



**Metro**

Los Angeles County  
Metropolitan Transportation Authority

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**35**

**OPERATIONS COMMITTEE  
SEPTEMBER 17, 2009**

**SUBJECT: TRANSIT PASSENGER INFORMATION SYSTEM FOR METRO GOLD  
LINE**

**ACTION: RECOMMENDATION FOR AWARD**

**RECOMMENDATION**

Authorize the Chief Executive Officer to award a firm fixed price contract under IFB No. OP26102329 with JM Fiber Optics, to provide a Transit Passenger Information System to be deployed on the Metro Gold Line (PGL) for the amount not to exceed \$1,291,263, inclusive of sales tax. The contract will be fully funded by the Department of Homeland Security (DHS) under a Transit Security grant.

**RATIONALE**

The installation of the Transit Passenger Information System (TPIS) on the Gold Line will provide the ability to increase public awareness of changes that occur on the Gold Line. The TPIS will be capable of showing Public Service announcements, Schedule changes, Emergency messages and Train Arrival Messages.

The TPIS will be installed at each of the Gold Line stations including the Eastside extension. The TPIS will work with the recently installed public address system. This will allow for regular scheduled messages to be broadcasted from the Rail Control Center.

The Gold Line TPIS will be integrated into the existing Red Line TPIS system. A single, centrally controlled system will make training and maintenance easier and more cost effective. Metro personnel installed the Red Line TPIS and will install the Gold Line TPIS.

At this time, the Pasadena Gold Line does not have a Transit Passenger Information System.

**IMPACTS TO OTHER CONTRACTS**

No impact to other contracts.

## **FINANCIAL IMPACT**

The funding of \$1,291,263 for this procurement is included in FY10 budget in cost center 2610, System Security and Law Enforcement under project number 212001 (MGL Transit Passenger Information System), Line Item 50445 (M/S Tools & Expendable Equipment). This action is within the Board approved life-of-project budget.

## **Financial Impact to Enterprise Fund**

The funding for this acquisition will come from the FY 2007 Homeland Security TSGP DHS Funding. These funds are eligible to be used for Homeland Security Rail Capital projects. No other sources of funds were considered for this procurement.

## **ALTERNATIVE CONSIDERED**

We have evaluated the possibility of not installing the Transit Passenger Information System on the Gold Line. This alternative is not recommended. Timely information to the Gold Line rider is needed to provide an efficient and safe transit system.

## **ATTACHMENT(S)**

- A. Procurement Summary
- A-1 Procurement History
- A-2 List of Subcontractors
- A-3 Bid Tabulation

Prepared by: Daniel Lindstrom, Manager, Wayside Systems Communications  
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Michael J. Cannell  
General Manager, Rail Operations



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Arthur T. Leahy  
Chief Executive Officer

**BOARD REPORT ATTACHMENT A  
PROCUREMENT SUMMARY**

**TRANSIT PASSENGER INFORMATION SYSTEM FOR METRO GOLD LINE**

1.	Contract Number: OP26102329		
2.	Recommended Vendor: JM Fiber Optics, Inc.		
3.	Cost/Price Analysis Information:		
	A. Bid/Proposed Price: \$1,291,263	Recommended Price: \$1,291,263	
	B. Details of Significant Variances are in Attachment A-1.D		
4.	Contract Type: Firm Fixed Price		
5.	Procurement Dates:		
	A. Issued: April 27, 2009		
	B. Advertised: April 1, 2009		
	C. Pre-bid Conference: May 4, 2009		
	D. Bids Due: June 22, 2009		
	E. Pre-Qualification Completed: July 7, 2009		
	F. Conflict of Interest Form Submitted to Ethics: July 10, 2008		
6.	Small Business Participation:		
	A. Bid Goal: DBE: 10%	Date Small Business Evaluation Completed: July 15, 2009	
	B. Small Business Commitment: 98%		
7.	Invitation for Bid/Request for Proposal Data:		
	Notifications Sent: 99	Bids/Proposals Picked up: 74	Bids/Proposals Received: 1
8.	Evaluation Information: See Bid Tabulation		
	A. Bidders/Proposers Names: JM Fiber Optics	Bid/Proposal Amount: \$ 1,291,263	Best and Final Offer Amt: N/A
	B. Evaluation Methodology: Procurement is in compliance with Procurement policies and procedures.		
9.	Protest Information:		
	A. Protest Period End Date: August 25, 2009		
	B. Protest Receipt Date: TBD		
	C. Disposition of Protest Date: TBD		
10.	Contract Administrator: Diane Ly	Telephone Number: 213-922-1102	
11.	Project Manager: Daniel Lindstrom	Telephone Number: 213-922-3121	

## **BOARD REPORT ATTACHMENT A-1 PROCUREMENT HISTORY**

### **TRANSIT PASSENGER INFORMATION SYSTEM FOR METRO GOLD LINE**

#### **A. Background on Contractor**

JM Fiber Optics, Inc. located in Chino, CA, has been in business for sixteen (16) years and its principal business is voice, video, and data communications equipment. JM Fiber Optics has been the successful bidder on previous Metro procurements and its performance on those procurements has been satisfactory. JM Fiber Optics has also done business with the North County Transit District, U.S. Department of the Interior, Bureau of Reclamation, Southern California Regional Rail Authority, New York City Transit and Vandenberg Air Force Base.

