

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

Action  
 Information

MEAD Number:  
99904

Resolution:  
 Yes  No

**PURPOSE**

Board approval to initiate and award a competitive multi-year contract for the overhaul of 25 chiller units.

**DESCRIPTION**

Chiller plants are located throughout the Metrorail system to produce chilled water for station air conditioning systems. The life expectancy of an individual chiller unit is approximately 20 years. In order to maintain life expectancy, each unit must have a mid-life overhaul. The overhaul includes, analyzing the amount of wear on moving parts, testing evaporator and condenser tubes for wall thinning and pitting, testing electrical insulation for deterioration, installing new seals and gaskets, cleaning the refrigerant, and replacing worn parts and assemblies.

This contract will overhaul 25 chillers located in 17 chiller plants. The units to be overhauled under this action are located at the following Metrorail Stations: Farragut North, Woodley Park-Zoo (2), Bethesda, Medical Center, Union Station, Glenmont, Farragut West (3), Pentagon (2), Crystal City, Federal Center (2), Potomac Avenue (2), Columbia Heights, Georgia Avenue-Petworth, Benning Road, Capital Heights, Clarendon (2), and Ballston (2) (schedule and access constraints may require the selection of other units in lieu of the above listed).

## FUNDING IMPACT

Program: FY 2008 Capital Improvement Program Project: Passenger Facilities – Station Chiller Rehabilitation			
	FY08	FY09	TOTAL
Budget:	\$2,981,324	\$8,299,000	\$11,280,324
This Action:	160,000	2,420,110	2,580,110
Prior Approval:	<u>1,713,833</u>	<u>0</u>	<u>1,713,833</u>
Remaining Budget:	\$1,107,491	\$5,878,890	\$ 6,986,381
Remarks: Budget and funding beyond FY08 are subject to approval by the Board.			

## RECOMMENDATION

Board approval to initiate and award a competitive multi-year contract for the overhaul of 25 chiller units.