

## PROCUREMENT SUMMARY

## TRANSIT SIGNAL PRIORITY SYSTEM/PS87006000

1.	Contract Number: PS87006000	
2.	Recommended Vendor: Kimley-Horn and Associates, Inc.	
3.	Type of Procurement (check one): <input type="checkbox"/> IFB <input checked="" type="checkbox"/> RFP <input type="checkbox"/> RFP-A&E <input type="checkbox"/> Non-Competitive <input type="checkbox"/> Modification <input type="checkbox"/> Task Order	
4.	Procurement Dates:	
	A. Issued : 3/22/2022	
	B. Advertised/Publicized: 3/22/2022	
	C. Pre-Proposal Conference: 4/7/2022	
	D. Proposals Due: 6/3/2022	
	E. Pre-Qualification Completed: 4/23/2022	
	F. Conflict of Interest Form Submitted to Ethics: 10/6/2022	
	G. Protest Period End Date: 11/21/2022	
5.	Solicitations Picked-up/ Downloaded: 96	Proposals Received: 4
6.	Contract Administrator: Andrew Conriquez	Telephone Number: 213-922-3528
7.	Project Manager: James Shahamiri	Telephone Number: 213-922-4823

**A. Procurement Background**

This Board Action is to approve the award of Contract No. PS87006000 to modify an existing Transit Signal Priority (TSP) System to a cloud-based TSP system. Board approval of contract award is subject to the resolution of any properly submitted protest(s).

On March 22, 2022, staff released Request for Proposals (RFP) No. PS87006 in accordance with Metro's Acquisition Policy and the contract type is a firm fixed price.

Three amendments were issued during the solicitation phase of this RFP:

- Amendment No. 1, issued on April 1, 2022, provided the pre-proposal virtual meeting link;
- Amendment No. 2, issued on May 6, 2022, provided changes to the RFP and request for clarification due dates;
- Amendment No. 3, issued on May 12, 2022, provided changes to the Scope of Services and associated attachments.

A virtual pre-proposal conference was held on April 7, 2022. There were 37 attendees from numerous firms. There were 67 questions asked and responses were released prior to the proposal due date.

A total of 96 firms downloaded the RFP and were included in the plan holders list. A total of four proposals were received on June 3, 2022.

## **B. Evaluation of Proposals**

A Proposal Evaluation Team (PET) consisting of staff from Metro Service Planning and Scheduling, Highways Programs, and one external member from Los Angeles Department of Transportation was convened and conducted a comprehensive technical evaluation of the proposals received.

The proposals were evaluated based on the following evaluation criteria and weights:

- Project Management Capability 20 percent
- Technical Capability of Proposer's Team 20 percent
- Technical Strength of Development and Operations of Cloud-Based Transit Signal Priority Systems 30 percent
- Quality Control Management and Project Execution Plans 10 percent
- Cost/Price 20 percent

Several factors were considered when developing these weights, giving the greatest importance to the Technical Strength of Development and Operations of Cloud-Based Transit Signal Priority Systems.

Of the four proposals received, two were determined to be within the competitive range and are listed below in alphabetical order:

1. Iteris, Inc.
2. Kimley-Horn and Associates, Inc.

Two firms were determined to be outside the competitive range and were not included for further consideration.

During the week of July 11, 2022, the evaluation committee met and interviewed the two firms. Each firm's presentation addressed the requirements of the RFP, their experience with all aspects of the required tasks, coordination between different stakeholders, and stressed each firm's commitment to the success of the project. Also highlighted were staffing plans, work plans, and perceived project issues. Each team was asked questions relative to each firm's proposed alternatives, prior projects, risk factors, project schedule, and system integrations.

### **Qualifications Summary of Recommended Firm:**

#### **Kimley-Horn and Associates, Inc.**

Kimley-Horn and Associates, Inc., has been involved with Intelligent Transportation Systems, Systems Engineering, Transit Signal Priority, Emergency Vehicle Priority (EVP), and transportation management software applications including other cloud-based traffic management solutions. Kimley-Horn and Associates, Inc. has numerous staff who are primarily located in Los Angeles and can provide ITS

solutions support quickly. Kimley-Horn has over 30 years of experience in the industry.

