



METROPOLITAN
TRANSPORTATION
COMMISSION

Agenda Item 2d
Bay Area Metro Center
375 Beale Street
San Francisco, CA 94105
TEL 415.778.6700
WEB www.mtc.ca.gov

Memorandum

TO: Operations Committee

DATE: March 3, 2017

FR: Executive Director

W.I.: 1235

RE: Contract Amendment - I-880 Integrated Corridor Management North Segment Project-Design Services: URS Corporation Americas (\$192,000)

This memorandum requests Committee approval of a contract amendment with URS Corporation Americas (URS) in an amount not to exceed \$192,000 to provide additional design services to complete the Plans, Specifications, and Estimates (PS&E) for the I-880 Integrated Corridor Management (I-880 ICM) North Segment Project and to provide design support services during project construction.

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.

In August 2011, MTC awarded URS a contract to assist MTC SAFE and project stakeholders with development of an I-880 incident management strategy. URS was selected from an approved list of fifteen consultants authorized by the BATA Oversight Committee in 2011, to provide on-call construction management and design services for BATA, MTC, and MTC SAFE projects. In October 2011, this committee approved an amendment for preparation of a combined Project Study Report/Project Report for an initial project, the I-880 ICM North Segment Project. In December 2012, this Committee approved an amendment to provide design services to develop the PS&E. URS is neither a small business nor a disadvantaged business enterprise and currently has no subcontractors.


The project has encountered numerous design challenges, several of which stem from the large number and high variability of arterial intersections within the nine-mile project area. Examples include: investigation of 13 intersections and subsequent design of accessible curb ramps at seven locations within the City of Oakland; field reviews and coordination with Oakland staff on options for trailblazer sign communications at 34 locations; design for vehicle and pedestrian detection at key locations where neither was in place; and topographic mapping at key intersections where current right of way maps did not exist. In addition, close coordination with Union Pacific Railroad was required for wireline design crossings at three locations.

Under the proposed amendment, URS would coordinate with Pacific Gas & Electric on the final trailblazer sign power solutions at key locations and complete accessible curb ramp design at one intersection within Caltrans' right of way. Indications in late fall 2016 were that design at this intersection would be completed by a developer who had already submitted to the City of Oakland an initial design, including curb ramps; however, the developer has not yet re-submitted its design for review, and there is no clear indication when such re-submittal would take place. MTC will direct URS to complete the design to avoid delaying approval of the 100% PS&E.

Following approval of the 100% PS&E and issuance of an encroachment permit by Caltrans in April, MTC will submit its Federal funding application for review and approval. Following receipt of Federal construction funding, MTC will issue procurements for construction management, civil construction and system integration services later this year. Under the proposed amendment, URS would also provide design support services during project construction.

Recommendation

Staff recommends that the Committee authorize the Executive Director or his designee to negotiate and enter into a contract amendment with URS to provide additional design support services for completion of the Plans, Specifications and Estimates and to provide design support services during construction for the I-880 ICM North Segment Project in an amount not to exceed \$192,000.



Steve Heminger

SH: evw

REQUEST FOR COMMITTEE APPROVAL
Summary of Proposed Contract Amendment

Work Item No.:	1235
Vendor:	URS Corporation Americas San Jose, CA
Work Project Title:	I-880 Integrated Corridor Management
Purpose of Project:	Develop design documents for implementation of an enhanced incident management strategy for the I-880 Corridor.
Brief Scope of Work:	Prepare final design and associated Plans, Specifications, and Estimates, including accessible curb ramp design (6 th /Jackson in Oakland) and communication strategy for trailblazer signs (Oakland). Provide design support services during project construction.
Project Cost Not to Exceed:	\$192,000 (this amendment) \$1,879,648: Total contract before this amendment \$2,071,648: Total authorized contract after this amendment
Funding Source:	SAFE; CMAQ
Fiscal Impact:	\$92,000 is available in the FY 2016-17 SAFE budget. \$100,000 is subject to approval in MTC's FY 2017-18 budget (pending receipt of Federal construction funding).
Motion by Committee:	That the Executive Director or his designee is authorized to negotiate and enter into a contract amendment with URS Corporation Americas for the preparation of Plans, Specifications and Estimates and provision of design support services during construction as described above and in the Executive Director's March 3, 2017 memorandum, and the Chief Financial Officer is directed to set aside funds in the amount of \$192,000 for such contract amendment.
Operations Committee:	
	<hr/> Scott Haggerty, Chair
Approved:	Date: March 10, 2017