



**Subject: SILICON VALLEY INTELLIGENT
TRANSPORTATION SYSTEMS WIDE
AND METROPOLITAN AREA
NETWORK PROJECT**

Council Agenda: 12-13-11
Item: 2.26

City Council Action Request

Department: Transportation	CEQA: Exempt, PP02-07-193	Coordination: PBCE, CAO, Budget Office, Risk Management	CMO Approval:  Dept. Approval: /s/ Hans F. Larsen
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RECOMMENDED ACTION:

Approval of a Continuation and First Amendment to the Agreement between the City of San José and Kimley-Horn and Associates, Inc. for the Wide and Metropolitan Area Network Re-Design, Installation, and Configuration Consultant Services to modify the scope of services and extend the termination date from June 30, 2011 to June 30, 2012 with no change in total compensation.

BASIS FOR RECOMMENDATION:

On March 30, 2010, an agreement was executed, in the amount of \$272,000, with Kimley-Horn and Associates, Inc. for services related to the Silicon Valley Intelligent Transportation Systems Wide Area Network (SV-ITS WAN) and the City's Department of Transportation Metropolitan Area Network (DOT MAN) Project. The agreement provides for the redesign of the existing regional fiber communication network (SV-ITS WAN) and the installation and configuration of network equipment to enhance sharing of traffic surveillance video between Santa Clara County cities. The agreement also provides for an evaluation of the existing traffic signal communication network (DOT MAN) and development of implementation strategies to cost effectively add additional traffic surveillance and control systems across the network.

The proposed amendment eliminates completion of a task relating to wireless communication system design under the DOT MAN. This design task was expedited and completed by City staff in order to support the Traffic Light Synchronization Project, which had an earlier delivery deadline. In lieu of this task, with the remaining grant funds, the consultant will expand upon its DOT MAN system analysis work to include network security risks and efficient routing of multiple video streams; and incorporate issues raised by other project stakeholders (partner agencies) and provide redundant communication paths for the SV-ITS WAN.

The term of the agreement must be extended one year retroactively from June 30, 2011 to June 30, 2012 to address this change in scope. The substituted work effort is relatively equivalent to the work eliminated and does not result in a change in total compensation of the agreement.

COST AND FUNDING SOURCE:

There is no additional cost associated with this action.

FOR QUESTIONS CONTACT: Ken Salvail, Senior Engineer, 975-3705