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DEPARTMENT OF
PUBLIC WORKS
ENGINEERING DIVISION

CITY OF SACRAMENTO
CALIFORNIA

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October 27, 1993

City Council
Sacramento, California

Honorable Members in Session:

SUBJECT: STOCKTON BOULEVARD AND RIZA AVENUE/FOWLER AVENUE
TRAFFIC SIGNAL (PN:SG76) - CONTRACT AWARD AND FUND
TRANSFER OF \$26,247

LOCATION AND COUNCIL DISTRICT: Stockton Boulevard and Riza Avenue/Fowler
Avenue
District No. 6

RECOMMENDATION:

This report recommends that the City Council:

- Accept the low bid of \$157,969 from M & M Electric Inc.
- Award the contract for the Stockton Boulevard and Riza Avenue/Fowler Avenue Traffic Signal to M & M Electric Inc.
- Adopt the attached Resolution authorizing the transfer of \$26,247 to the Stockton Boulevard and Riza Avenue/Fowler Avenue Traffic Signal and Interconnect project.

CONTACT PERSON: N. Dee Lewis, Supervising Engineer, 264-7130

FOR COUNCIL MEETING OF: November 16, 1993



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SUMMARY:

This project consists of installing a new traffic signal at the intersection of Stockton Boulevard and Riza Avenue/Fowler Avenue. The traffic signal includes placing pedestrian push buttons and indications. Also included are minor road widening, curb, gutter and sidewalk, and construction of handicapped ramps. Installation of a traffic signal interconnect system on Stockton Boulevard from Elder Creek/47th Avenue to 65th Street Expressway is also included. This project will improve traffic flow and vehicular safety. Bids were solicited based on two alternative construction methods; 1) boring, and 2) trenching.

The City Council rejected all prior bids on this project on August 31, 1993. None of the bids included significant MBE/WBE subcontractor participation, although one of the bidders was a WBE firm.

Current bids were received and opened on October 6, 1993 and contract award is recommended to the low bidder, M&M Electric, based on their documented good faith MBE/WBE subcontracting efforts and participation of 6.9% MBE and 8.2% WBE.

COMMITTEE/COMMISSION ACTION:

None.

BACKGROUND INFORMATION:

Bidding History

Bids for this project were originally received on July 21, 1993. On August 31, 1993, the City Council rejected all bids and authorized rebidding of the project. None of the original bids included significant MBE/WBE subcontractor participation although one of the bidders was a WBE firm.

Project Background and History

Staff began preliminary design of the signal in early Fall of 1992. Upon site reviews by staff, the owner of the B & J Cycle Center at 6666 Stockton Boulevard became concerned that a signal at this intersection may affect ingress/egress to his business. Staff met with the owner to understand his specific concerns and to determine if any

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design changes could be implemented. The installation of the signal and accompanying striping will make left-turn movements to and from his property more difficult than currently exists. However, these left-turn movements would not be restricted. Upon further review of possible alternative designs, it was determined that no changes to the initial design were feasible. The owner of the Cycle Center shop was then notified of staff's recommendation.

This project consists of installing a new traffic signal at the intersection of Stockton Boulevard and Riza Avenue/Fowler Avenue. The traffic signal includes placing pedestrian push buttons and indications. Other work includes minor road widening, curb, gutter and sidewalk, and construction of handicapped ramps. Also included as a bid alternate in the project is installation of a traffic signal interconnect system on Stockton Boulevard and Elder Creek/47th Avenue to the 65th Street Expressway. The interconnect will allow coordination of signals to improve traffic flow and air quality. Bids were solicited based on two alternative construction methods; 1) boring, and 2) trenching.

Due to project budget constraints and the desire to minimize trenching in existing streets, four bid options were requested:

- Traffic signal installation with conduits installed by boring.
- Traffic signal installation with conduits installed by trenching.
- Traffic signal and interconnect installation with conduits installed by boring.
- Traffic signal and interconnect installation with conduits installed by trenching.

Bids were received and opened by the City Clerk on October 6, 1993. The bids received were:

Bid Option	M & M Electric	Richard A. Heaps
1. Signal by trenching	\$119,969.00	\$126,625.00
2. Signal by boring	135,969.00	140,157.00
3. Signal & Interconnect by trenching	157,969.00	175,178.00
4. Signal & Interconnect by boring	193,969.00	194,767.00

Note: There were no MBE or WBE bidders

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A comparison of the original and current MBE/WBE participation rates for the responsive low bidders indicates that significant improvement has been achieved:

	<u>MBE Participation</u>	<u>WBE Participation</u>
Original Low Bid	0%	0%
Current Low Bid	6.9%	8.2%

The following table lists a comparison of the original low bids with the current low bids by bid options:

BID OPTION	PREVIOUS LOW BIDDER	CURRENT LOW BIDDER
1	\$110,777	\$119,969
2	\$120,777	\$135,969
3	\$144,777	\$157,969
4	\$169,777	\$193,969

Funding is available to award this contract under bid option no. 3 which will install both the traffic signal and interconnect system using the trenching method. The cost to install conduit using the trenching method will be approximately \$36,000 lower than installing conduit by boring.

