



(Board Copy)
Washington Metropolitan Area Transit Authority
METRO ELECTRONIC ACTION DOCUMENT

IDENTIFICATION			
MEAD ID:	92757	ACTION:	Initiate & Award
AWARD VALUE:	(Not yet awarded)	CONTRACT: (Proposed)	
FUND SOURCES: (View)	Operating Funds	CONTRACTOR:	
LAST MODIFIED:	06/08/2005		

DESCRIPTION	
SUBJECT:	Refurbishment of Westinghouse Escalator Speed Reducers.
PURPOSE:	Initiate and award a new contract through a competitive process, a contract to refurbish Westinghouse Escalator Speed Reducers with a two year base period and approval to exercise three 1 -year options, subject to approval of the applicable budgets and the availability of funds for this project. The contractor is to provide all labor, materials and equipment required to refurbish Westinghouse escalator Modular 100 and Modular 250 Speed Reducers. The refurbished Speed Reducers shall meet all ASME A17.1 code requirements and all OEM specifications.

ORIGINATION					
INITIATOR			DEPARTMENTAL APPROVAL		
DAVID LACOSSE on 04/01/2005			Approved by HUGHES , JAMES 04/26/2005		
PHONE:	-	OFFICE:	ELES	DEPT:	Operations

COORDINATION (ROUTING)		
OFFICE	NAME	ACTION/DATE
OPAS (3161)	HUGHES, JAMES	Approved 04/26/2005
ELES (3180)	LACOSSE, DAVID	Approved 04/26/2005
COUN (1410)	O'KEEFFE, CAROL	Approved w/ Comments 05/10/2005
PRMT (7400)	ZINGALE, JAMES	Approved w/ Comments 05/04/2005
OPAS (3161)	HUGHES, JAMES	Approved 05/16/2005

FINAL APPROVALS	
OFFICE	NAME/ACTION
OPER_CMTE	Approved for OPAS by JAMES HUGHES on 04/26/2005
OPER_CMTE	Approved for OPAS by JAMES HUGHES on 05/16/2005
BEMR	Approved for BEMR by PAMELA WILKINS on 06/01/2005
GM	Approved for GMGR by GMGR CEO on 06/09/2005
BOARD	BOARD WMATA (Not Yet Approved)



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NARRATIVE

DISCUSSIONS:

Authorization is requested to initiate and award a new contract for the refurbishment of Westinghouse Escalator Speed Reducers, Modular 100 and Modular 250. Previously, WMATA/ELES has utilized reducer refurbishment contracts identical in concept to this requested action. Fiscal year funding authority for the most recent such contract, CA2149, expires June 30, 2005. Hence, the reason for establishing a new contract, which is expected to be awarded in the fall of 2005 (early FY06).

WMATA will supply a maximum of one hundred Modular 100 type reducers and fifty Modular 250 reducers per year to the selected contractor for refurbishment.

WMATA has 845 speed reducers in operation. Escalator speed reducers are the driving mechanism for 489 Westinghouse Modular 100 and Modular 250 escalators located throughout the Metrorail system. The refurbished speed reducers are needed to support normal maintenance and repair requirements of the Office of Elevators and Escalators.

The period of performance for this requirements contract will have a two year base and three one year options. This period of performance is considered optimum for WMATA due to the consistent demand for the reducer refurbishment over the last decade and into the foreseeable future. It will lock in a price for WMATA for the two year base and three one year options, reduce administrative efforts, and ensure a ready source of supply for the length of the contract. ELES shall determine the quantity delivered to the contractor for refurbishment, up to the maximum amount, as the contractor is not guaranteed a fixed amount to refurbish.

The same type of escalator speed reducer will be utilized for all rehabilitated Westinghouse escalators over the next several years, thereby reducing the frequency and overall quantity of speed reducer refurbishment work, but not eliminating it. In addition, as WMATA releases escalators from contracted maintenance, this refurbishment contract plays an even more critical role in maintenance and repair.

Each Westinghouse escalator has at least one speed reducer and can have up to six speed reducers such as at the Wheaton Station. The longer the escalator the more speed reducers it utilizes. This component can be compared to the transmission in an automobile. As the gears inside of the housing of the speed reducers becomes worn, they must be replaced to ensure safe and reliable operation of the escalators. WMATA has refurbished speed reducers for more than 12 years, and this is the standard industry practice. WMATA's practice has been to refurbish the speed reducer two times before the reducer reaches the end of its useful life. Depending on traffic load and exposure to weather, a speed reducer can last several years before needing initial refurbishment. WMATA also buys and installs new speed reducers in order to replace speed reducers that have reached their useful life and to maintain the repairable float.

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ALTERNATIVE:

The alternative is to not refurbishment speed reducers and purchase only new reducers through the inventory system. New reducers cost approximately three times that of a refurbished speed reducer. Our refurbishment plan is projected to double the total life span of a speed reducer.

IMPACT ON FUNDING:

Operating Budget, FY 2006 through FY 2010

Office of Elevators and Escalators
Account: Escalator Services

Total Estimated Cost of This Action:

\$1,550,000(FY-2006 & 2007 = \$600,000 FY-2008 = \$315,000 FY-2009 = \$315,000 FY-2010 = \$320,000).

The total estimated cost of this action over the two-year base period and three one-year options is \$1,550,000. Funding for FY06 through FY10 is subject to approval by the Board and the availability of funds for this project.

PRIOR APPROVAL:

None.

AFFIRMATIVE ACTION REQUIREMENTS:

Equal Employment Opportunity

The contractor will be required to comply with Executive Order 11246, Revised Order #4.

DBE REQUIREMENTS:

Pursuant to WMATA Board Resolution #2004-26 there is no DBE goal for this type of contract.

RECOMMENDATION:

Recommend Board approval to initiate and award through a competitive process, a contract to refurbish Westinghouse Escalator Speed Reducers with a two year base period and approval to exercise three 1-year options, subject to approval of the applicable budgets and the availability of funds for this project.