



METROPOLITAN  
TRANSPORTATION  
COMMISSION

**Agenda Item 2b**

Bay Area Metro Center  
375 Beale Street  
San Francisco, CA 94105  
TEL 415.778.6700  
WEB [www.mtc.ca.gov](http://www.mtc.ca.gov)

## *Memorandum*

TO: Operations Committee

DATE: October 27, 2017

FR: Executive Director

W. I. 1235

RE: Contract – I-880 Integrated Corridor Management (ICM) North Segment Construction Management Services: S&C Engineers, Inc. (\$1,500,000)

This memorandum requests the Committee's approval to enter into a three-year contract with S&C Engineers, Inc., in an amount not to exceed \$1,500,000 to provide construction management services for the I-880 ICM North Segment Project.

### **Background**

The I-880 ICM North Segment Project is a collaborative effort led by MTC, together with Caltrans District 4, City of Oakland, City of San Leandro, and Alameda-Contra Costa Transit District (AC Transit), to develop an enhanced arterial incident management strategy for the I-880 Corridor. Stakeholders identified this project for initial deployment along the northern segment of the I-880 Corridor as part of an overall ICM approach to improve mobility, accessibility, and safety. This project seeks to better coordinate and integrate Intelligent Transportation Systems (ITS) and operations across networks and jurisdictional boundaries.

The I-880 ICM North Segment Project will improve integration and operation of ITS systems in order to facilitate the active management of traffic that has naturally diverted from the freeway due to incidents. The project includes the installation of ITS infrastructure on arterial streets, such as closed circuit television cameras, trailblazer (electronic message) signs, and traffic signal intersection upgrades, including curb ramps, detectors, signal coordination, and communications.

Caltrans approved the 100% PS&E for this project in April 2017 and issued the encroachment permit in May 2017. MTC submitted a request for federal construction authorization in May 2017 and received authorization to proceed with advance construction in early August 2017.

### **Consultant Selection Process**

In August 2017, MTC issued a Request for Qualifications (RFQ) for consultant assistance with the above-described project. An email advertising the availability of the RFQ on MTC's website was sent to over 1,343 individuals/firms. MTC received Statements of Qualification (SOQs) from three firms: Cooper Puga Management, Inc., S&C Engineers, Inc., and Zoon Engineering, Inc. A panel of MTC and Caltrans staff evaluated the qualifications of each firm. The evaluation criteria, listed in order of importance, included: 1) qualifications of firm and proposed staff to complete the required scope of work (40%); 2) detailed understanding of the project and ability to meet MTC's objectives (35%); 3) demonstrated experience successfully completing project management and quality control (15%); and 4) professional references (10%). The evaluation panel submitted written follow-up questions to the three firms. Responses from the firms were received and reviewed by the panel on October 9, 2017.

After a review of the SOQs and written responses, the evaluation panel unanimously recommended the selection of S&C Engineers, Inc. This firm was found to be the most qualified to perform the work due to its strong expertise in managing similar ITS projects, and its project manager's extensive experience working with Caltrans and local stakeholders. Key team members have specialized knowledge based on their work on similar projects, a detailed understanding of the challenges involved to deliver the project, and established relationships with all project stakeholders (Caltrans, City of Oakland, City of San Leandro, and AC Transit). This firm has a proven track record of providing project and quality control for complex projects, including successful management the I-80 Smart Corridor project. In addition, qualified staff are highly recommended and available to meet the project's schedule.

The table below provides the final rankings based on the evaluation results:

<b>Firm</b>	<b>Ranking</b>
S&C Engineers, Inc., Oakland, CA	1
Zoon Engineering, Inc., Emeryville, CA	2
Cooper Puga Management, Inc., San Francisco, CA	3

Attachment A includes a summary of S&C Engineers, Inc. and its project team's small business and disadvantaged business enterprise status.

#### **Recommendation**

Staff recommends that the Committee authorize the Executive Director or his designated representative to negotiate and enter into a contract with S&C Engineers, Inc., in an amount not to exceed \$1,500,000 to provide construction management services for the I-880 ICM North Segment Project. Should staff fail to successfully negotiate a contract with S&C Engineers, Inc., staff recommends that the Committee authorize the Executive Director or his designee to negotiate and enter into a contract for the aforementioned work with the second and third-ranked firms respectively.

  
\_\_\_\_\_  
Steve Heminger

SH: sb

J:\COMMITTEE\Operations\2017 Operations Comm Packet\11\_OPS\_Nov 2017\2b\_I-880 ICM CM.docx

	Firm Name	Role on Project	DBE* Firm			SBE** Firm		
			Yes	If Yes, List #	No	Yes	If Yes, List #	No
Prime Contractor	S&C Engineers, Inc.	Project and Construction Management			X	X	21993	
Subcontractors	Summit Associates	Inspector/Materials Tester	X	30881				X
	Chaudhary & Associates	Project Surveyor/Inspector	X	3110				X

\*Denotes certification by the California Unified Certification Program (CUCP).

\*\*Denotes certification by the State of California.

## REQUEST FOR COMMITTEE APPROVAL

### Summary of Proposed Consultant Contract

Work Item No.:	1235
Contractor:	S&C Engineers, Inc. Oakland, CA
Work Project Title:	I-880 Integrated Corridor Management (ICM) North Segment Construction Management Services
Purpose of Project:	To provide construction management services for the I-880 ICM North Segment Project
Brief Scope of Work:	Provide overall project and construction management, oversee and facilitate the timely and efficient completion of work by both the civil construction contractor and system integrator, and proactively lead stakeholder coordination.
Project Cost Not to Exceed:	\$1,500,000
Funding Source:	CMAQ
Fiscal Impact:	\$1,500,000 is available in the FY 2017-18 Budget.
Motion by Committee:	That the Executive Director or his designee is authorized to negotiate and enter into a contract with S&C Engineers, Inc., to provide construction management services for the I- 880 ICM North Segment Project, as described above and in the Executive Director's October 27, 2017 memorandum, and the Chief Financial Officer is authorized to set aside funds in the amount of \$1,500,000 for such contract. Should staff fail to successfully negotiate a contract with S&C Engineers, Inc., then the Executive Director or his designee is authorized to negotiate and enter into a contract for such work with the second and third rated firms respectively, as specified in the Executive Director's October 27, 2017 memorandum.
Operations Committee:	Approved: _____ Dave Cortese, Chair
Approved:	Date: November 3, 2017