

## Washington Metropolitan Area Transportation Authority Board Action/Information Summary

Action  
 Information

MEAD Number:  
99550

Resolution:  
 Yes  No

### PURPOSE

To request Board approval to initiate and award a competitive contract to obtain the services of a contractor who shall provide all labor, equipment, protective equipment, chemicals and supplies, to remove heavy soil and oxides from the exterior aluminum and painted car body surface of 956 Rail Transit Vehicles. The cleaning of the vehicles shall occur twice within 365 calendar days from notice to proceed.

### DESCRIPTION

The rail cars' exterior aluminum surfaces collect heavy soil and iron oxide deposits during normal revenue operations. These and other corrosive deposits become permeated in the exterior of the cars and are unaffected by normal automatic car washing. The deposits give the rail car exteriors a muddy appearance and also diminish the life of the aluminum car bodies. To remove these deposits and to maintain the appearance and condition of the car body exteriors, a program of hand washing the car body exteriors twice a year is required. The work shall be performed at the Branch Avenue rail car wash. The contractor is responsible for ensuring the safety of their employees and adhering to all OSHA, EPA, state and local regulations in performing this work.

Chemicals used by the contractor are subject to approval for use on Authority property by the WMATA Department of System Safety and Risk Protection prior to contract award to ensure that chemicals are safe to use on WMATA property and will not adversely affect WMATA employees and customers. Additionally, the Authority must be assured that rinse effluents can be safely disposed of without treatment in the existing waste water system at the Branch Avenue Yard car wash. Chemicals used may consist of one (1) acid based solution and one (1) alkaline based solution to clean aluminum and painted surfaces leaving them in a neutral state.

The cleaning systems used shall remove iron oxide, aluminum oxide, grease, oil, carbon dust and other soiling agents common to the railroad/subway environment without damaging or adversely affecting the life expectancy or

appearance of the aluminum, glass, rubber, steel, paint or vinyl surfaces of the rail car.

The cleaning systems used shall produce a contaminant-free surface suitable for proper application of decals, logos, etc. Cleaning methods that remove or alter the brushed finish of the aluminum car body surface shall not be used. Contractor will be required to demonstrate their ability to satisfactorily clean a transit car prior to contract award.

Contractor shall be required to start and complete at least eight vehicles per working day. The vehicles shall be delivered to worksite in pairs (4 cars) and in proper fashion so no delay of work performance will be suffered by WMATA or the contractor. Eight vehicles will be delivered to the contractor each day, Monday through Friday, until each of the 956 vehicles have been cleaned twice.

**FUNDING IMPACT**

The estimated cost for the base period is \$1,338,400 and the total cost of this contract if the option years are exercised will be \$4,278,400. As stated, it has been determined that car body exteriors require cleaning twice per year. An award of the option years is subject to Board approval of budgets for those years and the availability of funds.

Base Period	Option Year 1	Option Year 2
FY 2007	FY 2008	FY 2009
\$1,338,400	\$1,400,000	\$1,540,000

Budget: Operating, Rail Car Maintenance, FY2007 thru FY2009

**RECOMMENDATION**

Board approval to initiate and award a competitive requirement contract to clean stains from the exterior of rail cars with a one-year base period and two one-year option periods, and approval to exercise the option years based on Board approval of future years' budgets and fund availability.