

COMPANY >	Hall County MIS	PROPOSAL # >	CPQ148499
ATTN >	Kevin York	PAGES >	2
FAX >		DATE >	September 23, 2021
FROM >	BILL MOSLEY P: (770) 781-0422 BMOSLEY@JOEPOWELL.COM		
PROJECT >	HALL COUNTY CRAC replacement		

We are pleased to provide our quotation for the following Liebert PDX/PCW System:

Quantity (2) Liebert PDX Air-Cooled System

- Configuration Number: PX029DA1ADH22801P0BSPH354
- Model Number: PX029DA1ADH354
- Nominal 101 kBtuh (29.6 kW) at approximately 75°F, 45% RH
- 460 Voltage, 3 Phase, 60 Hz

System Details:

- Downflow with discharge into raise floor
- Liebert iCOM Control with High Definition Display
- iCOM based communication
 - Base Comms & Connectivity includes one Ethernet port and one RS-485 port on iCOM controller, dedicated to supporting BACnet IP, Modbus TCP/IP, BACnet 485, Modbus 485 and SNMP v1/v2c/v3
- Variable speed EC plug fans
- Digital scroll, variable capacity compressor utilizing R-410A
- Crankcase Heater
- Thermal Expansion Valve
- Evaporator Type: tilted- slab, copper tubes - aluminum fins with hydrophilic coating
- Two-Stage 12kW Electric Reheat.
- Infrared Humidifier
- 65,000 Amp, rms Short Circuit Current Rating
- Locking Disconnect Switch
- Dual-float condensate pump field-installed external to unit
- Filter Rating: MERV 8 per ASHRAE 52.2-2007
- Unit Color: RAL 7021 Black Gray Matte
- Supply Air Sensor
- Smoke Sensor
- Temperature/Humidity Sensors internal for return air sensing
- One Remote Shut Down Contact
- Three Alarm Contacts
- 12 inch Floorstand
- Qty-1 LT460-Z20, Zone Leak-Detection Kit w/20 Foot Cable

Quantity (2) Liebert MC Air-Cooled Microchannel Condenser(s)

- Configuration Number: MCM040E1AD0A0VU000000R439
- Model Number: MCM040E1ADR439
- Outdoor Design Ambient : 95°F

- Voltage: 460V/3ph/60Hz

The Liebert MC is an air-cooled condenser featuring an all aluminum microchannel coil and a variable speed EC motor on every fan. Constructed with an aluminum cabinet, the Liebert MC is a low-profile, direct-drive propeller fan-type air-cooled unit suitable for mounting outdoors. It provides for the heat rejection of one refrigeration circuit, matching heat rejection capacity varying with the outdoor ambient temperatures and compressor heat rejection requirements. The unit is quiet and corrosion resistant. All electrical connections and controls are enclosed in a factory mounted NEMA 3R electrical panel.

Liebert MC Condenser Details:

- Microchannel aluminum coil
- Variable Speed EC Fans
- Premium electronic control board providing communication with iCOM using CANbus
- Short Circuit Current Rating of 65,000 Amps, rms
- R-410A factory set points and single refrigerant circuit
- Aluminum exterior panels and 18" aluminum legs
- Domestic packaging

Services Include:

- 8 x 5 Warranty Inspection Only Included--- Startup and 1st year warranty

Installation:

A. Computer room HVAC project:

1. Demo 70a electrical feed to existing 15-ton unit
2. Install new 50a fuses in existing 100a disconnect and reconnect circuit to new 8-ton unit #1
 - A temporary 5 ton portable unit will be provided as well for 1 week during demo and install/startup of the 1st new unit
3. Reuse existing 15a circuit to feed 8-ton unit #1 condenser
4. Install new 50a circuit from downstairs electrical room to computer room to new 8-ton unit #2, disconnect included
5. Install new 15a circuit to feed 8-ton unit #2 condenser
6. Install conduit and (2) control cables from indoor units to outdoor units

B. Demo and Install two new Liebert 8 ton units

1. Demo (1) old 15 ton Liebert unit out of server room, existing line set and condenser outside.
2. Install (2) new PDX Liebert units and frames in sever room.
3. Install new line sets for the new Liebert units.
4. Install (2) new Liebert condensers outside on existing pad.
5. Pull vacuum and pre-charge line sets for Joe Powell start-up tech.

Provide crane for the removal of old condenser unit.

Terms & Conditions:

- Quotation Valid for 30 days
- Price does not include tax
- Terms are Net 30 Days, subject to manufacturer's approval

- Please address Purchase Orders to:

**Joe Powell & Associates
6775 Meadow Lane
Alpharetta, GA 30005**

Total Price Including Freight but NOT TAX

USD \$109,616

Option to consider:

Include year's 2-5 full service contract including 2 PMs per year, parts, and labor +\$18,579

\$ 128,195⁰⁰

BILL MOSLEY
Account Representative