

Washington Metropolitan Area Transit Authority
Board Action/Information Summary

<input checked="" type="radio"/> Action <input type="radio"/> Information	MEAD Number: 100020	Resolution: <input type="radio"/> Yes <input checked="" type="radio"/> No
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TITLE:

Rail Car Comm. Control Panels

PURPOSE:

Board approval to initiate and award a contract to design, furnish, install, integrate, test and commission new Communication Control Panels and associated radio equipment in the 1000 through 5000 series railcars.

DESCRIPTION:

Board approval is requested to Initiate and Award a contract for new Communications Control Panels for the 1000 through 5000 Series Rail cars.

In December 2000, the Authority awarded a new Comprehensive Radio System. It included the requirement to rehabilitate the communication control panels in the 1000-4000 series rail cars for use of the new radio system. WMATA will pursue a credit modification with Motorola for the Control Panel rehabilitation portion of their contract. Following the award of the contract, the 5000 series cars were added to the Metrorail fleet with the old radio control panels.

Since numerous modifications had been made to the control panels of the 1000 - 4000 series rail cars over the years and since the 5000 series cars require a fully new design for the new radio system control panel, the decision has been made to replace the communication control panels rather than rehabilitate and modify them. The 6000 Series rail cars have been delivered with the new radios and control panels already installed and therefore no work is required on this series of rail cars.

The technical requirements will specify the design, procurement, installation, integration, testing and commissioning of new communications control

panels. The panels will support other train-borne rail communications systems, public address systems and intercom. The design will be based on the design of the panels used in 6000 series rail cars to simplify operation, maintenance and spare parts inventory issues. The contract will require a contractor with previous experience in the design, fabrication, installation, integration, testing, and commissioning of the mobile radios and communications control panels.

FUNDING IMPACT:

Program:	Capital Improvement Program
Project:	Communications System Rehabilitation
Budget:	\$21,126,141
This Action:	7,000,000
Prior Approval:	<u>9,625,310</u>
Remaining Budget:	\$ 4,500,831
Remarks:	None
Operating Budget	Positions: None
Impact:	Annual Expense: None

RECOMMENDATION:

Board approval to initiate and award a contract to design, furnish, install and commission new Communication Control Panels and associated radio equipment in the 1000 through 5000 series rail cars.