

# Agenda Report

**TO:** CITY COUNCIL

**DATE:** July 27, 2009

**FROM:** CITY MANAGER

**SUBJECT:** CONTRACT AWARD TO REPUBLIC ITS, INC., FOR THE REPLACEMENT OF VEHICLE AND PEDESTRIAN HEADS CITYWIDE, FOR AN AMOUNT NOT TO EXCEED \$1,300,000.

**RECOMMENDATION:**

It is recommended that the City Council:

1. Acknowledge the project to be categorically exempt under Section 21084 of the California Environmental Quality Act (CEQA) in accordance with Article 19, Section 15301 (Class 1), subsection (c) of the Resources Agency of California Guidelines (minor alterations involving negligible expansion of use beyond that previously existing) pursuant to the findings of the Secretary of the Resources Agency; and
2. Accept the bid dated June 1, 2009, submitted Republic ITS, Inc., in response to the Specifications for the Replacement of Vehicle and Pedestrian Heads Citywide, reject all other bids received, and authorize the City Manager to enter into such contract as is required for an amount not to exceed \$ 1,300,000.

**BACKGROUND:**

This project is the second phase of the light emitting diodes (LED) modification which involves the replacement of incandescent vehicle and pedestrian signal heads with LED, and the conversion of 8-inch incandescent vehicle signal heads with 12-inch LED. This replacement will provide significant energy savings, longer light source lifetime versus incandescent, and a decrease in carbon dioxide emission while complying with the City's Environmental Goals and Green City Action Plan. The City has a diminishing supply of incandescent bulbs for vehicle signal heads, which are no longer available. There are some modifications of existing pedestrian signal heads that will be outfitted with a countdown type pedestrian signal head.

Findings of compliance with the General Plan were previously made in the FY 2009-2014 Capital Improvement Program and can be found on page 5.19.

The City's Environmental Administrator has determined the project was categorically exempt under the California Environmental Quality Act (CEQA) Guidelines in Section 15301(c), Existing Facilities, of the California Code of Regulations Title 14, Chapter 3. This exemption includes minor alterations involving negligible expansion of use beyond that previously existing. A Notice of Exemption for the project was filed with the Los Angeles County Clerk on June 30, 2009.

The Department of Public Works prepared specifications for this project and bids have been received.

This project was advertised in the Pasadena Journal on June 11, 2009. In addition, the Notice Inviting Bids was published in two trade publications and on two websites. Bid packets were obtained by 30 contractors, 16 of whom submitted bids for the project.

Following advertising, bids were received on July 15, 2009, and are as follows:

	<u>Bidder</u>	<u>Amount</u>
1.	Republic ITS, Inc.,	\$ 1,132,900
2.	Christopher Morales, Inc.,	\$ 1,162,290
3.	Pro Tech Engineering,	\$ 1,181,375
4.	Freeway	\$ 1,227,224
5.	Comet Electric	\$ 1,238,922
6.	C.T.&F.	\$ 1,266,018
7.	Dynalectric	\$ 1,267,977
8.	Steiny & Co.	\$ 1,315,850
9.	Manuel Brothers	\$ 1,377,300
10.	Terno, Inc.	\$ 1,490,652
11.	VT Electric	\$ 1,560,522
12.	Torres Construction	\$ 1,688,716
13.	California Professional Engineer's Estimate	\$ 1,784,609 \$ 2,132,850

The lowest responsive bid received was 46.9 percent lower than the Engineer's Estimate. Bids received were lower than the Engineer's Estimate due to the overestimation of the materials cost, the size of the project and the present economic condition. Staff used unit prices for a LED conversion of traffic signal indicators on one intersection completed in 2006. Material cost was substantially less than estimated due to quantity of scale between the two projects. This project consists of 272 intersections.

It is recommended that Republic ITS, Inc. be awarded a contract for this project as they are the lowest responsive and responsible bidder and that all other bids be rejected. The proposed contract with Republic ITS, Inc., fully complies with the Competitive Bidding and Living Wage Ordinances. The Contractor has indicated that the award of this contract will result in no new hires to its present workforce.

The contract will be set up as follows:

Base Bid	\$ 1,132,900
Contingency Allowance	\$ 167,100
Contract "Not to Exceed" Amount	\$ 1,300,000

It is anticipated that work will begin in August 2009, and be completed in November 2009.

**ENVIRONMENTAL ISSUES:**

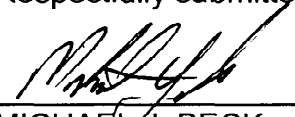
This project is in compliance with the City's Environmental Goals and Green City Action Plan achieving energy efficiency by helping to reduce the City's peak electric load by 10% by 2012.

Converting all City vehicle and pedestrian signal heads will provide less energy consumption, decrease maintenance demand, provide longer lasting operation, and more importantly provide the City an annual energy cost savings of 60% to 70%.

**FISCAL IMPACT:**

Sufficient funding from the State Traffic Congestion Relief Program, General Fund and Public Benefit Charge (Power Fund) is available in Capital Improvement Program Budget Account No. 75709 to complete the project.

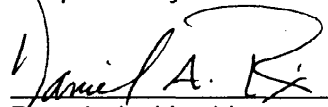
Respectfully submitted,




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MICHAEL J. BECK  
City Manager

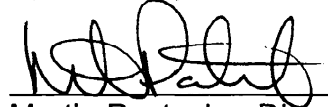
Prepared by:




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Bonnie L. Hopkins  
Principal Engineer

Approved by:




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Martin Pastucha, Director  
Department of Public Works