



**Metro**

Metropolitan Transportation Authority

One Gateway Plaza  
Los Angeles, CA 90012-2952

213.977.8200  
metro.net

**20**

**OPERATIONS COMMITTEE  
FEBRUARY 16, 2006**

**SUBJECT: IN-TRAIN CCTV-CARBORNE DVR SYSTEM**

**ACTION: APPROVE CONTRACT MODIFICATION IN AN AMOUNT NOT-TO-EXCEED \$800,000 TO AJK COMMUNICATIONS, INC.**

**RECOMMENDATION**

Authorize the Chief Executive Officer to negotiate and execute Contract Modification No. 1 to Contract No. OP 3920-1633 with AJK Communications, Inc. to provide additional video cameras per car on the Metro Heavy Rail Vehicles (HRVs) and Metro Light Rail Vehicles (LRVs) in an amount not to exceed \$800,000 increasing the Total Contract Value from \$2,187,019 to \$2,987,019.

**RATIONALE**

Metro presently has 104 HRVs operating on the Metro Red Line subway system and 121 LRVs on the Metro Blue, Green and Gold Lines. The In-Train CCTV – Carborne DVR System (System) is used to provide real-time security monitoring, and graffiti and incident recording in the interior of the existing fleet of Metro rail vehicles. This System will function both as a deterrent and a real-time record of any illegal or potentially harmful acts that may be used as evidence in any forensic investigation or subsequent legal action. The System will have the capability to store video and event data, and ensure prompt retrieval of saved information at any time.

During installation of the planned system, staff discovered that additional cameras would be necessary to provide the required video coverage of the passenger areas and looking forward from the operator's cab. Contract Modification No. 1 provides for 346 cameras, 104 for the Metro Red Line HRVs and 242 for the Metro Blue, Green, and Gold Line LRVs, their installation and all of the associated domes, mountings, and wiring necessary to operate in the system. Since the HRV installation is partially funded by a federal Homeland Security Grant, the installation of the additional cameras proceeded prior to the expiration of the Grant.

**FINANCIAL IMPACT**

Funding for this action is included in the FY06 Budget in Project 200018 Homeland Security, Cost Center 2610 and Project 205004 Rail Security Improvement, Cost Center 3960. This action does not impact the authorized Life-of-Project for either Capital Project.

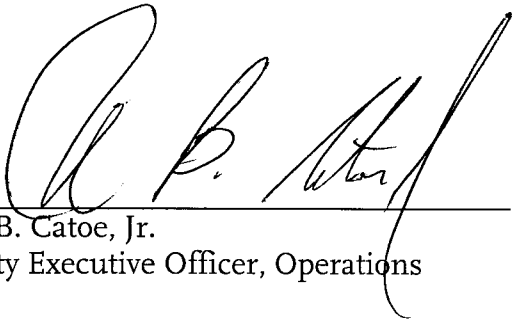
## ALTERNATIVES CONSIDERED

An alternative is not to install the additional cameras into the In-Train CCTV – Carborne DVR System on the existing HRVs. This alternative was not considered since this system is part of the comprehensive safety and security plan to improve Metro’s monitoring systems, which the Board approved in July 2005.

## ATTACHMENT(S)


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

Prepared by: Robert Nevarez, Senior Engineer Rail Capital Projects  
Robert Chappell, Deputy Executive Officer, Rail Operations



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John B. Catoe, Jr.  
Deputy Executive Officer, Operations



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Roger Snoble  
Chief Executive Officer

**BOARD REPORT ATTACHMENT A  
 PROCUREMENT SUMMARY  
 CONTRACT NO. OP 3920-1633, IN-TRAIN CCTV – CARBORNE DVR SYSTEM  
 AJK COMMUNICATIONS, INC.  
 MODIFICATION NO. 1**

