Washington Metropolitan Area Transit Authority

Board Action/Information Summary

◉ Action ○ Information	MEAD Number: 100592	Resolution: ○ Yes ◉ No

TITLE:

5000 Series Railcar Rollback prevention

PURPOSE:

To request Board approval to award a sole-source contract to Alstom Signaling in the not-to-exceed amount of $813,513 to implement a change in the Automatic Train Protection software to prevent rollback of trains in manual operation on the 5000 Series railcars.

DESCRIPTION:

On November 3, 2004, a 1000 Series nonrevenue train rolled back and struck a 3000 Series revenue train. After review of the incident, the National Transportation Safety Board`s recommendation dated April 19, 2006 was that Metro needed to equip all existing and future train equipment with manual rollback protection.

The 2000, 3000, and 6000 Series cars were updated while Metro worked to establish funding to update the 1000, 4000, and 5000 Series railcars. The 1000 Series is currently being updated and the 4000 Series is scheduled to be repaired after the 5000 Series. Notice-to-proceed on the 5000 Series is anticipated in May 2010 with an on-site start date of July 2010. Project should be completed 120 days after start.

Alstom is the original equipment manufacturer for the Automatic Train Controls on the 5000 Series railcars. No other manufacturer is able to provide a software application that is compatible with Alstom`s Automatic Train Control System. Accordingly, Alstom is the only source for the solution to prevent rollback of trains in manual operation.

This action is essential to insure passenger and operational safety and is one component of a fleet-wide implementation.

FUNDING IMPACT:

Program:	**FY2010 Capital Improvement Program**
Project:	**Urgent Capital Needs - Railcars CE_RCAR**
Budget:	$8,971,000
This Action:	$ 813,513
Prior Approval:	$3,158,213
Remaining Budget:	$4,999,274
Remarks:	None
Operating Budget Impact:	None

RECOMMENDATION:

Approval to award a sole-source contract to Alstom Signaling in the not-to-exceed amount of $813,513 to implement a change in the Automatic Train Protection software that will prevent rollback of trains in manual operation on the 5000 Series railcars.