



# CITY OF LONG BEACH

# R-20

DEPARTMENT OF PUBLIC WORKS

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August 7, 2012

HONORABLE MAYOR AND CITY COUNCIL  
City of Long Beach  
California

## RECOMMENDATION:

Adopt Plans and Specifications No. R-6859 for Installing and Modifying Traffic Control Signals at Various Intersections, award the project to and authorize the City Manager to execute all documents necessary to enter into a contract with California Professional Engineering in an estimated amount of \$578,741, plus a 15 percent contingency of \$86,811, for a total of \$665,552, and to execute any necessary amendments thereto. (District 5, 8 and 9)

## DISCUSSION

The proposed project is for furnishing, installing and modifying traffic signal equipment at four intersections as recommended by the City Traffic Engineer. This signal upgrade has been designed to enhance traffic flow and intersection safety. The project will include the following intersections:

- Locust Avenue at Del Amo Boulevard
- Woodruff Avenue at Spring Street
- Snowden Avenue at Spring Street
- Obispo Avenue at Artesia Boulevard

The City Council's adoption of the plans and specifications, and award of the contract to the lowest responsible bidder are being recommended concurrently in order to expedite implementation of this project. The project was advertised for bids on February 24, 2012, and bids were opened on April 4, 2012. In addition to placing an advertisement for bids in the Long Beach Press Telegram, bid documents were made available through the City's weblink at, <http://www.PlanetBids.com> in a continuing effort to increase participation of local businesses, Minority Business Enterprises (MBEs), Women Owned Business Enterprises (WBEs), and Disadvantaged Business Enterprises (DBEs). Bid documents were also sent to several trade publications and plan rooms catering to these groups within the construction industry.

For this bid, 400 firms registered on the website were notified via automatic email notice, including 34 located in Long Beach. Seventeen sets of bid documents were purchased by prospective bidders, and eight bids were received. Of the bidding firms, none are local businesses, two are MBEs, and one is a WBE. There were no DBE

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registered firms that submitted bids. California Professional Engineering, of La Puente, California, has been determined to be the lowest responsible bidder.

This matter was reviewed by Deputy City Attorney Linda Trang on July 12, 2012 and by Budget Management Officer Victoria Bell on July 16, 2012.

### SUSTAINABILITY

The proposed traffic signal improvements are designed to improve traffic safety for students and others in the neighborhood. The new traffic signals should reduce and potentially eliminate accidents in the future. According to the Federal Highway Administration, preventing a single moderate injury accident has a societal benefit of \$40,000. In addition to the societal benefits from reduced accidents, the traffic signal is expected to significantly reduce vehicle idling time for traffic at the intersection, thus reducing fuel consumption by an estimated 1,400 gallons annually and eliminating more than 25,000 pounds of air pollution annually.

### TIMING CONSIDERATIONS

City Council action on this matter is requested on August 7, 2012, to authorize commencement of this Public Works project. Signal poles are long lead-time items for ordering, so construction is projected to begin in October and is expected to take approximately 60 working days.

### FISCAL IMPACT

Sufficient funds to complete this project are budgeted in the Gas Tax Street Improvement Fund (SR 181) in the Department of Public Works (PW). There is no impact to the General Fund. The number of additional full-time equivalent (FTE) local jobs created by this project will not be known until the contractor completes their hiring and construction has commenced.

### SUGGESTED ACTION:

Approve recommendation.

Respectfully submitted,

  
MICHAEL P. CONWAY  
DIRECTOR OF PUBLIC WORKS

APPROVED:

  
PATRICK H. WEST  
CITY MANAGER