A Categorical Exemption for the Stockton Boulevard and Riza Avenue/Fowler Avenue Traffic Signal project (PN:SG76) was filed with the County Recorder of the County of Sacramento on October 25, 1991.

The estimated project completion date is May 31, 1993.

FINANCIAL CONSIDERATIONS:

The project bid specifications included the four bid alternatives described in the following table. The engineer's construction estimate and estimate of total project costs for each bid alternate option is also shown on the table. The City Council, at its discretion, reserves the right to award the contract to the lowest responsive bidder under one of the four options specified.

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Bid *Options	Description	Construction Bid Amount	Estimated Total Project Cost
1	Traffic signal to install (trenching)	\$119,969.00	\$196,333.00
2	Traffic signal to install (boring)	\$135,969.00	\$207,633.00
3	Traffic signal and interconnect system to install (trenching)	\$157,969.00	\$234,753.00
4	Traffic signal and interconnect system to install (boring)	\$193,969.00	\$263,002.00

*Note: All options include the same bid items for installation of curb, gutter and sidewalk, handicap ramps and minor road widening.

Funding is available to construct this project using bid option no. 3, traffic signal and interconnect system to install using the trenching method. Funding for the project will be provided as described below:

Item	Fund	Amount
Current Project Budget:		
Major Street Construction	(209)	<u>\$224,950</u>
	Subtotal	\$224,950
Less Construction costs		(\$157,969)
Less Design, Construction Inspection, Contingencies and Contract Administration		<u>(93,228)</u>
Estimated project shortfall for interconnect work		(26,247)
Proposed Fund Transfer:		
Traffic Signal Interconnect for Outer Areas Project (PN:SG66) - Gas Tax Fund (202)		26,247

As of October 26, 1993, the Stockton Boulevard and Riza Avenue/Fowler Avenue Traffic Signal and Interconnect project (PN:SG76) had a balance of \$152,938 from the Major Street Construction Fund (209). The Interconnect for Outer Areas project (PN:SG66) had a balance of \$39,610 from the Gas Tax fund (202).

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POLICY CONSIDERATIONS:

This action is consistent with Title 58, Chapter 58.03.304 of the City Code concerning award of contract and Resolution No. 93-149 relating to MBE/WBE participation goals and policies adopted by the City Council on March 30, 1993.

MBE/WBE:

This project included MBE/WBE participation goals of 10.57% MBE and 9.5% WBE as required by Resolution 93-149 relating to MBE/WBE participation goals and policies adopted by the City Council on March 30, 1993. Award of contract is contingent upon the responsive low bidder either meeting this project M/WBE participation goals or making adequate Good Faith Efforts towards meeting the project goals.

There were six planholders for this project, one of which was a WBE and one was an MBE. Two bids were received for this project. No MBEs or WBEs submitted bids.

The MBE/WBE participation achieved by all bidders as identified in their bids is listed in the following table:

Bid Option	M&M Electric			Richard A Heaps	
	Bid	MBE	WBE	Bid	*M/WBE
1. Signal (trenching)	\$119,969	10,920 9.1%	12,969 10.8%	\$126,625	28,857 22.8%
2. Signal (boring)	\$135,969	0	12,969 9.5%	\$140,157	28,857 20.6%
3. Signal & Interconnect (trenching)	\$157,969	10,920 6.9%	12,969 8.2%	\$175,178	28,857 16.5%
4. Signal & Interconnect (boring)	\$193,969	0	12,969 6.7%	\$194,767	28,857 14.8%

Note: There were no MBE or WBE bidders.

*Richard Heaps listed 3 Minority Women Owned (M/WBE) Enterprises with their bid.

Bid Option 3 is the recommended construction method for this contract. Under Bid Option 3 the low bidder M & M Electric achieved 6.9% MBE and 8.2% WBE participation. Although not achieving the project MBE/WBE goals, M & M Electric Inc. submitted documentation of Good Faith Effort indicating that M & M Electric performed all the requirements relating to

**GOOD FAITH EFFORTS MADE BY LOW BIDDER
M & M ELECTRIC
ON STOCKTON BOULEVARD AND RIZA AVENUE/FOWLER AVENUE TRAFFIC SIGNAL (PN:SG76)**

City Code Title 58, Chapter 58.08.803 lists ten Good Faith Effort actions towards meeting the project MBE/WBE participation goals the bidder is required to take in an effort to meet the MBE/WBE goals and to be considered a responsive bidder. The following Table lists the Good Faith Effort requirements of City Code Title 58 and summarizes the efforts made by the low bidder, M&M Electric.

