



# Agenda Report

May 12, 2014

**TO:** Honorable Mayor and City Council  
**FROM:** Department of Public Works  
**SUBJECT: REJECTION OF BIDS FOR INTELLIGENT TRANSPORTATION SYSTEM (ITS) PHASE I PROJECT**

## **RECOMMENDATION:**

It is recommended that the City Council reject the bids received on November 5, 2013, in response to the Notice Inviting Bids for the Intelligent Transportation System (ITS) Phase I Project.

## **BACKGROUND:**

This project is part of the larger Intelligent Transportation System (ITS) Phase I project, which is included in the adopted Capital Improvement Program. The project involves the following improvements:

- Connect existing intersections to the City's fiber network;
- Upgrade existing intersections with video detection software and equipment;
- Upgrade the Traffic Management Center (TMC) with new equipment, consoles and work stations; and
- Provide information to the public with real-time availability of parking spaces at various public parking garages.

This work includes the installation of conduit and fiber optic communication lines; installation of video detection software and equipment at various intersections; installation of a new video board, consoles and work stations in the TMC; installation of sensors, vehicle counters, and changeable message signs at entry points to various public parking garages.

This project was originally advertised on January 14, 2013, with a bid opening of February 13, 2013. The City Council rejected all bids on March 18, 2013 because the one bid received was significantly higher than the engineer's estimate. The Department of Public Works and the Department of Transportation then developed a modified scope of work and the project was re-advertised on October 3, 2013.

# Reject Bids for the Intelligent Transportation System (ITS) Phase I Project

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The modified scope of work involved a reduction in the original number of parking garages from nine to six garages to be outfitted with parking guidance systems. This technology includes the installation of sensors to identify vehicle occupancy, and dynamic and static signage for displaying the occupancy in each garage. This work also included connecting the parking office located in each of the six garages to the City's fiber network.

The Department of Public Works prepared plans and specifications for this project in accordance with Section 4.08.070 of the Pasadena Municipal Code and published a Notice Inviting Bids in the *Pasadena Journal*, two trade publications and on two websites. Bid packets were obtained by 30 contractors, three of whom submitted a bid for the project.

Following advertising, bids were received on November 5, 2013, and are as follows:

	Bidder	Amount (\$)
1.	Flatiron Electric Group, Inc., Chino, CA	\$ 2,108,987
2.	Select Electric, Inc., Poway, CA	\$ 2,299,790
3.	Horizons Construction Co., Anaheim, CA	\$ 2,469,396

The lowest bid received is \$2,108,987 and is 36% higher than the engineer's estimate of \$1,550,213.

Even with the modified scope of work, bids continue to be significantly higher than the engineer's estimate. The multi-disciplinary and complex nature of this project, from procurement and installation of high tech transportation equipment to indoor modification and renovation of the Transportation Management Center, are the key factors causing the high bids.

The Department of Public Works and the Department of Transportation have re-evaluated the project and are again revising the bid documents. The Department of Transportation has procured a consultant to prepare detailed specifications and estimates for the parking guidance portion of the project. Upon completion of the specifications and estimates, the Department of Public Works will re-advertise the project in June 2014.

## **COUNCIL POLICY CONSIDERATION:**

The project supports the City Council's strategic goals to improve, maintain and enhance public facilities and infrastructure and to improve mobility and accessibility throughout the City of Pasadena. It is also consistent with the Seismic and Safety Element of the General Plan by helping to achieve and maintain an environment in which Pasadena residents can enjoy personal safety and security.

**ENVIRONMENTAL ANALYSIS:**

There is no environmental impact from this action.

**FISCAL IMPACT:**

Rejecting of bids will have no fiscal impact.

Respectfully submitted,



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