1.	Contract: OP 3920-1633, Modification No. 1, Additional Video Cameras		
2.	Recommended Vendor: AJK Communications, Inc. 1215 E. Glenwood Place Santa Ana, CA 92707		
3.	Cost/Price Analysis Information:		
	A. Proposed Price: NTE: \$800,000	Recommended Price: NTE: \$800,000	
	B. Details of Significant Variances are in Attachment A-1.D		
4.	Contract Type: Firm Fixed Price		
5.	Procurement Dates:		
	A. Issued: March 1, 2005		
	B. Advertised: N/A		
	C. Pre-proposal Conference: March 16, 2005		
	D. Proposals/Bids Due: August 8, 2005		
	E. Pre-Qualification Completed: Yes, August 11, 2005		
	F. Conflict of Interest Form Submitted to Ethics: Yes, August 18, 2005		
	G. Award Date : August 25, 2005		
6.	Disadvantaged Business Enterprise (DBE) Participation:		
	A. Bid/Proposal Goal: 15%	Date DBE Evaluation Completed: August 18, 2005	
	A. DBE Commitment: 96.80% Please see details in Attachment A-2		
7.	Invitation for Bid Data:		
	Notifications Sent:  N/A	Proposals Sent:  N/A	Proposals Received:  1 From Contractor
8.	Evaluation Information: N/A		
	Evaluation Methodology: N/A		
9.	Protest Information:		
	A. Protest Period End Date: N/A		
	B. Protest Receipt Date: N/A		
	C. Disposition of Protest Date: N/A		
10.	Contract Administration Manager: Larry Kelsey	Telephone Number: (213) 922-7321	
11.	Project Manager: Robert Nevarez	Telephone Number: (213) 922-3179	

**BOARD REPORT ATTACHMENT A-1  
PROCUREMENT HISTORY  
CONTRACT NO. OP 3920-1633, IN-TRAIN CCTV – CARBORNE DVR SYSTEM  
AJK COMMUNICATIONS, INC.  
MODIFICATION NO. 1**

**A. Background on Contractor**

AJK Communications, Inc. (AJK or Contractor) is an Orange County, California-based certified DBE company. AJK provides multiple products and services to the Military & Defense, Industrial, Transportation, Security and Communications markets. AJK's expertise includes designing and integration of communication systems including the education and training of client staff. They utilize local professional installers of fiber optics, copper cable systems and support hardware. AJK also provides Project Management, Materials & Contracts Management consulting services.

**B. Procurement Background**

During the August 2005 Board meeting the Board awarded Contract Op 3920-1633 for the In-Train CCTV and Carborne DVR System (System) to AJK Communications, Inc. in response to staff recommendation based upon an Expedited Two-Step, Technically-Acceptable, Low-Bid process.

During The installation of the System, it was discovered that the original number of cameras required by Metro would not be sufficient to provide the needed video coverage of the passenger areas and of the needed coverage looking forward from the operator's cab. Because of the time constraints of both the Board's expressed policy regarding this system and the federal Homeland Security Grant for the HRV system, the Contractor proceeded with the purchase and installation of the additional video cameras and the related ancillary hardware for these Metro Red Line subway vehicles.

Modification No. 1 is currently in negotiations is for those additional cameras, domed housings, wiring, and their installation.

**C. Evaluation of Proposals**

N/A

**D. Cost/Price Analysis Explanation of Variances**

Metro has received the Contractor's pricing proposal for these additional video cameras and their installation. The proposed price and its various components are currently in review and discussion and additional supporting documentation has been requested. Negotiations will continue and be finalized upon receipt of that information.

**BOARD REPORT ATTACHMENT A-2  
LIST OF SUBCONTRACTORS  
CONTRACT NO. OP 3920-1633, IN-TRAIN CCTV – CARBORNE DVR SYSTEM  
AJK COMMUNICATIONS, INC.  
MODIFICATION NO. 1**

**PRIME CONTRACTOR:** AJK Communications, Inc. (METRO Certified DBE/SBE/MBE)  
1215 E. Glenwood Place  
Santa Ana, CA 92707

**SUBCONTRACTORS:**

Performance Cable Crafters – Installation and Wiring.  
2629 Foothill Blvd. #359  
La Crescenta, CA 91214

**TOTAL DBE COMMITMENT: 96.80%**