

Metropolitan Transportation Commission Operations Committee

April 9, 2021

Agenda Item 4c

Contract – Interstate 880 (I-880) Optimized Corridor Operations – WSP USA, Inc. (\$250,000)

Subject: Request for approval of a contract with WSP USA, Inc. (WSP) to provide technical assistance to develop near-term strategies to integrate and optimize corridor operations on I-880, including data sharing and system integration with minimal capital or infrastructure investments in an amount not to exceed \$250,000.

Background: The I-880 corridor is a busy north-south highway that connects jobs and housing between Alameda County and Santa Clara County/Silicon Valley. To manage congestion in this corridor, Caltrans, Metropolitan Transportation Commission, and Alameda and Santa Clara County Transportation Authorities have invested in several operational technology systems, such as adaptive ramp metering, express lanes, and incident management. Each system works independently – there is no integration between the various systems. The project goal is to integrate and optimize corridor operations using minimal new infrastructure to enable the systems to “talk” to each other. The project may also evaluate opportunities to integrate operations with key parallel arterial corridors, transit, and other multimodal elements to optimize person throughput.

On January 25, 2021, MTC issued a request for proposal (RFP) to firms on the 2016 Transportation Engineering and Planning Services Bench (“2016 TEP Bench”) under Service Category A: Freeway Active Traffic Management, C: Connected/Autonomous Vehicles, D: Data Analytics and Performance Assessment, or F: General Planning, and firms on the 2018 Project/Program Management and Strategic Advisor (“2018 PPM Bench”), to assist MTC with developing strategies for I-880 Optimized Corridor Operations.

An evaluation panel comprised of MTC and Caltrans staff reviewed the proposals based upon the following evaluation criteria specified in the RFP, which are listed in descending order of importance:

1.	Qualifications and specific experience of the team and key personnel	30%
2.	Approach to completing the work	25%
3.	Price	20%
4.	Cost effectiveness	15%
5.	Presentation	10%

Based on the results of the proposal evaluations, the panel recommends the selection of the WSP team. WSP has demonstrated its qualifications and experience with similar projects and an understanding of the project and its corridor specific challenges.

The table below provides the final ranking based upon panel evaluations:

Consultant	Ranking
WSP USA, Inc.	1
Kimley-Horn and Associates, Inc.	2
Jacobs Engineering Group Inc.	3
DKS Associates	4
Atkins	5

WSP is neither a small business nor a disadvantaged business enterprise.

Issues: None identified.

Recommendation: Staff recommends that the Operations Committee authorize the Executive Director or designee to negotiate and enter into a contract with WSP in an amount not to exceed \$250,000 for the above-described work.

Attachments: None


Therese W. McMillan

REQUEST FOR COMMITTEE APPROVAL

Summary of Proposed Contract

Work Item No.:	1237
Consultant:	WSP USA, Inc. Antioch, CA
Work Project Title:	Interstate 880 (I-880) Optimized Corridor Operations
Purpose of Project:	To develop strategies and plans to integrate the various ITS elements and develop a system that optimizes and coordinates the operations of the I-880 corridor.
Brief Scope of Work:	Provide technical assistance to develop near-term strategies to integrate and optimize corridor operations on Interstate 880, including data sharing and system integration with minimal capital or infrastructure investments.
Project Cost Not to Exceed:	\$250,000
Funding Source:	SAFE
Fiscal Impact:	Funding is included in the FY 2020-2021 MTC Budget.
Motion by Committee:	That the Executive Director or designee is authorized to negotiate and enter into a contract with WSP USA, Inc. to provide technical assistance services described above and in the Operations Committee Summary Sheet dated April 9, 2021 and that the Chief Financial Officer is authorized to set aside \$250,000 for such contract.
Operations Committee:	<hr/> Carol Dutra-Vernaci, Chair
Approved:	April 9, 2021