JM Fiber Optics, Inc. has recently implemented its ISO 9001-2000 compliant quality system and is quality certified from General Dynamics Network Systems, Lockheed Martin Systems Integration, Bechtel Nevada, and JPL. JM Fiber Optics has a certified fiber optic trainer and test administrator by Fujitsu, Siemens, and Lucent Technologies. JM Fiber Optics is a certified small disadvantaged minority business enterprise (MBE, MBE, and DBE). In 2007, JM Fiber Optics received the Minority Business of the Year in Science and Technology from the City of Los Angeles for its development of the Transit Passenger Information System (TPIS) for Metro.

#### **B. Procurement Background**

IFB No. OP26102329 was conducted as a two-phase "brand name or approved equal" procurement. Phase I provided potential bidders the opportunity to submit their requests for approved equals to the Transit Passenger Information System, and in Phase II, sealed bids were due with one (1) bid received.

The Diversity and Economic Opportunity Department (DEOD) recommended a 10% Disadvantaged Anticipated Level of Participation (DALP) goal for this procurement after identifying subcontracting opportunities.

#### **C. Evaluation Criteria**

A single bid was received by JM Fiber Optics, Inc. for the subject procurement. Project Management team conducted a comprehensive evaluation of the bid in accordance with the evaluation criteria contained in the IFB and determined the bid to be in compliance with Metro's technical specifications. Therefore, JM Fiber Optics' bid is considered to be responsive.

#### **D. Cost/Price Analysis**

The recommended price has been determined to be fair and reasonable based upon a thorough price analysis.

<b>Bid Amount</b>	<b>Metro Estimate</b>	<b>Recommended Amount</b>
See bid tabulation	\$1,149,424	\$1,291,263

**BOARD REPORT ATTACHMENT A-2  
LIST OF SUBCONTRACTORS**

**TRANSIT PASSENGER INFORMATION SYSTEM FOR METRO GOLD LINE**

PRIME CONTRACTOR

JM Fiber Optics, Inc.

Small Business Commitment

98%

Other Subcontractors

Zelvec

Total Commitment 98%

**ATTACHMENT A-3  
 BID TABULATION  
 IFB No. OP26102329 TRANSIT PASSENGER INFORMATION SYSTEM FOR METRO GOLD LINE**

Bids Out: 04/27/09 Total 74  
 Bids Opened: 06/22/09 Total 1  
 Advertisement Date(s): 04/01/09  
 Newspaper: Daily News, L.A. Watts Times,  
 La Opinion, O.C. Register and Korea Times

Item No.	Description	QTY	UM	Unit Price	Extended Price
1	Vantage Server Software	1	EA	\$27,400.00	\$27,400.00
2	LCD Media Player	52	EA	\$1,500.00	\$78,000.00
3	LED Media Player	13	EA	\$1,860.00	\$24,180.00
4	LCD Monitors	64	EA	\$1,584.00	\$101,376.00
5	LCD VDU Enclosures	64	EA	\$4,250.00	\$272,000.00
6	LED Visual Display Units	29	EA	\$6,018.00	\$174,522.00
7	LCD VDU VGA Interconnect Kit	14	EA	\$5,790.00	\$81,060.00
8	LED VDU Transceiver Kit	17	EA	\$6,795.00	\$115,515.00
				<b>Sub Total</b>	<b>\$874,053.00</b>
				<b>Sales Tax 9.75%</b>	<b>\$85,220.17</b>
9	Warranty per Metro's Technical Specification	1	Lot	\$87,450.00	\$87,450.00
10	Training per Metro's Technical Specification	1	Lot	\$8,520.00	\$8,520.00
11	System Turn-Up per Metro's Technical Specification	1	Lot	\$7,020.00	\$7,020.00
12	Technical Support per Metro's Technical Specification	1	Lot	\$229,000.00	\$229,000.00
				<b>Total</b>	<b>\$1,291,263.17</b>

JM Fiber Optics, Inc.

I hereby certify \_\_\_\_\_ as being the lowest responsive, responsible bidder and recommend the award to them for total price, including sales tax, of \_\_\_\_\_.

\_\_\_\_\_  
 Date Signature