

Agenda Report

June 14, 2021

TO: Honorable Mayor and City Council
FROM: Department of Transportation
SUBJECT: CONTRACT AWARD TO MCCAIN, INC. FOR TRAFFIC SIGNAL SAFETY ENHANCEMENTS PROJECT

RECOMMENDATION:

It is recommended that the City Council:

1. Find this action exempt from the California Environmental Quality Act (CEQA) pursuant to State CEQA Guidelines Section 15061 (b) (3); and
2. i) Accept the bid dated April 20, 2021, submitted by McCain, Inc. in response to the specifications for the Traffic Signal Safety Enhancements Project; ii) reject all other bids received; and iii) authorize the City Manager to enter into a contract not to exceed \$204,000 which includes the base contract amount of \$184,576 and a contingency of \$19,424 to provide for any necessary change orders.

BACKGROUND:

The Department of Transportation, through the Transportation Management Center (TMC), applies advanced traffic monitoring technologies and signal equipment to enhance transportation safety and mobility. Improved functionality is accomplished by acquiring and implementing intelligent transportation system (ITS) equipment.

The goal of this project is to expand and enhance traffic management functionality along two street segments on Colorado Boulevard and on Lake Avenue. This project will provide functional improvements by implementing next-generation cameras for motorized or non-motorized vehicular and pedestrian detection, installing new traffic controllers, and providing specialty video analytics to classify and count vehicles, bicycles, and pedestrians. The improved detection systems will automatically gather data to allow TMC staff to analyze traffic patterns in real-time and collect longer-term data for future operational improvements and for identification of projects to support the department's multi-modal mobility goals.

Four dynamic electronic signs will also be installed as part of this project along Lake Avenue. These signs will display either a "No Right Turn" message or a "Turning Vehicles Yield to Pedestrians" message to enhance driver awareness as vehicles cross pedestrian lanes while proceeding onto the I-210 freeway.

The installation of ITS equipment will take place at the following intersections:

1. Colorado Boulevard at Marion Avenue
2. Colorado Boulevard at Sierra Bonita Avenue
3. Colorado Boulevard at Bonnie Avenue
4. Colorado Boulevard at Meridith Avenue
5. Lake Avenue at Corson Street
6. Lake Avenue at Maple Street

SELECTION PROCESS:

The Department of Transportation specifications for this project were drafted in accordance with Section 4.08.070 of the Pasadena Municipal Code. The Notice Inviting Bids was posted to Planet Bids on April 8, 2021.

Following advertising, bids were received on April 20, 2021, as follows:

	Bidder	Amount (\$)
1.	JTB Supply Co., Inc., Orange	Non-responsive
2.	McCain, Inc., Vista	184,576
3.	NexTech Systems, Inc., Irvine	230,762

The bid received by JTB Supply Co., Inc. was incomplete and therefore deemed non-responsive. The lowest responsive bid was submitted in the amount of \$184,576 by McCain, Inc.

It is recommended that McCain, Inc. be awarded a contract for this project as they are the lowest responsive and responsible bidder. In addition, the City has had previous experience with McCain as equipment suppliers and as traffic control system integrators, all with favorable and positive outcomes. The proposed contract with McCain, Inc. fully complies with the Competitive Bidding and Living Wage Ordinances.

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 Mobility Element Program 3.10 (Enhance Signalized Intersections for All Road Users), which promotes safety at busy intersections by applying design guidelines that provide a safe and efficient flow of vehicles, pedestrians, and bicycles. The project expands the Transportation Management Center's capabilities to

monitor traffic flow on major City streets by using automated vehicle location technology at traffic intersections.

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 purchase of video detection cameras and dynamic signs will not result in any significant effect on the environment.

FISCAL IMPACT:

The total cost of this contract is \$204,000.

Base Bid	\$ 184,576
Contingency Allowance	\$ 19,424
Total Fiscal Impact	\$ 204,000

Funding for this action will utilize existing budgeted appropriations from two Capital Improvement Program (CIP) Projects:

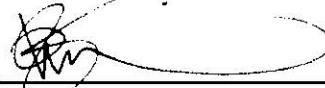
- Traffic Signal Safety Enhancements at the Intersections of Lake Ave. at Corson St. and Maple St. (CIP 75108)
- Implementation of Citywide Transportation Performance Monitoring Network (CIP 75602).

The following table presents a summary of the sources of funds that will be used:

Source	Total
CIP 75108 – Traffic Reduction Fee	\$125,000
CIP 75602 – Traffic Reduction Fee	\$79,000
Total	\$204,000

The cost of managing this project, identified as contract administration, has been programmed in the Department of Transportation's annual operating budget.

Respectfully submitted,



LAURA RUBIO-CORNEJO
Director
Department of Transportation

Prepared by:



Victor Koo
Associate Engineer

Approved by:



STEVE MERMELL
City Manager