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**26 3353 – Computer Uninterruptible Power Supply (UPS)**

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A. General:

1. Provide a central battery power or rotary (flywheel) UPS to backup all MDF and IDF equipment loads in conjunction with the standby generator on new building or major renovation projects. Rotary UPS's shall only be used if specifically requested by BSU Engineering.
2. Unit shall be of true online type, double conversion, static type, three phase and of sufficient capacity to carry the connected load for a minimum of 60 seconds to carry the load until the standby generator comes online and assumes the load.
3. Provide a separate maintenance bypass / isolation switch to allow the UPS to be completely bypassed and removed from the site should replacement or off-site repair become necessary.

B. Manufacturers:

1. DC Flywheel: Vycon VDC Flywheel System or approved by BSU equal.
2. UPS: Stacon, Liebert or approved by BSU equal.
3. Maintenance Bypass Switch: X-Switch, C&C Power or approved by BSU equal.

C. Additional Requirements:

1. UPS and Flywheel components shall have a full 2 year parts and labor warranty and include preventive maintenance service during the warranty period. Warranty shall include 24x7 coverage with an 8 hour maximum response time as well as 24x7 technical support.
2. The alarm panel shall have dry contact and RS-232 serial communications ports. Ethernet connectivity is preferred if available. If Ethernet connectivity is available on specified model provide jack and station cable back to MDF or IDF and any software required. BSU will provide the IP address but the vendor needs to provide all programming and monitoring software.