



# Memorandum

**TO:** HONORABLE MAYOR  
AND CITY COUNCIL

**FROM:** Scott P. Johnson

**SUBJECT:** SEE BELOW

**DATE:** February 7, 2007

Approved

*Ray Winev*

Date

*2/16/07*

**COUNCIL DISTRICT:** Citywide

**SUBJECT: REJECT PROPOSALS FOR TRAFFIC SIGNAL CONTROLLER  
FIRMWARE RFP**

## RECOMMENDATION

Reject all proposals that were received in response to RFP #06-07-07, Traffic Signal Controller Firmware, and authorize the Director of Finance to re-solicit proposals.

## OUTCOME

Approval of this recommendation will allow staff to revise requirements as appropriate for re-solicitation and significantly increase probability of receiving responsive proposals.

## BACKGROUND

On June 27, 2006, the City Council approved the upgrade of the Series 2000 Traffic Signal Management System to support the future deployment of the national standard Advanced Traffic Signal Controller (known as a 2070 ATC) and firmware ("Firmware") that allows more efficient traffic flow along bus and light rail transit (LRT) corridors. The current traffic signal controllers have been in place for 20 years and do not support transit signal priority (TSP) operation. They are also no longer supported by the manufacturer. The existing LRT traffic signal management systems are unstable and malfunctioning, preventing signal timing coordination along LRT corridors which has resulted in motorist complaints, most notably along Capitol Avenue.

The Department of Transportation (DOT) requires the purchase of new traffic controller Firmware that would operate on the 2070 ATC. The initial procurement of Firmware will support TSP for bus specifically for Valley Transit Authority (VTA) Rapid 522 bus route that runs along Rte. 82 (30 intersections along The Alameda and Santa Clara Street). The initial

procurement of Firmware that supports TSP for LRT will be for 41 LRT signalized intersections along Capitol Avenue and major intersections along other VTA LRT corridors. Both of these projects are being implemented in partnership with other local agencies, California Department of Transportation (Caltrans), and VTA, and are partially funded by Transportation for Clean Air Grant funds.

**ANALYSIS**

A Request for Proposal (RFP) was released and advertised on November 1, 2006. The RFP requested proposals for 1) Standard/TSP for Bus and 2) TSP for LRT. Representatives from seven companies attended the mandatory conference on November 14, 2006 to receive an overview of the RFP, a detailed explanation of the current LRT operations, and answers to any questions prospective proposers may have. Three addenda were subsequently issued to provide detail and clarification based on questions received from the proposers. Seven proposals were received on December 15, 2006 for consideration. Two proposals did not meet the minimum experience qualifications as specified in the RFP. Upon further review, the other five proposals were deemed non-responsive because they did not meet the mandatory Firmware requirements. Below is a summary of the proposals and non-responsive determination:

Company Name/ Firmware Name	Proposals		Reason Non-Responsive
	Standard/ TSP for Bus	TSP for LRT	
Fourth Dimension Traffic (San Francisco, CA) • D4	X	X	Did not meet minimum qualifications
Econolite (Anaheim, CA) • ASC/2070	X		Did not meet mandatory technical requirements
Siemens ITS (Berkeley, CA) • Eagles SEPAC • NextPhase	X X	X X	Did not meet mandatory technical requirements Did not meet mandatory technical requirements

With all proposals disqualified, staff recommends reviewing the minimum qualifications as well as the mandatory technical requirements and incorporating changes as deemed appropriate for the re-solicitation of the RFP. The re-issuance of the revised RFP must be expedited to meet the grant deadline of November 30, 2007 for implementing TSP for bus. Staff is in the process of negotiating with VTA to modify the terms of the funding agreement to ensure the City could still fulfill the obligation of the grant.

**POLICY ALTERNATIVES**

Not applicable.

**PUBLIC OUTREACH/INTEREST**



**Criteria 1:** Requires Council action on the use of public funds equal to \$1 million or greater; **(Required: Website Posting)**



**Criteria 2:** Adoption of a new or revised policy that may have implications for public health, safety, quality of life, or financial/economic vitality of the City. **(Required: E-mail and Website Posting)**



**Criteria 3:** Consideration of proposed changes to service delivery, programs, staffing that may have impacts to community services and have been identified by staff, Council or a Community group that requires special outreach. **(Required: E-mail, Website Posting, Community Meetings, Notice in appropriate newspapers)**

This item does not meet any of the criteria below. However, this requirement was advertised on the City's internet Bid-Line and the DemandStar solicitation notification system.

**COORDINATION**

This memorandum has been coordinated with the Department of Transportation and with the City Attorney's Office.

**FISCAL/POLICY ALIGNMENT**

Not applicable.

**COST SUMMARY/IMPLICATIONS**

Not applicable.

**BUDGET REFERENCE**

Not applicable.

HONORABLE MAYOR AND CITY COUNCIL

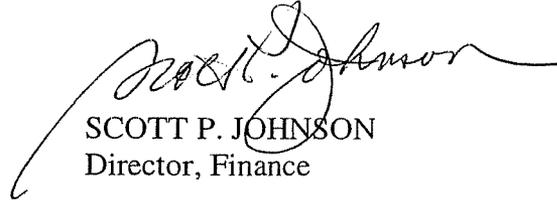
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**CEQA**

Not a project.



SCOTT P. JOHNSON  
Director, Finance

For questions please contact Walter C. Rossmann, Chief Purchasing Officer at (408) 535-7051.

