

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

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|---|------------------------|--|
| <input checked="" type="radio"/> Action <input type="radio"/> Information | MEAD Number:<br>100523 | Resolution:<br><input type="radio"/> Yes <input checked="" type="radio"/> No |
|---|------------------------|--|

**TITLE:**

Power Distribution Units at CTF

**PURPOSE:**

Obtain Board approval to initiate and award competitive procurement(s) to provide and install all necessary power distribution and to enhance HVAC components in Metro`s disaster recovery Data Operations Control Center (DOCC) at the Carmen Turner Facility (CTF). The DOCC serves as a secondary/failover location for Metro critical applications and disaster recovery.

**DESCRIPTION:**

This action will install industry standard power distribution units and configure redundancy into the power design for the DOCC.

The current power system is distributed without the aid of Power Distribution Units (PDU), which creates a single-point-of-failure for Data Center operations which makes Metro highly vulnerable to data and system loss, with no redundancy in the event of a disaster.

Additionally the current Computer Room Air Conditioning (CRAC) units must be load tested, repositioned, and properly ducted to provide adequate cooling to match the heat load requirement for Metro`s planned mission-critical applications and hardware platforms. An additional CRAC unit must be installed to provide redundancy in the event of a CRAC unit failure, and to prevent the other units from operational overload.

This action supports the Metro goals of use every resource wisely and deliver quality service by assuring continuity of Data Center operations supporting mission-critical applications.

**FUNDING IMPACT:**

Budget: Metro Matters  
Project: Information Technology  
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|                     |                           |
|---------------------|---------------------------|
| Budget Information: | FY2010<br>PE_ITIS_ITI0601 |
| Budget Amount:      | \$28,601,270              |
| This Action:        | \$650,000                 |
| Prior Actions:      | \$8,106,129               |
| Subtotal:           | \$8,756,129               |
| Remaining Budget:   | \$19,845,141              |

**Operating Budget Impact:** None

**RECOMMENDATION:**

Approval to initiate and award competitive procurement(s) to provide and install necessary power distribution and enhance HVAC components in Metro`s disaster recovery Data Operations Control Center (DOCC) at CTF to prevent operational overload of mission-critical hardware and software applications.