

Metropolitan Transportation Commission Operations Committee

July 9, 2021

Agenda Item 4e

Contract– Interstate 880 (I-880) Integrated Corridor Management (ICM) Central Segment Project – Design Services: DKS Associates (\$430,000)

Subject: Contract for I-880 ICM Central Segment Design Services: DKS Associates (\$430,000).

Background: The I-880 ICM Central Segment Project is a collaborative effort led by MTC with the City of San Leandro. The purpose of the project is to actively manage traffic that diverts from the freeway to arterial streets due to incidents on Interstate 880/State Route 238 by installing intelligent transportation system (ITS) adaptive traffic signal control equipment on selected arterial streets in San Leandro. Active transportation management will facilitate safe and efficient traffic flow safely, minimizing impacts to the local streets.

MTC, in coordination with the City of San Leandro, identified the arterial streets in need of traffic signal upgrades to achieve the project objective. The project is located along San Leandro Boulevard and Washington Avenue between West Juana Avenue to Lewelling Boulevard. The project will install new fiber optic lines and traffic signal upgrades at 13 signalized intersections. The project will also improve connectivity to the city's two transportation management centers at City Hall and the corporation yard. The scope of work includes preliminary design engineering, final design, bid support, design support during construction, and system integration and testing coordination.

In April 2021, MTC issued a request for qualifications (RFQ) for design services for this Project. An email advertising the availability of the RFQ on MTC's website was sent to over 3,519 individuals/firms. 27 individuals from 20 firms attended the pre-proposal conference on April 29, 2021. On May 20, 2021, MTC received five statements of qualifications (SOQs) from DKS Associates (DKS), Econolite Systems, Inc. (ESI), Iteris, Inc., Kimley-Horn and Associates, Inc. (KHA), and TJKM Transportation Consultants. A panel comprised of MTC and City of San Leandro staff evaluated the SOQs and short-listed three firms: DKS, KHA, and Iteris, Inc., for interviews on June 2, 2021.

Based on its evaluation of the SOQs and interviews, the panel ranked DKS Associates the highest. DKS' SOQ was determined by the panel to be most advantageous to MTC due to its team's extensive experience with adaptive traffic signal upgrade projects throughout North America. DKS has experience with several programs: MTC's Innovative Deployment to Enhance Arterials (IDEA), MTC's Program for Arterial System Synchronization (PASS), and 12 adaptive traffic control system (ATCS) projects related to intelligent transportation systems and integrated corridor management on the west coast. DKS' proposed approach emphasizes identification of and mitigations for project needs and challenges, specifies traffic equipment at early stages of the project, and utilizes an arterial insights performance monitoring tool to help meet the project schedule.

DKS has successfully completed projects with similar scope and size with various agencies. DKS has worked on MTC projects in recent years and has received positive feedback from project sponsors. The project has a 19% DBE goal, and DKS has identified a 37% DBE commitment. Attachment A includes a summary of DKS and its project team's small business and disadvantaged business enterprise status, as well as summaries for the second- and third-ranked teams, should staff fail to successfully negotiate a contract with DKS.

Staff requests approval to enter into a contract with DKS Associates in an amount not to exceed \$430,000 to provide design services for the I-880 ICM Central Segment project. Following completion of the design in early 2022, staff will return to this Committee to request approval to enter into an agreement with the City of San Leandro for construction and system integration, for which MTC has secured \$1.498 million in federal funding.

Issues: None identified.

Recommendation: Staff recommends that the Operations Committee authorize the Executive Director or designee to negotiate and enter into a contract with DKS, in an amount not to exceed \$430,000 to provide design services for the I-880 ICM Central Segment project. Should staff fail to successfully negotiate a contract with DKS, staff recommends that the Committee authorize the Executive Director or designee to negotiate and enter into a contract for the aforementioned work with either the second- or third-ranked firm with the same not to exceed amount.

Attachments: Attachment A: Disadvantaged Business Enterprise and Small Business Enterprise Status


Therese W. McMillan

Disadvantaged Business Enterprise and Small Business Enterprise Status

	Firm Name	Role on Project	DBE* Firm			SBE** Firm		
			Yes	If Yes, List #	No	Yes	Certifying Agency	No
Prime Contractor	DKS Associates	Prime			X			X
Subcontractor	Fehrs & Peers	Design PS&E Technical Reviewer			X			X
Subcontractor	ActiveWayz Engineering	Utility Coordination and Assistance with Permit Applications	X	43754		X	DGS	
Subcontractor	WRECO	Environmental Documentation	X	30060		X	DGS	
Subcontractor	Traffic Pattern	Systems Integration and Testing Support	X	37944				X
Subcontractor	BESS Test Labs	Utility Identification/Certification	X	34267		X	DGS	
Subcontractor	PLS Surveys	Right of Way Mapping/Right of Way Certification			X	X	DGS	
Subcontractor	Wiltec	Traffic Data Collection	X	8440				X

			DBE* Firm			SBE** Firm		
	Firm Name	Role on Project	Yes	If Yes, List #	No	Yes	Certifying Agency	No
Prime Contractor	Iteris	Prime			X			X
Subcontractor	Elite Transportation Group	Traffic Analysis and System Performance	X	45726		X	DGS	
Subcontractor	Noakro Consultants, LLC	Environmental Clearance			X	X	DGS	
Subcontractor	Idax	Traffic Data Collection			X			X
Subcontractor	Exaro Technologies Corporation	Potholing and Utility Location			X	X	DGS	
Prime Contractor	Kimley-Horn	Prime			X	X		
Subcontractor	Associated Right of Way Services, Inc.	Right of Way Services			X	X	DGS	
Subcontractor	Chaudhary & Associates, Inc.	Surveying	X	3110		X	DGS	
Subcontractor	Elite Transportation Group, Inc.	Traffic Analysis	X	45726		X	DGS	
Subcontractor	Exaro Technologies Corporation	Potholing services and identification of existing underground utilities and existing conduit			X	X	DGS	
Subcontractor	Wiltec		X	8440				X

REQUEST FOR COMMITTEE APPROVAL

Summary of Proposed Contract

Work Item No.: 1235

Consultant: DKS Associates
Oakland, CA

Work Project Title: Interstate 880 (I-880) Integrated Corridor Management (ICM) Central Segment Project Design Services

Purpose of Project: To actively manage traffic that diverts from the freeway to arterial streets due to incidents on Interstate 880/State Route 238 by installing intelligent transportation system (ITS) adaptive traffic signal control equipment on selected arterial streets in San Leandro. The project also integrates traffic signals to the City's two transportation management centers at City Hall and the corporation yard.

Brief Scope of Work: Provide overall project management and coordination for the design phase of the project (i.e., preliminary engineering, environmental, right-of-way, final design, bid support, and design support during construction).

Project Cost Not to Exceed: \$430,000

Funding Source: Congestion Mitigation and Air Quality (CMAQ)

Fiscal Impact: Funding is included in the MTC FY 2021-2022 Budget

Motion by Committee: That the Executive Director or designee is authorized to negotiate and enter into a contract with DKS Associates to provide design services for the I-880 ICM Central Segment Project described above and in the Operations Committee Summary Sheet dated July 9, 2021 and that the Chief Financial Officer is authorized to set aside \$430,000 for such contract; and that, should staff fail to successfully negotiate a contract with DKS Associates, the Executive Director or designee is authorized to negotiate and enter into a contract for the aforementioned work with either the second- or third-ranked firm in the same not to exceed amount..

Operations Committee:

Carol Dutra-Vernaci, Chair

Approved: July 9, 2021