In their oral presentation, Kimley-Horn and Associates, Inc. described their experience with developing Intelligent Transportation Systems (ITS) Software and Systems Engineering for more than 100 public agencies who use their Traction, KITS and software for their traffic management. Kimley-Horn has experience in software and traffic management services projects throughout the country, such as the Miami-Dade County, City of Austin, City of San Antonio, and Maricopa Association of Governments (MAG).

Final scoring determined that Kimley-Horn is the highest qualified proposer. Below is a summary of the scores in order of rank:

	Firm	Weighted Average Score	Factor Weight	Average Score	Rank
<b>1</b>	<b>Kimley-Horn and Associates, Inc.</b>				
<b>2</b>	Project Management Capability	87.50	20.00%	17.50	
<b>3</b>	Technical Capability of Proposer's Team	83.00	20.00%	16.60	
<b>4</b>	Technical Strength of Dev. and Ops. of Cloud-Based Transit Signal Priority Systems	83.93	30.00%	25.18	
<b>5</b>	Quality Control Management and Project Execution Plans	80.80	10.00%	8.08	
<b>6</b>	Cost/Price	87.15	20.00%	17.43	
<b>7</b>	<b>Total</b>		<b>100.00%</b>	<b>84.79</b>	<b>1</b>
<b>8</b>	<b>Iteris, Inc.</b>				
<b>9</b>	Project Management Capability	84.00	20.00%	16.80	
<b>10</b>	Technical Capability of Proposer's Team	84.00	20.00%	16.80	
<b>11</b>	Technical Strength of Dev. and Ops. of Cloud-Based Transit Signal Priority Systems	89.60	30.00%	26.88	
<b>12</b>	Quality Control Management and Project Execution Plans	83.60	10.00%	8.36	
<b>13</b>	Cost/Price	59.15	20.00%	11.83	
<b>14</b>	<b>Total</b>		<b>100.00%</b>	<b>80.67</b>	<b>2</b>

### **C. Cost Analysis**

The recommended price has been determined to be fair and reasonable based upon an independent cost estimate (ICE), cost analysis, technical analysis, fact finding and negotiation. Staff successfully negotiated a cost savings of \$50,128 for the agency.

<b>Proposer Name</b>	<b>Proposal Amount</b>	<b>Metro ICE</b>	<b>Negotiated Amount</b>
Kimley-Horn and Associates, Inc.	\$5,718,808	\$11,307,174	\$5,668,680
Iteris, Inc.	\$8,428,269		

The variance between the ICE and the final negotiated amount is due to staff's inclusion of the purchase and development of an entirely new software for the project. During clarifications, it was determined that the proposed contractor already has an existing software, and no new software is needed to be purchased and developed for the purpose of this project. Since a software system is already developed, the work and cost to develop and implement is not required.

### **D. Background on Recommended Contractor**

The recommended firm, Kimley-Horn and Associates, Inc., headquartered in Raleigh, North Carolina, is a professional engineering, planning and environmental consulting firm providing comprehensive range of services with more than 5,600 employees and 11 offices located in California, including one in Los Angeles. They have demonstrated experience with deployment of software solutions for traffic management with more than 100 public agencies in North America.

The proposed project manager has over 26 years of experience in large-scale multimodal transportation projects, and advanced technology systems such as TSP, Integrated Corridor Management (ICM), traffic control, communications, and 511 systems. With the project manager's experience across the country and California, the project manager demonstrated an understanding of transportation projects, and development of statewide, regional and local strategic transportation initiatives.

Key personnel average over 24 years of experience. Project experience include TSP and EVP systems for the City of Austin, TX, County of Miami-Dade, and City of San Antonio, TX, and Maricopa Association of Governments.