



METROPOLITAN
TRANSPORTATION
COMMISSION

Joseph P. Bort MetroCenter
101 Eighth Street
Oakland, CA 94607-4700
Tel: 510.464.7700
TDD/TTY: 510.464.7769
Fax: 510.464.7848

Memorandum

TO: Operations Committee

DATE: September 4, 2009

FR: Executive Director

W.I.: 1235

RE: Contract – Center-to-Center Data and Video Exchange: Telvent Farradyne

Background

The purpose of the Bay Area's Center-to-Center (C2C) Program is to enable the real-time exchange of traffic data and video between existing SMART Corridors and the Regional Transportation Management Center (TMC), which includes the Caltrans TMC and the 511 Traveler Information Center. SMART Corridors are non-freeway routes which employ ITS devices such as speed and volume detectors, surveillance cameras, and electronic message signs. The C2C project deals specifically, at this time, with the Silicon Valley hub (SVITS) and the San Francisco hub (SFgo). The Program entails the following three components: 1) a Memorandum of Understanding between 14 agencies; 2) software to enable data exchange between the different systems; and 3) a fiber optic communications backbone linking the hubs. The MOU was executed in December 2005, and the communications backbone linking the Silicon Valley-ITS and SFgo smart corridors to the TMC was activated in December 2007.

In 2003, the 511 contract with PB Farradyne (now Telvent Farradyne) was amended to provide \$392,500 for the initial build of the C2C software system, including a concept of operations, software design, integration, and acceptance testing for data exchange among SFgo, SVITS, and the TMC. In a second contract change order in 2006, adding \$250,000 to the 511 contract, MTC procured Telvent Farradyne to design and implement the C2C Video Exchange software. The data exchange software development has been completed and final testing is ready to begin. However, on June 30, 2009, the 511 contract with Telvent Farradyne ended, with work remaining to be completed on the the final items of the C2C Initial Build.

Scope of Work

In order to complete the initial build, a contractor is needed to conduct a System Acceptance Test, update software documentation, develop an operators manual, and conduct training for operators. Having any contractor other than Telvent complete the work would generate

considerable duplication of costs that could not reasonably be expected to be recovered through competition and unacceptable delay while a new contractor is brought up to speed.

When the 511 Traffic contract with Telvent expired in June, there was \$310,000 in unexpended C2C funds. This remaining amount will cover the completion of the initial build and data exchange, and provide flexibility to move forward with the video exchange effort. The C2C project uses federal funds, and this is an acceptable justification for a sole source contract using federal funds.

Recommendation

Staff recommends that this Committee authorize the Executive Director or his designee to negotiate and enter into a sole source contract with Telvent Farradyne in an amount not to exceed \$310,000 to complete the initial build of the C2C project, as well as develop and test the C2C Video Exchange project.

Steve Heminger

SH/JF

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REQUEST FOR COMMITTEE APPROVAL

Summary of Proposed Consultant Contract

Work Item No.: 1236

Contractor: Telvent Farradyne / Oakland, CA.

Work Project Title: Center-to-Center Program

Purpose of Project: To Implement and Test the Center-to-Center (C2C) System

Brief Scope of Work: Conduct a system acceptance test and update software documentation, develop operator's manual and train operators.

Project Cost: \$310,000

Funding Source: CMAQ/SAFE

Fiscal Impact: Included in the FY 2009-10 Budget

Motion by Committee: That the Executive Director or his designee is authorized to negotiate and enter into sole source contract with Telvent Farradyne to complete the implementation and testing of the Center-to-Center System, and the Chief Financial Officer is authorized to set aside funds for such contract in the amount of \$310,000.

MTC Operations Committee: Approved: _____
Amy Rein Worth, Chairperson

Approved: Date: September 11, 2009