



CITY COUNCIL AGENDA REPORT

MEETING DATE: JANUARY 15, 2008

ITEM NUMBER:

SUBJECT: SIGNAL MANAGEMENT SYSTEM INTEGRATION PROJECT - CONSULTANT CONTRACT AMENDMENT

DATE: DECEMBER 26, 2007

FROM: PUBLIC SERVICES DEPARTMENT/TRANSPORTATION SERVICES DIVISION

PRESENTATION BY: PETER NAGHAVI, ACTING DIRECTOR OF PUBLIC SERVICES

FOR FURTHER INFORMATION CONTACT: DAVID SORGE, PROJECT MANAGER (714) 754-5183

RECOMMENDATION:

Authorize an amendment to the Professional Services Agreement (Attachment 1) with Telvent Farradyne, Inc. for development of the Signal Management System Integration Project to extend to November 30, 2009.

BACKGROUND:

In May of 2003, the Orange County Transportation Authority (OCTA) awarded a Measure M Signal Improvement Program (SIP) grant for \$250,000, covering 79% of costs for the Signal Management Systems Integration Project. On September 6, 2005, the City Council authorized a contract to PB Farradyne in the amount of \$315,000 to develop the Signal Management Systems Integration Project. On August 15, 2006, the City Council authorized a contract amendment recognizing Telvent Farradyne, Inc. as successor to PB Farradyne for continued project development.

The Signal Management Systems Integration Project generally consists of integrating the City's existing Multisonics Vehicle Management System (VMS) traffic signal computer monitoring Caltrans' traffic signals. The project additionally establishes systems interface with the City of Santa Ana traffic signal management center. The project's objective is to facilitate the management of recurring and non-recurring congestion through consolidation of traffic systems, to improve user functionality and advance interagency arterial control and incident response management capabilities.

ANALYSIS:

The contract term with Telvent Farradyne Inc. covered a two year period ending August 30, 2007. The project has extended beyond the term primarily due to the unique and complex nature of the new systems interface with Caltrans and the cumbersome multi-level testing and reassessment review processes. The subject contract term extension is therefore recommended to cover remaining development work, and provide an additional time period for Telvent Farradyne to provide subsequent maintenance and support services in compliance with the contract. The attached amendment to professional services agreement, Attachment 1, with Telvent Farradyne, Inc. provides for the necessary contract term extension to November 30, 2009.

ALTERNATIVES CONSIDERED:

One alternative is to not approve the contract amendment. This will result in termination of consulting services and deferral of the project. Under this alternative, the City would forfeit the approved Orange County Transportation Authority (OCTA) grant awards for this project.

FISCAL REVIEW:

No contract cost changes are proposed with this contract amendment. Funding for the proposed professional services was approved in the 2004-2005 Capital Improvement Program Budget via an appropriation of \$316,455. The OCTA grant of \$250,000 was awarded to the City in May 2003. The City's 21% share is appropriated from AB2766 funds. To date, Telvent Farradyne has received \$65,000 of the total contracted amount of \$315,000.

LEGAL REVIEW:

The City Attorney has reviewed and approved the attached amendment to professional services agreement.

CONCLUSION:

The Traffic Signal Management System Integration project, currently in development, consists of enhancing the City's traffic signal control center and establishing system to system interfaces with the City of Santa Ana and Caltrans District 12. Telvent Farradyne is contracted by the City to develop the project under a two year term ending August 30, 2007. Further development work is required to complete the project in conformance with the agreed scope of services. Staff therefore, recommends approval of the new the professional services agreement with Telvent Farradyne to extend the contract term to November 30, 2009.

PETER NAGHAVI
Acting Director of Public Services

KIMBERLY HALL BARLOW
City Attorney

ATTACHMENTS: 1. [Professional Services Agreement Amendment](#)

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