



METROPOLITAN
TRANSPORTATION
COMMISSION

Joseph P. Bort MetroCenter
101 Eighth Street
Oakland, CA 94607-4700
TEL 510.817.5700
TDD/TTY 510.817.5769
FAX 510.817.5848
E-MAIL info@mtc.ca.gov
WEB www.mtc.ca.gov

Memorandum

Agenda Item 2b

TO: Operations Committee

DATE: December 6, 2013

FR: Executive Director

W.I.: 1237

RE: Contract Amendment – On-Call Transportation Engineering and Planning Services: Cambridge Systematics, Inc. (\$402,000)

This memorandum seeks Committee approval of a contract amendment with Cambridge Systematics, Inc. (CS) for on-call transportation engineering and planning services related to annual congestion monitoring on Bay Area freeways in an amount not to exceed \$402,000.

Background

Under a previous contract selected through a Freeway Performance Initiative (FPI) panel, staff tasked CS to develop a new methodology for identifying the Bay Area's congested freeway segments, using a combination of commercially-available speed data and volume data obtained from Caltrans' Freeway Performance Measurement System (PeMS) database. CS used speed and volume data from 2012 for this work.

In May 2013, following a competitive procurement, this Committee approved a pre-qualified panel of seven consultants to provide on-call transportation engineering and planning services to support FPI, the Regional Express Lane Network, freeway congestion monitoring, and other similar programs for a three-year period ending June 30, 2016. CS was one of the consultants selected for the panel. The panel procurement permitted MTC to award contracts to panel members directly or after "mini-procurements".

In July 2013, under the Executive Director's authority, MTC awarded a new On-Call Transportation Engineering and Planning Services contract directly to CS in the maximum amount of \$100,000 to analyze traffic impacts on the Bay Area's state-owned bridges.

Scope of Work – This Amendment

The proposed amendment would provide for CS to build on its previous congestion monitoring work by applying the new methodology to assist in developing the annual list of congested Bay Area freeway segments for 2013, with options on the part of MTC to retain CS to perform this same work for 2014 and 2015. The cost to perform the work for each analysis year will be \$88,000. For planning and historical trend analyses, the proposed amendment would also task CS to develop the list of congested freeway segments for 2010 and 2011. The per-analysis-year cost to perform this work would be \$69,000. This amendment, in the amount of \$402,000, would bring CS' contract total amount to \$502,000. Funds in the amount of \$226,000 to perform the work to develop the 2010, 2011, and 2013 lists are included in the current FY 2013-14 MTC budget. Funds in the amount of \$176,000 to perform the work to develop the lists for optional years 2014 and 2015 will be subject to the annual budget approval process in those years.

Recommendation

Staff recommends that this Committee authorize the Executive Director or his designee to negotiate and enter into a contract amendment with Cambridge Systematics, Inc. in an amount not to exceed \$402,000 to assist in developing the list of congested Bay Area freeway segments for 2010, 2011 and 2013, and optional years 2014 and 2015, subject to the annual budget approval process.



Steve Heminger

SH:wc

J:\COMMITTEE\Operations\2013 Operations Comm Packet\12_Ops_Dec2013\2b_On-Call Services Amendment_CamSys_Chung.docx

REQUEST FOR COMMITTEE APPROVAL

Summary of Proposed Contract Amendment

Work Item No.: 1237

Vendor: Cambridge Systematics, Inc., Oakland, CA

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

Purpose of Project: Provide transportation engineering and planning services, including technical assessments of major freeway corridors, development of a Regional Ramp Metering Strategic Plan, and congestion monitoring support.

Brief Scope of Work: Develop lists of Bay Area congested freeway segments for 2010, 2011, and 2013, and for years 2014 and 2015, if option is exercised by MTC.

Project Cost Not to Exceed: This amendment: \$402,000
Total Contract amount before this amendment: \$100,000
Total Authorized Contract after this amendment: \$502,000

Funding Source: STP

Fiscal Impact: \$226,000 for 2010, 2011 and 2013 included in the FY 2013-14 agency budget; remaining funds for option years 2014 and 2015 subject to inclusion in future agency budgets

Motion by Committee: That the Executive Director or his designee is authorized to negotiate and enter into a contract amendment with Cambridge Systematics, Inc. in an amount not to exceed \$402,000 to assist in developing the list of congested Bay Area freeway segments for 2010, 2011, 2013, and optional years 2014 and 2015, as described above and in the Executive Director's memorandum dated December 6, 2013, and the Chief Financial Officer is authorized to set aside funds for such amendment in the amount of \$226,000 from the current budget and \$88,000 each from the FYs 2014-15 and 2015-16 budgets , subject to the annual agency budget approval process.

Operations Committee:

Jake Mackenzie, Chair

Approved: Date: December 13, 2013

