



CITY COUNCIL AGENDA REPORT

MEETING DATE: AUGUST 15, 2006

ITEM NUMBER:

SUBJECT: SIGNAL MANAGEMENT SYSTEM INTEGRATION PROJECT - CONSULTANT CONTRACT AMENDMENT

DATE: JULY 24, 2006

FROM: PUBLIC SERVICES DEPARTMENT/TRANSPORTATION SERVICES DIVISION

PRESENTATION BY: WILLIAM J. MORRIS, DIRECTOR OF PUBLIC SERVICES

FOR FURTHER INFORMATION CONTACT: PETER NAGHAVI, TRANSPORTATION SERVICES MANAGER (714) 754-5182

RECOMMENDATION:

1. Authorize the updated Professional Services Agreement (Attachment 1) to recognize Telvent Farradyne, Inc. as contract successor to PB Farradyne for development of the Signal Management System Integration Project.

BACKGROUND:

In December of 2002, staff submitted grant applications to the Orange County Transportation Authority (OCTA) to enhance the City's traffic signal control system. In May of 2003, OCTA approved a Measure M Signal Improvement Program (SIP) grant award for the Signal Management Systems Integration Project not to exceed \$250,000, covering 79% of project costs.

On September 6, 2005, the City Council awarded a contract to PB Farradyne in the amount of \$315,000 to develop enhancements to the City's traffic signal control system. The Signal Management Systems Integration Project in general consists of integrating the City's existing traffic signal management computer with California Department of Transportation (Caltrans) traffic signals. The system will also establish an interface with the City of Santa Ana traffic signal computer system. The project also includes providing a future migration path for advanced National Transportation Communications for Intelligent Transportation Systems (ITS) Protocol (NTCIP) signal controllers and integration of the City's closed circuit television (CCTV) network. The project's objective is to facilitate the management of recurring and non-recurring congestion through consolidation of traffic systems, improve user functionality, and advance interagency arterial control and incident response management capabilities.

ANALYSIS:

Following the award of the professional services contract, PB Farradyne merged as a subsidiary company under Telvent Farradyne Inc. Telvent Farradyne Inc. has therefore become the controlling entity of the current Signal Management System Integration Project contract. Staff has reviewed references for Telvent Farradyne, Inc. and found them acceptable. The consulting team initially conducting the work under PB Farradyne will continue to develop and coordinate project design under Telvent Farradyne.

The attached amendment to professional services agreement, Attachment 1, establishes Telvent Farradyne, Inc. as the new contract holder. The project is anticipated to be completed in the fall of 2006.

ALTERNATIVES CONSIDERED:

One alternative is to not approve the contract amendment. However, not authorizing the subject amendment would 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:

The approval of the contract amendment to transfer the contract control to Telvent Farradyne has no fiscal impact to the City.

LEGAL REVIEW:

The City Attorney has reviewed and approved the attached amendment to the 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. In September of 2005, the City contracted with PB Farradyne to develop this project. During the project tenure, PB Farradyne was bought by Telvent Farradyne Inc. Staff therefore, recommends approval of the amendment to the professional services agreement with Telvent Farradyne to recognize the new contract ownership.

PETER NAGHAVI
Transportation Services Manager

WILLIAM J. MORRIS
Director of Public Services

KIMBERLY HALL BARLOW
City Attorney

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

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