

Washington Metropolitan Area Transit Authority
Board Action/Information Summary

<input checked="" type="radio"/> Action <input type="radio"/> Information	MEAD Number: 100465	Resolution: <input type="radio"/> Yes <input checked="" type="radio"/> No
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TITLE:

Boom Truck Replacement & Down and Under Unit Rehab

PURPOSE:

This action is obtain authority to initiate and award a competitive procurement for a replacement Aerial Boom Truck and a sole-source procurement to Aspen Aerials for the rehabilitation of the "Down and Under" Inspection Truck. This request supports Metro`s goal of delivering quality service,using every resource wisely and creating a safety culture.

DESCRIPTION:

The Office of Track and Structures Systems Maintenance (TSSM/TRST) has the responsibility for maintenance of both underground and above ground Metro structures.

Aerial Boom Truck Replacement

TSSM currently has four boom trucks in its inventory. In 2009, one boom truck was replaced, two boom trucks under went major rehabilitation in 2008 that increased life expectancy by eight years. The fourth boom truck is beyond economic repair and requires replacement.

The proposed 60-foot aerial boom truck is a self propelled, heavy duty piece of equipment used in daily maintenance operations. It is used to lift structural maintenance and inspection work crews, support generators, welders, equipment and material to high-level access for structural maintenance and inspection work at aerial structures and other high structures within external stations.

The requested boom truck is a replacement unit. The existing boom truck is 20 years old, has exceeded its useful life of 10 to 15 years, and, due to its condition, rehabilitation is not a viable option.

With a majority of the bridge structures and stations having clearances of 40` or more, high reach equipment is necessary for access. As the infrastructure ages,

joint seals and window seals need to be replaced and leaking vents need to be cleaned to prevent water intrusion into station areas. It enables TRST to meet its responsibility to perform federally-mandated inspections on bridge and station structures. This work requires direct access to high areas. The alternative to having a boom truck aerial lift is placing scaffolding and various pieces of equipment underneath and on station platforms impacting efficiency, safety, vehicle traffic and customer mobility.

Down and Under Inspection Truck Rehabilitation

This is a sole-source procurement for a complete rehabilitation by Aspen Aerial of this 10-year-old piece of equipment which is in the cycle for replacement or rehabilitation.

Aspen Aerial is the manufacturer of this specialty equipment and the only vendor who can perform the total mechanical rehabilitation. Rehabilitation, at a cost of \$250,000, will extend the life of the equipment for another 10 years and is economically a better value than replacement, which would cost \$430,000.

The down & under unit is a, self-propelled, heavy-duty piece of equipment used both in maintenance and inspection operations. The unit will provide support generators and lifts for structural maintenance and inspection work crews. When access over water or other Right-of-Way (Highways or CSX Railways, Environmentally-protected land) are necessary, this equipment is the only alternative for performing the maintenance and inspection at these locations. This equipment is necessary for the agency to perform federally-mandated inspection. This work requires direct access to areas over highways, waterways and environmentally protected land.

FUNDING IMPACT:

Program: FY2010 - Infrastructure Renewal Program
Project: ROW Track and Structure Rehabilitation-PE_STRC
Budget: \$3,747,903
This Action: \$490,000
Prior Approval: \$257,280
Remaining Budget: \$3,000,623
Remarks: Cost Breakdown-Aerial Boom Truck-\$240,000; Down and Under Rehabilitation-\$250,000.
Operating Budget Impact: There is no impact on the Operating Budget for this request.

RECOMMENDATION:

Approval to: a) initiate and award a competitive contract to purchase one aerial boom truck and b) initiate an award a sole-source contract to rehabilitate one down and under unit.