



(Board Copy)
Washington Metropolitan Area Transit Authority
**METRO ELECTRONIC ACTION
DOCUMENT**

IDENTIFICATION			
MEAD ID:	99016	ACTION:	Initiate & Award
AWARD VALUE:	(Not yet awarded)	CONTRACT: (Proposed)	
FUND SOURCES: (View)	Infrastructure Renewal Program	CONTRACTOR:	
LAST MODIFIED:	01/04/2006		

DESCRIPTION	
SUBJECT:	Safety and Security Initiatives
PURPOSE:	1) To request Board approval to modify existing construction and engineering contracts, including the issuance of new or expanding current Engineering Consultants tasks in FY06 and beyond, or to initiate and award new contracts as required for up to \$12.2 million, as appropriated by the U.S. Congress in response to increased security requirements in light of the tragic events of September 11, 2001. The entire amount is included in the the FY06 to FY10 CIP funding. 2) To request Board approval to add two positions to be funded with the Safety and Security grant funds. These two positions will support all Safety and Security program projects and will be terminated at the end of the Safety and Security Program.

ORIGINATION					
INITIATOR			DEPARTMENTAL APPROVAL		
DIANA BOWDRY on 10/21/2005			Not Approved Yet		
PHONE:	202-962-2581	OFFICE:	IRPG	DEPT:	PDEC

COORDINATION (ROUTING)		
OFFICE	NAME	ACTION/DATE
(4110)	SALPEAS, PANAGIOTIS	Approved 10/26/2005
IRPG (4710)	COUCH, DAVID	Re-assigned 10/26/2005
PRMT (7410)	JACKSON, LUCY	Approved w/ Comments 11/04/2005
COUN (1410)	O'KEEFFE, CAROL	Approved w/ Comments 11/07/2005
CFO1 (2110)	WOODRUFF, HARRY	Approved 12/29/2005

FINAL APPROVALS	
OFFICE	NAME/ACTION
PLN_DEV_CMTE	Approved for by PANAGIOTIS SALPEAS on 10/26/2005
BEMR	Approved for by HAROLD BARTLETT on 11/08/2005
GM	GMGR CEO (Not Yet Approved)
GM	GMGR CEO (Not Yet Approved)
BOARD	BOARD WMATA (Not Yet Approved)
GM	Approved for GMGR by GMGR CEO on 01/13/2006



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NARRATIVE

Discussion:

As a result of the terrorist attacks on September 11, 2001 an extensive review of WMATA's safety and security program was conducted. This review resulted in the development of a series of initiatives to enhance the safety and security of Metrorail and Metrobus. The appropriation for FY05 is \$12,200,000. As required by the Department of Homeland and Security (DHS), the \$12.2 million of projects funding below were deliberated and received the approval of various regional coordination bodies, including the Regional Transit Security Working Group, the Senior Policy Group and the National Capital Region (NCR) Chief Administrative Officers Committee.

1) The \$3,672,000 FY05 UASI Grant Fire Chief project is a multi-year project to provide reliable, trunked system access for emergency responders in all below grade portions of the Metrorail system. In Arlington, the project will provide all radio and fixed network equipment required to interface and pass the trunked radio signals between Arlington above ground and the below ground Public Safety system. In the District, the interconnection to D.C. 800 MHz above ground trunked radio systems utilizes a single antenna site and is interconnected via fiber optic cable to the underground Metrorail system. Should this sole interconnection fail, the entire Washington, DC 800 MHz trunked radio system below ground would go silent. A second donor antenna site will be evaluated, selected, and interface to the Public Safety System (PSS) designed, utilizing this funding. In addition, replacement will begin of the aging tunnel amplifiers to eliminate a frequent point of failure and to provide remote monitoring capability for all tunnel amplifiers in the system. Remote status monitoring will be installed to insure that system managers will always be aware of system status and provide a means of proactive, management of the system infrastructure. Future year DHS Urban Area Security Initiative (UASI) program grants will fund the replacement of additional tunnel amplifiers and implementation, integration and testing of a second antenna. The overall cost of this project is estimated to be \$13 million.

2) The \$1,200,000 FY05 DHS Transit Grant for Bus has three components. Currently 100 buses are equipped with camera systems; with all new bus purchases coming equipped with camera systems. The first component of this grant will be used to install camera systems on up to 100 more buses currently in service, to assist in adding a deterrent to crime and the tool that can aid in identifying participants and prosecuting violators. Secondly, the AVL system installed in 2003 was capable of monitoring/viewing the positioning of the buses from OCC at JGB. This project is to equip two consoles at CTF to provide the capability to view the positioning of buses from in the backup command center. The third item is to provide Real Time monitoring of transportation across the grid leading into and away from WMATA control/access points, accessing and monitoring of the Northern Virginia's VDS including camera feeds in Maryland and DDOT in the Alternate OCC located at CTF. Additionally, training video will be developed for use within Bus Operations for camera, AVL and Trafficland utilization.

3) The \$7,300,000 FY05 DHS Transit Grant for Rail funds another critical feature towards completion of the new primary Operations Control Center (OCC) is the establishment of sufficient space to accommodate all equipment and personnel required for full OCC redundancy and, therefore, appropriate transit security risk. Under this grant, up to \$1 million will be used to renovate existing space in a manner that will allow the utilization of approximately 20,400 additional square feet at the CTF identified in the Master Space Utilization Plan presented to the P&D Committee in December 2005. To support the primary OCC the mechanical systems must be upgraded to provide sufficient heating, ventilation and cooling and fire protection. In addition, redundant electrical equipment including a more robust generator, transformer, battery bank and uninterruptible power systems will be installed using \$5,760,000. The remaining \$540,000 will be utilized for security cameras installation of tunnel portals.

To facilitate the most expeditious implementation of these items programmatic approval is being sought to modify existing contracts or to enter into new contracts as necessary.

Impact on Funding:

Budget: Infrastructure Renewal Program Fiscal 2006
 Project Title: Safety and Security Improvements

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Program	Metro Matters (MM)	Beyond MM	Total
Budget Info	\$	\$	\$
	38,500,000	3,672,000	42,172,000
This Action	8,500,000	3,672,000	12,172,000
Prior Actions	-	-	-
Sub-total	8,500,000	3,672,000	12,172,000
Remaining Budget	30,000,000		30,000,000

Award of project is subject to receipt of funds. Budget amount includes Project Management, Project Administration and other administrative costs.

Affirmative Action Requirements:

All awarded contracts will comply with Executive Order 11246. Revision 4.

Disadvantaged Business Enterprise

Will be consistent with existing contract or will be approved by PRMT prior to advertisement.

Recommendations:

- 1) To request Board approval to modify existing construction and engineering contracts, including the issuance of new or expanding current Engineering Consultants tasks in FY06 and beyond, or to initiate and award new contracts as required for up to \$12.2 million, as appropriated by the U.S. Congress in response to increased security requirements in light of the tragic events of September 11, 2001. The entire amount is included in the the FY06 to FY10 CIP funding.
- 2) To request Board approval to add two positions to be funded with the Safety and Security grant funds. These two positions will support all Safety and Security program projects and will be terminated at the end of the Safety and Security Program.