



Memorandum

TO: HONORABLE MAYOR
AND CITY COUNCIL

FROM: Scott P. Johnson

SUBJECT: SEE BELOW

DATE: November 13, 2006

Approved

Deanna Satra

Date

11/13/06

COUNCIL DISTRICT: City-Wide

**SUBJECT: PURCHASE OF LIGHT EMITTING DIODE (LED) PEDESTRIAN
"COUNTDOWN" SIGNAL MODULES**

RECOMMENDATION

Adoption of resolution authorizing the Director of Finance to execute a purchase order to Jam Services, Livermore, CA for 1,136 "countdown" pedestrian signal modules, at a cost of \$250,530 including tax, freight and a 60 (sixty) month warranty against defect in materials and workmanship.

OUTCOME

Execution of the purchase order will allow the Department of Transportation to upgrade approximately 142 pedestrian intersections with 1,136 new standard "countdown" pedestrian crosswalk signals to aid pedestrian safety, particularly children at signalized locations near schools. The recommended actions support the Transportation and Aviation City Services Area goal to *provide safe and secure Transportation Systems*.

BACKGROUND

In March 2005, Council approved the Mayor's budget recommendations to make a series of pedestrian safety improvements throughout the City. One recommendation in the Mayor's budget message was for the City to install pedestrian countdown signals at 50 intersections in San José. These signal heads provide a numerical display indicating how much time is left for pedestrians to complete their crossing of the street. The signal heads are also illuminated by LEDs, which are the most energy efficient lamp available.

On December 6, 2005, Council approved (Item 6.2) the purchase of light emitting Diodes (LEDs) traffic signal modules to Jam Services (Livermore, CA), the only responsive and responsible bidder. The original award included the purchase of traditional "walk/don't walk" pedestrian signal modules for 500 intersections and "countdown" pedestrian signal modules for 64 intersections. On May 9, 2006 Council approved (Item 2.6) the purchase of an additional 2,800 "countdown" pedestrian signal modules for 350 intersections replacing the "walk/don't walk" pedestrian signal modules as the new accepted standard modules. The original bid provided for extension of the formal bid pricing to the City of San Jose for a total of twenty-four months.

In an effort to further expand this program, in June 2005, the City applied for the Safe Routes to School funding to install pedestrian countdown signals at an additional 98 signalized locations near schools throughout the City. In June of 2006, the City was notified that it was one of the grant recipients.

On August 29, 2006 Council authorized the City Manager to negotiate and execute a Safe Routes to School (SR2S) grant agreement with the California Department of Transportation (Caltrans) that provided for the City's receipt of grant funds, in an amount not to exceed \$382,500, for the installation of pedestrian countdown signals at 98 intersections throughout San José and for pedestrian outreach and education through the City's Street Smarts School Education Program.

ANALYSIS

Staff recommends using the original bid award to Jam Services, approved by Council on December 6, 2005. Jam Services was the only bidder able to meet the DOT specifications for "countdown". In the original bid, Jam Services extended their pricing per the bid for a two-year period to the City of San Jose. The pedestrian "countdown" signal module provided by Jam Service has proved to have an excellent product, which has become the standard for City of San Jose pedestrian crosswalks.

This project will enable the City to install pedestrian countdown signal heads at additional 142 signalized intersections located immediately adjacent to, or on walking routes to a total of 72 public and private elementary schools, middle schools and high schools in San José.

The City has exceeded the Council's goal of installing 50 countdown intersections in the City. To date the City has installed 3,280 countdown modules for 410 intersections.

POLICY ALTERNATIVES

Staff researched the strategy of taking advantage of other public agency contracts for “countdown” pedestrian signals such as Sacramento’s recent bid and found that it would actually increase the City of San Jose’s pricing per unit from \$203.71 to \$250.00 per unit.

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)**

While this purchase order does not meet any of the above criteria, this memorandum is posted on the City’s website for the December 5, 2006 Council Agenda.

COORDINATION

This memorandum has been coordinated with the Department of Transportation and the offices of the City Manager’s Budget and City Attorney.

FISCAL/POLICY ALIGNMENT

This Council item is consistent with the Council approved General Budget Principle “Promote innovations among employees and the community for creative problem-solving and identification of new resources.”

HONORABLE MAYOR AND CITY COUNCIL.

November 13, 2006

Subject: Purchase of Light Emitting Diode (LED) Pedestrian "Countdown" Signal Modules

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BUDGET REFERENCE

Fund #	Appn #	Appn. Name	Total Appn	Amt. for Contract	Adopted Budget Page	Last Budget Action (Date, Ord. No.)
465	4602	Traffic Safety – School Walking Routes	\$435,00	\$250,530		08/29/06 Ord. No. 27839

CEQA

Not a project.


SCOTT P. JOHNSON
Director, Finance

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