



CITY COUNCIL AGENDA REPORT

MEETING DATE: JUNE 18, 2013

ITEM NUMBER:

SUBJECT: PURCHASE OF NINE (9) TRAFFIC SIGNAL POLES FOR THE HARBOR BOULEVARD AND ADAMS AVENUE INTERSECTION IMPROVEMENTS AND THE HARBOR BOULEVARD WIDENING PROJECTS

DATE: JUNE 3, 2013

FROM: PUBLIC SERVICES DEPARTMENT – TRANSPORTATION SERVICES DIVISION

PRESENTATION BY: ERNESTO MUNOZ, PUBLIC SERVICES DIRECTOR

FOR FURTHER INFORMATION CONTACT: RAJA SETHURAMAN, TRANSPORTATION SERVICES MANAGER, (714) 754-5032

RECOMMENDATION:

Approve two purchase requisitions (Attachments 1 and 2) in the amounts of \$69,115.20 for the Harbor Boulevard and Adams Avenue Intersection Improvements Project and \$5,831.68 for the Harbor Boulevard Widening Project, respectively, for purchase of nine (9) traffic signal poles from Pacific Lighting Sales, Inc., 23666 Birtcher Drive, Suite 100, Lake Forest, CA 92630.

BACKGROUND:

Harbor Boulevard and Adams Avenue Intersection Improvements Project

In October 2006, the City Council approved a Memorandum of Understanding (MOU) between the Cities of Costa Mesa, Fountain Valley, Huntington Beach, and the Orange County Transportation Authority (OCTA) regarding the proposed Garfield Avenue/Gisler Avenue Bridge as a result of the Santa Ana River Crossings (SARX) Study. The MOU included implementation of several mitigation measures to offset the construction of the Garfield Avenue/Gisler Avenue Bridge. The improvements at the Harbor Boulevard/Adams Avenue intersection are identified as part of this MOU.

In 2011, Public Services staff secured Measure M and State funds for the construction of intersection improvements at Harbor Boulevard and Adams Avenue. A significant element of this project will be the addition of a third eastbound left-turn lane and a second southbound right-turn lane. These improvements will require widening at all four (4) corners of the intersection and extensive modifications to the existing traffic signal. Eight (8) new traffic signal poles and mast arms are required to accommodate the improvements.

Harbor Boulevard Widening Project

The original scope of the project includes widening of northbound Harbor Boulevard from South Coast Drive to Sunflower Avenue to provide four (4) travel lanes. In September 2010, construction to widen Harbor Boulevard between South Coast Drive and Law Court was completed. However, construction between Law Court and Sunflower Avenue was postponed due to right-of-way and funding constraints.

Staff secured Measure M2 funding for the acquisition of right-of-way and the construction of the remaining portion of Harbor Boulevard between Law Court and Sunflower Avenue to complete

the project. This will require modification of the traffic signal at the intersection of Harbor Boulevard and Sunflower Avenue. One new traffic signal pole and mast arm will be required for the southeast corner.

ANALYSIS:

The Public Services Department is scheduled to award construction contracts for both the Harbor Boulevard and Adams Avenue Intersection Improvements and the Harbor Boulevard Widening projects in October 2013. Typically, traffic signal poles for these projects are provided by the contractor under the construction contract. However, the signal pole manufacturing and delivery process takes approximately 12 to 14 weeks, thereby delaying the start of construction. Overhead and administration costs for pole procurement are additionally applied by the contractor when the signal poles are included in the construction contract. Therefore, in an effort to advance project delivery and reduce costs, the Transportation Services Division solicited quotes for the procurement of nine (9) traffic signal poles required for these projects.

Two (2) quotes were received from traffic signal pole manufacturers to provide the required signal poles. Following a careful review of the quotes, staff determined that the fees submitted by Pacific Lighting Sales, Inc. meet the project specifications and constitute the lowest fee for furnishing the poles. The City has purchased products from Pacific Lighting Sales, Inc. in the past with satisfactory results.

ALTERNATIVES CONSIDERED:

An alternative is to not approve the purchase of the nine (9) signal poles and to direct the contractor to include pole procurement within the construction contracts once awarded by the City Council. However, this would result in delaying the construction of the Harbor Boulevard and Adams Avenue Intersection Improvements and the Harbor Boulevard Widening projects by approximately three (3) months, extending the construction work duration, and increasing contractor overhead and administration costs.

FISCAL REVIEW:

The construction phase of the Harbor Boulevard and Adams Avenue Intersection Improvements Project is estimated to cost approximately \$4.0 million. Public Services staff has secured Measure M2 and Proposition 1B State-Local Partnership Program (SLPP) grant funding in the amount of \$2,964,000 toward construction. The remaining matching funds have been allocated from Traffic Impact Fee funds. The construction phase of the Harbor Boulevard Widening Project is estimated to cost approximately \$1.0 million. Staff secured Measure M2 grant funding in the amount of \$748,800 toward construction. The remaining matching funds have been allocated from Traffic Impact Fee and Air Quality Management District (AQMD) funds. Funding for procurement of the traffic signal poles was included in the FY 2012/13 Capital Improvement Program budget for the two (2) projects.

