



SCOPE OF WORK

ADVANCED ME PLANNING SERVICES, LLC

22 Computer Drive West
Albany, NY 12205

Proposed data center equipment shall primarily be installed in a newly fabricated room, scheduled to be constructed by a contractor other than *AMEP*. It is understood that the contractor performing the build-out of this new data center room will furnish and install a new 3-phase, 400 AMP, 208/120VAC, 4-wire plus ground electrical panel, complete with (2) 100AMP, (1) 200AMP and (2) 15 AMP, three phase circuit breakers. All electrical circuits installed by *AMEP* shall originate from this electrical panel.

Within the aforementioned space, *AMEP* shall furnish and install the following systems/equipment:

- (5) Liebert Optimized Rack Systems (Model No. F2611 DCF), complete with (5) rack PDU (Part No. MPH-NBV27ANXH30) and all required busway, tap boxes, bus plugs, end closers and brackets;
- (2) Liebert CRV Air-Cooled Precision Cooling Units (Model No. R019RA);
- Liebert Aisle Containment System; vertical solution with fusible links as required;
- Liebert APM Three-Phase Uninterrupted Power Supply (Model No. NRB41CCSAFA0K89);
- FM200 Fire Suppression System;
- Fire Alarm System integrated into existing fire alarm system;
- Ducted connection between newly constructed data center space and existing, adjacent “Radio Room.”

Exterior to the newly fabricated data center room, *AMEP* shall furnish and install (2) Liebert Air-Cooled Microchannel Condensers (Model No. MCS028E1YDA009). These units are scheduled to be installed on the lower roof adjacent the newly constructed data center space. Any required fall protection, guarding, roof access, etc. shall be by Others, not *AMEP*.

With respect to *AMEP*-furnished systems/equipment, *AMEP* shall take delivery, deliver to site and install per state, local, county and city codes; as well as NEC, NFPA and the recommendations of respective equipment manufacturer.

AMEP will provide start-up and training for all *AMEP*-furnished equipment. Start-up services shall include: installation of rack sensors, programming of AC systems, programming of uninterruptable power supply and support for integration with existing systems. All start-up and training shall be by factory trained employees.

AMEP shall provide the City with engineered, stamped drawings.

The City shall provide the building permit.

Relocation or modification of any equipment, cabling, racks, etc. associated with the existing “Radio Room” shall be by Others.