

Washington Metropolitan Area Transit Authority
Board Action/Information Summary

<input checked="" type="radio"/> Action <input type="radio"/> Information	MEAD Number: 100422	Resolution: <input type="radio"/> Yes <input checked="" type="radio"/> No
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TITLE:

Air Compressors - POC #91

PURPOSE:

To request Board approval to initiate and award a competitive contract for the purchase of 182 environmentally-friendly, oil-less air compressors for the 2000/3000 Series railcars.

DESCRIPTION:

Contract Number FK0154 was awarded to Alstom Transportation of Hornel, NY in December 2000 for the rehabilitation of the 2000/3000 Series railcars, which were originally manufactured by Breda. As part of the rehabilitation, Alstom replaced the existing brake air compressors with an updated WABCO D4AS air compressor. These are now in need of major overhaul as part of their scheduled maintenance cycle.

It is recommended that 182 environmentally-friendly, oil-less air compressors be purchased on a competitive basis. This action would provide compressors for the remaining 173 railcars plus 9 spares. The compressors will come with an eight-year warranty. Additionally, the failure rate for any given component shall be less than 10%; the contractor shall propose remedies for the failing component to reduce the failure rate to less than 10%. Further, the contractor will provide educational training, course material, maintenance manuals, and spare parts to operate and maintain this equipment.

Environmentally-friendly, oil-less air compressors have been tested by other transit properties with excellent results and have been in operational test at Metro for two years without failure. They require less scheduled maintenance and carry a much longer warranty than oil-lubricated compressors. It will be more cost-effective to replace the existing units with environmentally-friendly, oil-less air compressors now than to perform a major overhaul on the oil-lubricated compressors.

This item was originally included in the proposed Capital Plan of Contracts that was deferred at the FAO Committee on September 10, 2009. This is a priority contract and is being submitted individually because Board-approval of the Plan will not be considered until October, 2009. The new contract is Item Number 91 in the amount of \$5,893,860 on the Plan of Contracts submitted to the FAO Committee on September 10, 2009.

FUNDING IMPACT:

Program:	FY2010 Capital Improvement Program
Project:	Railcars - Urgent Capital Needs (PE_RCAR_UCN0901)
Budget:	\$10,471,000
This Action:	5,893,860
Prior Approval:	4,241,384
Remaining Budget:	\$335,756
Remarks:	Total cost for this action is \$5,893,860. The action is programmed within the approved budget within the Rail Cars - Urgent Capital Needs Project.
Operating Budget Impact:	No impact on operating budget.

RECOMMENDATION:

Approval to initiate and award a competitive contract for the purchase of 182 environmentally-friendly, oil-less air compressors for the 2000/3000 Series railcars.