#	Good Faith Efforts Required per City Code Title 58, Chapter 58.08.803	Low Bidders Actions	
		Y/N	Description
1	Attend pre bid meeting	Y *	Prebid meeting - July 6, 1993
2	Identify work items to be performed by M/WBEs	Y	Clearing and grubbing, tree removal, concrete removal, curb and gutter to remove, AB to place, install sidewalk and AC pavement, dike and curb and gutter. Relocate signs.
3	Advertise solicitation of subbids from M/WBEs	Y	Advertised in Construction Daily Service September 20, 1993 through October 6, 1993.
4	Send written solicitation for subbids to M/WBEs	Y	27 written solicitations to M/WBEs made.
5	Follow up written solicitations with direct contact	Y	All written solicitations followed up.
6	Provide interested M/WBEs with information about plans and specifications	Y	Access to plans and specifications offered in written solicitations.
7	Request assistance for identifying available M/WBEs from organizations directly involved with outreach to M/WBEs	Y	Organizations contacted: Caltrans Division of Civil Rights, NEDA, Technical Data Corporation.
8	Negotiate in good faith with M/WBEs and not unjustifiably reject subbids from M/WBEs	Y	One MBE and one WBE listed with bid.
9	Assist M/WBEs in obtaining bonds, credit, or insurance	Y	Offered to pay cost for payment and performance bonds of M/WBEs.
10	Bidder's efforts could reasonably be expected to produce a level of participation sufficient to meet goals	Y	The low bidder took all Good Faith actions required in the bid specifications.

*NOTE: A prebid meeting was held on September 20, 1993 to review the MBE/WBE program requirements for this project. M&M Electric did not attend the September 20, 1993 prebid meeting. M&M Electric has, however, attended several prebid meetings held by the Engineering Division for other projects.

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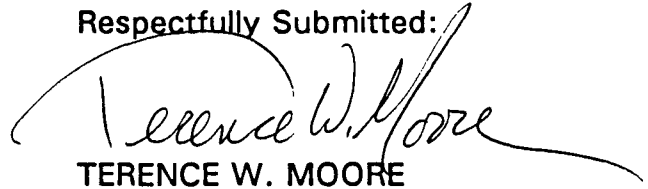
Good Faith Effort specified in City Code Title 58, Chapter 58.03.803. The attached table lists the Good Faith Effort requirements of City Code Title 58, Chapter 58.08.803 and summarizes the efforts made by the low bidder, M&M Electric Inc. The low bidder's Good Faith Efforts were verified by staff. The Good Faith Effort documentation submitted by M&M Electric is also attached as an exhibit to this Council report.

Plans and specifications were sent to seven (7) plan rooms and construction services organizations for publication and use by the construction industry of Northern California. There are four (4) organizations on the distribution list that are directly involved with outreach to MBE/WBE contractors.

Other MBE/WBE outreach efforts for this project included:


- Advertisement of the project on the City of Sacramento Construction Project Bid Line (916) 392-4758.
- Free access to review the project plans and specifications at the City of Sacramento Planroom at Engineering Division offices at 927 10th Street.
- Provide notice of this project to three minority chambers of commerce and three minority and women community organizations directly involved with outreach to MBE/WBEs.

Respectfully Submitted:




TERENCE W. MOORE
Engineering Division Manager

RECOMMENDATION APPROVED:



WILLIAM H. EDGAR
City Manager

APPROVED:



JOHN E. MEDINA
Director of Public Works

FB:dt:ehh
EA6-28.1
11.0193.3

Attachment

RESOLUTION NO.

ADOPTED BY THE SACRAMENTO CITY COUNCIL

ON DATE OF _____

RESOLUTION TRANSFERRING \$26,247
TO THE STOCKTON BOULEVARD AND
RIZA AVENUE/FOWLER AVENUE TRAFFIC
SIGNAL PROJECT (PN:SG76)

BE IT RESOLVED BY THE COUNCIL OF THE CITY OF SACRAMENTO

1. The 1993/94 Capital Improvement Program (CIP) is hereby amended by the defunding and appropriation of \$26,247 from the Interconnect from Outer Areas project (202-500-SG66-4820) to the Stockton Boulevard and Riza Avenue/Fowler Avenue Traffic Signal project (202-500-SG76-4820) via the Gas Tax Contingency Reserve (202-710-7012-4999).

MAYOR

ATTEST:

CITY CLERK

FB:dt:ehh
EA6-28.1
10.2793.2

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FOR CITY CLERK USE ONLY

RESOLUTION NO.: _____

DATE ADOPTED: _____