



**OPERATIONS COMMITTEE
JANUARY 15, 2009**

SUBJECT: RADIO FREQUENCY DATA CHANNEL INTEGRATION

ACTION: APPROVE CONTRACT AWARD

RECOMMENDATION

Authorize the Chief Executive Officer to award a firm fixed price Contract OP39602151 to Motorola, Inc. to integrate two additional 508 MHz radio frequency data channels for the Advanced Transportation Management System (ATMS) in the amount of \$1,195,826.

RATIONALE

The ATMS voice system operates over a 17-channel 900 MHz radio frequency (RF) network throughout Los Angeles County. Similarly, the ATMS data system operates over a 5-channel 508 MHz RF network throughout Los Angeles County. The current data network has the capacity to obtain information from the fleet every 5 minutes (poll rate). The poll rate provides reasonable updates for the fleet management function however, as the need to provide more accurate and timely real-time information to the public becomes more prevalent, there is a need to increase the poll rate to obtain more up-to-date location information across the fleet. The recommended contract will increase the current 5-channel data network to a 7-channel data network. The additional data channels will allow for a 40% increase in the poll rate (from 5 to 3 minutes).

The additional data channels will be integrated and configured on every ATMS-equipped vehicle in our fleet (including Contracted Services).

FINANCIAL IMPACT

Funding for this project is included in the capital budget under CP 202232 (ATMS Upgrade) and is included in the approved FY09 capital budget in Cost Center 3960. The funding source is TDA, Article 4.

Since this is a multi-year project, the Project Manager and the General Manager of Rail are responsible for budgeting costs in future years consistent with the board-adopted total life-of-project budget. This action will not impact the approved life-of-project budget.

ALTERNATIVES CONSIDERED

We may decide not to award this contract, however it is not recommended as the ability to improve the availability of real time information would not be achieved. Additionally, we already own and license the frequency channels and the opportunity to redirect these frequencies to improve bus operations would not be realized if this contract were not awarded. Failure to integrate the additional data channels will limit our ability to meet the performance needs of on-going operational development (Rapid Bus Expansion, 511, Bus Signal Priority, next-bus arrival information, etc.) that are being developed throughout the agency and rely on accurate and available real-time information.

We could also decide to sell the two RF data channels. This is also not recommended as the availability of these RF data channels in Los Angeles County is at a premium and would likely not be readily reacquired in the future.

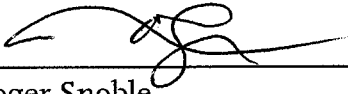
ATTACHMENT(S):

- A Procurement Summary
- A-1 Procurement History
- A-2 List of Subcontractors

Prepared by: Al Martinez, Supervising Engineer, Metro Operations
Nicole Dang, Assistant Contract Administrator



Michael J. Cannell
General Manager, Rail Operations



Roger Snoble
Chief Executive Officer

**BOARD REPORT ATTACHMENT A
PROCUREMENT SUMMARY**

Radio Frequency Data Channel Integration

1.	Contract Number: OP39602151		
2.	Recommended Vendor: Motorola, Inc.		
3.	Cost/Price Analysis Information:		
	A. Bid/Proposed Price: \$ 1,220,784	Recommended Price: \$ 1,195,826	
	B. Details of Significant Variances are in Attachment A-1.D		
4.	Contract Type: Firm Fixed Price		
5.	Procurement Dates:		
	A. Issued: February 25, 2008		
	B. Advertised: Not Applicable		
	C. Pre-proposal Conference: Not Applicable		
	D. Proposals Due: April 22, 2008		
	E. Pre-Qualification Completed: May 5, 2008		
	F. Conflict of Interest Form Submitted to Ethics: November 3, 2008		
6.	Small Business Participation:		
	A. Bid/Proposal Goal: No Goal Recommended	Date Small Business Evaluation Completed: November 19, 2008	
	Small Business Commitment: Not Applicable		
7.	Invitation for Bid/Request for Proposal Data:		
	Notifications Sent: 1	Proposals Picked up: 1	Bids/Proposals Received: 1
8.	Evaluation Information:		
	A. Bidders/Proposers Names:	<u>Bid/Proposal Amount:</u>	<u>Best and Final Offer Amount:</u>
	1. Motorola, Inc.	\$ 1,220,784	\$1,195,826
	B. Evaluation Methodology: Request for Proposal		
9.	Protest Information: Not Applicable		
	A. Protest Period End Date: January 20, 2009		
	B. Protest Receipt Date: Not Applicable		
	C. Disposition of Protest Date: Not Applicable		
10.	Contract Administrator: Nicole Dang	Telephone Number: 922-7438	
11.	Project Manager: Robert Fischer	Telephone Number: 922-3416	

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

Radio Frequency Data Channel Integration

A. BACKGROUND ON CONTRACTOR

Motorola, Inc. has been in the wireless communication industry for over 65 years. Motorola, Inc. provides wireless communication to 90% of State and Federal agencies and 70% to local Jurisdictions. Motorola, Inc was the Prime Contractor to our ATMS System Integrator Contract No. OP63301054 (2001-2006), and their performance was satisfactory.

B. PROCUREMENT BACKGROUND

Staff utilized Request for Proposal (RFP) No. OP39602151 on a non-competitive basis. Motorola's proprietary software was used to develop ATMS and is required for modifications to the existing system. The contract period is for one year. The contract period of performance is anticipated to begin in January 2009. Motorola submitted their proposal on April 22, 2008.

The Diversity and Economic Opportunity department (DEOD) does not recommend a Voluntary M/WBE Anticipated Levels of Participation (VALP) for this procurement based on a level of participation that could reasonably be expected in this type of contract.

C. EVALUATION OF PROPOSAL

This procurement was conducted in accordance, and complies with, standard Procurement policies and procedures for a sole source procurement. A Proposal was submitted by Motorola and was determined to be responsive, responsible and qualified to perform the required services based on the RFP's minimum requirements and technical evaluation by the Project Manager.

D. COST/PRICE ANALYSIS EXPLANATION OF VARIANCES

The recommended contract amount has been determined to be fair and reasonable based on a Price Analysis, which compared competitively negotiated rates for similar services. A cost analysis was not performed because Motorola's company policies do not allow cost elements to be divulged. A cost analysis waiver was granted because the price analysis was adequate to determine a fair and reasonable price.

BOARD REPORT ATTACHMENT A-2
LIST OF SUBCONTRACTORS

Radio Frequency Data Channel Integration

PRIME CONTRACTOR – Motorola, Inc.

Small Business Commitment

Other Subcontractors

N/A

N/A

Total Commitment 0 %