asplundh Construction LLC, Anaheim	\$409,824
4. DBX, Inc., Temecula	\$527,240
4. Select Electric, Inc., Vista	\$581,000
 Engineer's Estimate	 \$434,000

The lowest bid received is 30 percent lower than the Engineer's Estimate of \$434,000, which may be attributed to favorable labor and material costs experienced for conduit installations and fiber optic integration.

Based on a thorough review of the bid proposals, evaluation of local references, and communications with key contractor project staff, it is recommended that Comet Electric, Inc. be awarded the contract for this project as they are the lowest responsive and

responsible bidder. The proposed contract with Comet Electric, Inc. fully complies with the Competitive Bidding and Living Wage Ordinances. In addition, the proposed contract fully complies with the Prevailing Wage Law (Senate Bill 7) per Resolution 9406 adopted by the City Council on December 14, 2014.

Comet Electric, Inc., has not completed any prior contracts with the City. Staff has confirmed the contractor's license and Department of Industrial Relations status is in good standing, and received favorable reference checks from other agencies.

The contract for this project will be set as follows:

Bid	\$ 332,175
Contingency Allowance	<u>\$ 47,825</u>
Contract "Not to Exceed" Amount	\$ 380,000

A contingency of 15 percent is allocated to this contract given possible unforeseen conditions that may be encountered.

It is anticipated that construction will begin in April 2021 and be completed in July 2021. These proposed dates include the material lead time required for manufacturing and delivery of items.

COUNCIL POLICY CONSIDERATION:

This project is consistent with the City Council's goals to improve, maintain and enhance public facilities and infrastructure, and improve mobility and accessibility throughout the City.

ENVIRONMENTAL ANALYSIS:

The City's Environmental Administrator recommends that the City Council determine the proposed project to be exempt under CEQA Guidelines in accordance with Title 14, Chapter 3, Article 19, Section 15301, Class 1. This exemption includes the minor alterations of existing public facilities involving negligible or no expansion of use beyond that previously existing at the time of the lead agency's determination and there are no features that distinguish this project from others in the exempt class, and therefore, there are no unusual circumstances.

FISCAL IMPACT:

The total cost of this contract is \$380,000 and the total cost of this action will be \$430,000. Funding for this action will be addressed by the utilization of existing funds in the Intelligent Transportation System Phase 1 – Video Detection System and Fiber Optic Communication (75913) in the FY 2021 CIP budget. It is anticipated that majority of the construction cost will be expended in FY 2021.

The following table represents a contract summary of the project.

Base Bid	\$ 332,175
Contingency	\$ 47,825
Contract Administration/Inspection	\$ 50,000
Total Fiscal Impact	\$ 430,000

Respectfully submitted,



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