LEGAL REVIEW:

A legal review of this item is not required.

CONCLUSION:

The Harbor Boulevard and Adams Avenue Intersection Improvements Project consists of constructing a third eastbound left-turn lane and a second southbound right-turn lane. The Harbor Boulevard Widening Project consists of constructing a fourth northbound through lane between Law Court and Sunflower Avenue. These improvements require traffic signal modifications at the intersections of Harbor Boulevard at Adams Avenue and Harbor Boulevard at Sunflower Avenue, including the installation of new traffic signal poles. Staff recommends that the City advance the



CITY OF COSTA MESA, CALIFORNIA
Purchase Requisition

ATTACHMENT 1

Purchase Order
 Number
 (Assigned by Purchasing)

(Leave Blank for Time Stamp)

Business Unit: CITY Date Requisitioned: 5/30/2013
 Department: Public Svs Division: Transportation Svs
 Ship To Address: 77 Fair Dr. Costa Mesa Ca 92626
 Contact Person: David Cho Phone Number: 5017
 Send Copy of P.O. to: Contact Person and / or Raja Sethuraman

- Request is for Budgeted item(s)
- Request is for **UNBUDGETED** item(s)-(Memo Attached)
- Item(s) Pending Budget Amendment Request # _____
- Requesting Sole Source (Justification Form Attached)
- Fixed Asset Tag Request

Item No.	Qty	Unit	Items (Give Full Description: Size, Catalog No. Etc.)	Unit Price	Estimated Amount
1	1	LT	Eight (8) Traffic Signal Poles and Mast Arms Assembly per Attached Quote for Harbor/Adams Project Intersection of Harbor Blvd. and Adams Ave.	\$55,365.00	\$55,365.00
1	1	LT	Ameron Crane Truck Unloading	\$1,280.00	\$1,280.00

If additional lines are needed, please attach a second sheet

Const./Prof. Svs. Agmt. Completion Date: 6/30/14

Insurance Required: Yes (Certificate attached) No

Sales Tax (7.75%): \$4,429.20
 Include Shipping Fee: \$8,041.00
Estimated Total Cost † \$69,115.20

Item #	Account	Fund	Dept./Org.	Program	Project	Amount
1	500000	415	19300	30112	300129	\$69,115.20
						Total † \$69,115.20

Comments:

Proper approvals are required before requisition can be processed.

Suggested Vendor: Pacific Lighting Sales Inc.
 Address: 23666 Birtcher Drive, Suite 100
 City, State, Zip Code: Lake Forest, CA 92630
 Phone: 949.597.1633 Fax: 949.597.1753
 Vendor's Contact Person: Wayne Howren

Ordered By:
 Department Director/Authorized Signature
 Approved By:
 Director of Finance/Purchasing Officer
 Approved By: _____
 City Manager (when required)

PURCHASING DIVISION USE ONLY		
Vendor ID:	Buyer:	Insurance valid thru _____
Ship To/Location:	Due Date:	
Standard Comments: ACC - ALL - ARR - BLA - CON - DCP - DIS - FCA - FCI - FIX - INS - IS - IST - ORG - QTR - REM - SUB - T&C		
FINANCE DEPARTMENT USE ONLY		
Available Appropriation: <input type="checkbox"/> Yes <input type="checkbox"/> No	As of:	Confirmed By:



CITY OF COSTA MESA, CALIFORNIA
Purchase Requisition

Purchase Order
 Number
 (Assigned by Purchasing)

(Leave Blank for Time Stamp)

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- Request is for Budgeted item(s)
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- Item(s) Pending Budget Amendment Request # _____
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- Fixed Asset Tag Request

Item No.	Qty	Unit	Items (Give Full Description: Size, Catalog No. Etc.)	Unit Price	Estimated Amount
1	1	LT	One (1) Traffic Signal Pole and Mast Arm Assembly per Attached Quote for Harbor Widening Project Intersection of Harbor Blvd. and Sunflower Ave.	\$5,146.00	\$5,146.00

If additional lines are needed, please attach a second sheet

Const./Prof. Svs. Agmt. Completion Date: 6/30/14

Insurance Required: Yes (Certificate attached) No

Sales Tax (7.75%): \$411.68
 Include Shipping Fee: \$274.00
Estimated Total Cost † \$5,831.68

Item #	Account	Fund	Dept./Org.	Program	Project	Amount
1	500000	415	19300	30112	300142	\$5,831.68

Comments: Total † \$5,831.68

Proper approvals are required before requisition can be processed.

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 City, State, Zip Code: Lake Forest, CA 92630
 Phone: 949.597.1633 Fax: 949.597.1753
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Ordered By:
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 Approved By: _____
 City Manager (when required)

PURCHASING DIVISION USE ONLY		
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Ship To/Location:	Due Date:	
Standard Comments: ACC - ALL - ARR - BLA - CON - DCP - DIS - FCA - FCI - FIX - INS - IS - IST - ORG - QTR - REM - SUB - T&C		
FINANCE DEPARTMENT USE ONLY		
Available Appropriation: <input type="checkbox"/> Yes <input type="checkbox"/> No	As of:	Confirmed By: