

AGENDA ITEM NO.

COUNCIL MEETINGAPPROVED BYDEPARTMENT DIRECTOR

CITY MANAGER

June 5, 2007

FROM: JON R. RUIZ, Interim Director  
Public Works Department

BY: SCOTT KRAUTER, PE, Capital Projects Manager  
Public Works Department

SUBJECT: AWARD A CONSTRUCTION CONTRACT IN THE AMOUNT OF \$475,668.20 TO BILL MARVIN ELECTRIC, INC. FOR 1) THE INSTALLATION OF NEW TRAFFIC SIGNAL FACILITIES AT THE INTERSECTION OF BARSTOW AND MILLBROOK AVENUES AND 2) MODIFICATION OF EXISTING TRAFFIC SIGNAL FACILITIES AT ASHLAN AND MILLBROOK AVENUES (COUNCIL DISTRICT 4)

### KEY RESULT AREA

Customer Service, KRA Code 0101001000

### RECOMMENDATION

Staff recommends that the City Council award a construction contract in the amount of \$475,668.20 to Bill Marvin Electric, Inc. as the lowest responsive and responsible bidder for 1) the installation of new traffic signal facilities at the intersection of Barstow and Millbrook Avenues, and 2) modification of existing traffic signal facilities at the Ashlan and Millbrook Avenues, and authorize the Public Works Director or his assignee to sign the contract on behalf of the City.

### EXECUTIVE SUMMARY

The Public Works Department is prepared to perform traffic signal improvements at two locations along Millbrook Avenue. The combined project will, 1) install new traffic signal facilities at the intersection of Barstow and Millbrook Avenues, and 2) modify existing traffic signal facilities at the intersection of Ashlan and Millbrook Avenues to provide protected left turn phasing. The Barstow and Millbrook Avenues intersection is ranked fourth on the Council approved 2007 City-wide Priority Ranking List for New Traffic Signal Installations. The Ashlan and Millbrook Avenues intersection ranks fourth on the priority list for installation of protected left turn phasing. Funding for this project is from City-wide Traffic Signal Mitigation Impact Fees and is included in the FY07 capital budget.

### KEY OBJECTIVE BALANCE

This project best balances the three Key Objectives of Customer Satisfaction, Employee Satisfaction and prudent Financial Management. The goal of this project is to improve traffic safety and traffic flow by installing a new traffic signal and modifying existing traffic signal to provide protected left turn phasing. The result will be improved traffic safety, efficiency and reduced traffic congestion, ensuring Customer Satisfaction. Employee Satisfaction is derived from completion of this very vital project.

Financial Management objectives are achieved from award of contract to the lowest responsive and responsible bidder. This project is located within the boundaries of City Council District 4.

## **BACKGROUND**

The proposed combined project has met established warrants for 1) new traffic signal installation and 2) modification of existing for installation of protected left turn phasing. Installation at Barstow and Millbrook Avenues is ranked number four on the priority list for new traffic signal installation. The intersection of Ashlan and Millbrook Avenues is also ranked number four for protected left turn phasing modification. The project includes installation and modification of traffic signal facilities, reconstruction of curb returns and wheelchair ramps, median island nose reconstruction and minor asphalt concrete resurfacing.

A Notice Inviting bids was published in the Business Journal on April 2, 2007, posted on the City's Website and faxed to eleven building exchanges. The specifications were distributed to ten prospective bidders. Three sealed bid proposals were received and opened in the public bid opening on April 19, 2007. The bid proposal prices ranged from \$475,668.20 to \$533,665.00.

Bill Marvin Electric, Inc. submitted the lowest bid in the amount of \$475,668.20. The contract amount is 3.3% above the Engineer's Estimate and is considered a responsive and responsible bidder. The staff determination was posted on the City's website on May 25, 2007.

Funding for this project will be from Traffic Signal Mitigation Impact Fees and is included in the FY07 budget.

The City Council may:

A. Adopt staff's recommendation to:

Award a construction contract in the amount of \$475,668.20 to Bill Marvin Electric, Inc. for the installation of new traffic signal at Barstow and Millbrook Avenues and modification of existing traffic signal facilities at Ashlan and Millbrook Avenues.

The project will be completed within eighty (80) working days from the date of the Notice to Proceed, or

The Council may reject all bids. If all bids are rejected, the project will be re-bid resulting in a delay of approximately sixty (60) days.

## **FISCAL IMPACT**

See attached Fiscal Impact Statement.

JRR/SK/LS/eam  
Awd Cont Traf Sig Intersec Barstow-Millbrk & Ashln-Millbrk 6-5-07

Attachments: Bid Evaluation Proposal  
Fiscal Impact Statement

**EVALUATION OF BID PROPOSALS**

**FOR: TRAFFIC SIGNAL INSTALLATION ASHLAN & MILLBROOK AND BARSTOW AND MILLBROOK**

Bid File No.2631  
Bid Opening: 04/19/07

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**BIDDERS'S**

**TOTAL NET BID AMOUNT**

- |   |              |
|---|--------------|
| 1. Bill Marvin Electric, Inc<br>2705 N Larkin Ave<br>Fresno, CA 93727 | \$475,668.20 |
| 2. Lockwood General Eng.<br>10533 W Goshen Ave<br>Visalia, CA 93291   | \$497,864.00 |
| 3. A-C Electric Company<br>1835 E Lamona<br>Fresno, CA 93703          | \$533,665.00 |
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Each bidder has agreed to allow the City sixty-two (62) days from date bids are opened to accept or reject their bid proposal. Purchasing requests that you complete the following sections and return this bid evaluation to the Purchasing Division at the latest by Wednesday, May 16, 2007 5:00 P.M.

The Engineer's Estimate for this expenditure is \$ 460,355.00. The contract price is 3.3 % above the Engineer's Estimate. If the overage is greater than 10% or only one bid was received, give explanation:

**BACKGROUND OF PROJECT** (To be completed by Evaluating Department/ Division. Explain need for project/equipment):

This traffic signal project will install a new traffic signal at the intersection of Barstow and Millbrook and modify existing traffic signal at Ashlan and Millbrook to provide left turn phasing. They both are high on the traffic signal installation and modification priority list. The project will improve safety and operating service level of the intersections.

EVALUATION OF BID PROPOSALS

FOR: TRAFFIC SIGNAL INSTALLATION ASHLAN & MILLBROOK AND BARSTOW AND MILLBROOK

Bid File No.2631  
Bid Opening: 04/19/07

DEPARTMENT CONCLUSIONS AND RECOMMENDATION:

Award a contract in the amount of \$ \$475,668.20  
to Bill Marvin Electric, Inc as the lowest responsive and responsible bidder.

Remarks:

Reject all bids. Reason:

Department Head Approval

M.T. Kinn

Title City Eng.

Date May 17, 2007

- Approve Dept. Recommendation       Approve GSD/Purchasing Recommendation
- Disapprove       Disapprove
- See Attachment

GENERAL SERVICES DEPARTMENT

CITY MANAGER

Janet Smith 5/18/07  
Purchasing Manager      Date

B. Paul 5/20/07  
City Manager or Designee      Date

Kaylen D 5/21/07  
Director      Date

## FISCAL IMPACT STATEMENT

PROGRAM: PW00296 (Ashlan and Millbrook) & PW00300 (Barstow and Millbrook)

<u>RECOMMENDATION</u>	<u>TOTAL OR CURRENT</u>	<u>ANNUALIZED COST</u>
Direct Cost	<u>\$565,700</u>	_____
Indirect Cost	_____	_____
<b>TOTAL COST</b>	<u><u>\$565,700</u></u>	_____
Additional Revenue or Savings Generated	_____	_____
Net City Cost	_____	_____
Amount Budgeted (If none budgeted, identify source)	<u>\$565,700</u>	_____

Remarks:

	<u>PW00296</u>	<u>PW00300</u>	<u>Total</u>
Construction Contract:	<u>\$247,500</u>	<u>\$228,200</u>	<u>\$475,700</u>
Construction Contingency:	\$ 20,000	\$ 15,000	\$ 35,000
Construction Engineering:	\$ 20,000	\$ 20,000	\$ 40,000
Project Management/Admin:	\$ 7,500	\$ 7,500	\$ 15,000
Total Construction cost:	<u>\$295,000</u>	<u>\$270,700</u>	<u>\$565,700</u>