

West Virginia Network (WVNET)
Request For Proposal #58003
Data Center Upgrade – Computer Room Air Conditioners

- Floorstand: Standard EC Fan - 12" (457 mm)

Two (2), possibly three (3), Liebert MC Air-Cooled Microchannel Condenser(s), Model MCM080E8AD0W7V, using input supply voltage of 460 Volt, 3 Phase, 60 Hz

- Microchannel aluminum coil
- Variable Speed EC Fans
- Premium electronic control board providing communication with iCOM using CANbus
- Aluminum exterior panels and 18" aluminum legs
- Dual refrigerant circuit condenser
- R-407C set points
- Short Circuit Current Rating of 65,000 Amps, rms

One (1) vNSA14 network switch to connect multiple Ethernet-ready devices. Power input range of 100-240 VAC single phase, 47-63 Hz. Power wiring required.

Ceiling Return Air Plenum: 36" (914 mm) to be proposed as optional equipment (priced separately)

Services & Warranties:

- Year 1: Total Parts and Labor Warranty
- Years 2 thru 5: Extended Compressor Warranty

If an alternative product is proposed, it must be equivalent or better in all aspects.

The contractor shall provide all labor, material, and equipment for the removal of the existing 2 or 3 Liebert air conditioning units being replaced and the installation of 2 or 3 new Liebert air conditioning units (or approved equivalents). This includes delivery and unloading of equipment at the jobsite, including handling of equipment from the delivery point into the data center.

To maintain normal operations, at least three (3) air conditioning units (new or old) must be operational at any one time.

3.3 Infrastructure Reuse: Existing wiring, plumbing, or components can be reused, if appropriate, but must be specified in the bid. If the new equipment requires the existing concrete pad to be extended and/or modified, vendor to provide this work.

3.4 Project Plan and Timeline: This will be a turn-key project. The vendor shall provide WVNET with a complete project plan. The project plan, and any subsequent changes, must be approved by the WVNET Director, or his designee, in advance of any work commencing.

3.4.1 Equipment Delivery and Removal: Vendor shall schedule the delivery or removal of equipment with the WVNET Director, or his designee, at least one week in advance.