



METROPOLITAN
TRANSPORTATION
COMMISSION

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Memorandum

Agenda Item No. 2c

TO: Operations Committee

DATE: September 5, 2014

FR: Executive Director

W.I.: 1237

RE: Contract Amendment – On-Call Transportation Engineering and Planning Services – Ramp Metering Support: Kimley-Horn and Associates, Inc. (\$500,000)

This memorandum requests Committee approval of a contract amendment with Kimley-Horn and Associates, Inc., (Kimley-Horn) in an amount not to exceed \$500,000 to provide On-Call Transportation Engineering and Planning Services related to ramp metering implementation for a segment of US-101 in Santa Clara County.

Background - Ramp Metering

The Freeway Performance Initiative (FPI), launched in 2007, implements cost-effective strategies, such as ramp metering, to manage congestion and improve safety along the most congested freeway corridors in the Bay Area. FPI ramp metering implementation plans are currently underway for several corridors, including Santa Clara I-680 and SR-85, Solano I-80, and Sonoma US-101. A new ramp metering study will need to be prepared for Santa Clara US-101 (between approximately SR-85 (South) and the San Benito County Line). Caltrans is currently in the construction phase to install new ramp metering equipment on this corridor. The FPI strategy is to prepare a ramp metering study now and stand ready to activate the meters upon the completion of ramp metering equipment installation.

Consultant Selection Process

In January 2013, MTC issued a Request for Qualifications to pre-qualify firms to provide on-call transportation engineering and planning services to support the Freeway Performance Initiative, the Regional Express Lane Network, and other similar programs for a three-year period ending June 30, 2016. At its May 10, 2013 meeting, the Operations Committee approved a competitively pre-qualified panel of seven consultants to provide on-call transportation engineering and planning services in three service categories: (1) Data Collection, (2) Traffic Analysis, and (3) General Planning Support, on an as-needed basis.

On July 30, 2014, MTC staff solicited Statements of Qualifications (SOQs) from the six firms that were pre-qualified under the Traffic Analysis service category. These firms included Cambridge Systematics, Inc., DKS Associates, Fehr & Peers, Kimley-Horn, Kittelson and Associates, Inc., and TJKM Transportation Consultants. MTC received SOQs from three firms:

Kimley-Horn, Kittelson and Associates, Inc., and TJKM Transportation Consultants. A panel of MTC staff evaluated the qualifications of each firm.

Based upon the evaluation, staff recommends the selection of Kimley-Horn. This firm is highly qualified to perform the work, with expertise in the development and calibration of freeway models that are necessary for ramp metering projects. The Kimley-Horn Project Manager has worked with Caltrans, the Santa Clara Valley Transportation Authority, and local stakeholders in successfully activating ramp meters throughout Santa Clara County, including SR-87, I-280, and I-880 and key staff who will be assigned to this project have strong technical skills and have conducted many ramp metering studies in the Bay Area. As part of MTC's FPI Program, Kimley-Horn was selected in July 2013 and is working under an existing contract to conduct ramp metering implementation plans for SR-92 in Alameda County and SR-85 in Santa Clara County, which are currently ongoing. In addition, this firm has the appropriate qualified staff who are available to meet the project's aggressive schedule. The table below provides the final rankings based upon the results of staff's evaluations:

Consultant	Ranking
Kimley-Horn and Associates, Inc.	1
Kittelson and Associates, Inc.	2
TJKM Transportation Consultants	3

Recommendation

Staff recommends that the Committee authorize the Executive Director or his designee to negotiate and enter into a contract amendment with Kimley-Horn in an amount not to exceed \$500,000 to provide On-Call Transportation Engineering and Planning Services to prepare a Ramp Metering Implementation Plan for a segment of US-101 in Santa Clara County.



Steve Heminger

SH: lz

REQUEST FOR COMMITTEE APPROVAL

Summary of Proposed Contract Amendment

Work Item No.: 1237

Consultant: Kimley-Horn and Associates, Inc., Pleasanton, CA

Work Project Title: On-Call Transportation Engineering and Planning Services

Purpose of Project: To provide On-Call Transportation Engineering and Planning Services to support the Freeway Performance Initiative (FPI), Regional Express Lane Network, and other similar programs.

Brief Scope of Work: Consultant shall work with MTC, Caltrans, and local jurisdictions to implement a ramp metering plan along a segment of US-101 in Santa Clara County (between approximately SR-85 (South) and the San Benito County Line) and assess the effectiveness.

Project Cost Not to Exceed: \$500,000 (this amendment)
Total Contract before this amendment: \$670,000
Total Authorized Contract after this amendment: \$1,170,000

Funding Source: CMAQ

Fiscal Impact: Funds are included in the agency budget for FY 2014-15

Motion by Committee: That the Executive Director or his designee is authorized to negotiate and enter into a contract amendment with Kimley-Horn and Associates, Inc., to provide the consulting services described above and in the Executive Director's memorandum dated September 5, 2014, and the Chief Financial Officer is authorized to set aside funds in the amount of \$500,000 for such contract amendment.

Operations Committee:

Jake Mackenzie, Chair

Approved: Date: September 12, 2014