

# Agenda Report

July 18, 2022

**TO:** Honorable Mayor and City Council

**FROM:** Department of Transportation

**SUBJECT: CONTRACT AWARD TO MICHAEL BAKER INTERNATIONAL, INC. FOR THE DESIGN OF THE WALNUT STREET CORRIDOR SIGNAL IMPROVEMENT PROJECT FOR A TOTAL NOT TO EXCEED AMOUNT OF \$659,640**

## **RECOMMENDATION:**

It is recommended that the City Council:

1. Find that the actions proposed herein are exempt from the California Environmental Quality Act (CEQA) in accordance with Section 15061 (b)(3) the General Rule that CEQA only applies to projects that may have an effect on the environment; and
2. Authorize the City Manager to enter into a contract, as the result of a competitive selection process, as specified by Section 4.08.047 of the Pasadena Municipal Code, with Michael Baker International, Inc. in an amount not to exceed \$659,640 (which includes the base contract amount of \$599,640 and a contingency of \$60,000 to provide for any necessary change orders). Competitive price bidding is not required pursuant to City Charter Section 1002(F)(contracts for professional or unique services).

## **BACKGROUND:**

Walnut Street is a vital east-west city corridor mobilizing approximately 35,000 to 40,000 vehicles per day. It is one of the main corridors for ingress and egress to the Rose Bowl and heavily used for stadium special events.

The Walnut Street Corridor signal improvement project was conceived to enhance traffic flow along Walnut Street / Foothill Blvd and to provide regional traffic congestion relief. The project entails the design and development of construction plans, specifications, and estimates for the implementation of Intelligent Transportation System (ITS) assets.

These assets are made of new generation traffic signal controllers, advanced detection systems for motorized and non-motorized vehicles, advanced emergency vehicle systems, communication infrastructure connectivity, and necessary hardware to support and enhance safety in transportation mobility. The deliverables from this contract will help inform the associated solicitation for construction bids.

The installation of ITS equipment will take place at 26 intersections as shown in Attachment A.

### **SELECTION PROCESS**

The Request for Proposals (RFP) for this scope of work was posted to Planet Bids on January 6, 2022. Forty-nine prospective businesses downloaded the RFP. A mandatory pre-proposal meeting was held virtually on January 20, 2022. Questions arising from this meeting were recorded and an addendum was released on January 23, 2022 to all those that attended the mandatory pre-bid meeting.

Three proposals were received as shown in chart below:

	<u>Proposal By:</u>	<u>Amount</u>
1.	DKS and Associates, Anaheim, Ca	\$670,437
2.	Michael Baker International, Santa Ana, Ca	\$661,830
3.	KOA Corporation, Monterrey Park, Ca	\$646,439

The proposals were reviewed by a panel of five (5) professional experts in the ITS and Transportation Engineering and Operations field. Four (4) reviewers were from external organizations and one staff member from the City's Department of Transportation. External reviewers were needed to supplement City staff that have knowledge of the technical aspects of the technology proposed in this project.

Scoring was based on the following criteria: Project understanding and Approach, Staffing ability, Experience, Cost, Local Business, and Small/Micro Business. Scoring for cost was automatically awarded in a proportional fashion, and points awarded automatically for Local and Small business. The DKS and Associates proposal shows a business address in Anaheim, California, however, the company holds an office on Colorado Boulevard in Pasadena. As such, DKS and Associates were the only firm awarded local business points during the proposal evaluations.

Attachment B is a chart denoting total average scoring across all categories for all proposals. Given the results, it is recommended the proposal by Michael Baker International be recommended for this project. Also, the proposal by Michael Baker International complies with all Competitive Bidding and Living Wage Ordinances requirements.

The recommended contract with Michael Baker International is for a base cost of \$599,640 and a proposed 10% contingency of \$60,000 for any necessary change orders. This brings a total fiscal recommendation of \$659,640 for the Walnut Street Corridor signal improvement project. Michael Baker International is a nationwide transportation planning and engineering consulting company with the demonstrated experience to provide highly innovative methods in infrastructure design for transportation projects, thus, it is recommended that Michael Baker International, Inc. be awarded the contract for this project.

**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:**

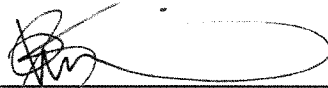
The project has been reviewed for compliance with the California Environmental Quality Act (CEQA) and is exempt per Section 15061 (b) (3). The project is covered by the general rule that CEQA only applies to projects that have the potential for causing a significant effect on the environment. The Walnut St. corridor improvement project focuses on the replacement of past technology traffic signal hardware and the installation of other advanced traffic signal control assets that are more capable and less visually obtrusive while enhancing transportation congestion levels. The addition and implementation of these devices do not result in any significant effect on the environment.

**FISCAL IMPACT:**

The total cost of this contract is \$659,640. Funding for this action will utilize existing budgeted appropriations from the Capital Improvement Program (CIP) Project CIP 75121 – Walnut St Corridor Signal Improvement.

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

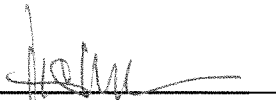
Respectfully submitted,



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LAURA RUBIO-CORNEJO  
Director  
Department of Transportation

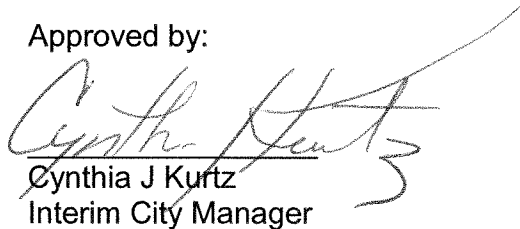
Prepared by:



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Victor Koo  
Associate Engineer

Approved by:



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Cynthia J Kurtz  
Interim City Manager

Attachments (2):

- Attachment A – Walnut Street Corridor Improvement Project Signalized Intersections Map
- Attachment B – Walnut Street Signal Improvement Project Proposal Scoring Summary