

### Scope of Work:

Provide Parts, Material and Labor to replace 70 Ton HVAC Condensing unit with matching evaporator coil, refrigeration line, TXV, filter core drier, solenoid valve, site glass and all necessary parts to complete the project.

- Recover existing refrigerant. Recycle/dispose properly.
- Disconnect and safe off all high and low voltage electrical and wiring.
- Demo and dispose of the existing condensing unit, evaporator coils and refrigeration lines.
- Provide and Install new copper refrigeration line piping with insulation, aluminum jacketed finish insulation for outdoor and paper or foam insulation for indoor piping.
- Provide and install new stainless steel condensate pan and pipe to existing floor drain.
- Provide and Install one new Carrier 70-Ton condensing unit.
- Provide and install new evaporator coil matching with the new condensing unit including TXV's.
- Provide and install new filter canister and core driers.
- Provide and install isolation valves at coils.
- Provide all necessary and required permits to complete this project.
- Provide engineering details for support piping and equipment.
- Provide structural calculation/seismic engineering details for plan check.
- Modify existing AHU (door, sheet metal panels and walls) as required for the new evap. coil.
- Modify existing support frame for the condensing unit with all new vibration isolators to be compatible with the new condensing unit.
- Provide crane and rigging for removal and installation of all equipment.
- Install new outdoor rated electrical disconnect switch on the roof for the condensing unit.
- Modify electrical conduits if necessary and re-connect all electrical high and low voltage wiring.
- Silver braise all refrigeration copper lines.
- Evacuate system, pressure test refrigerant lines, charge and start up unit.
- Remove and dispose all construction debris as requires per local codes from the site.
- Contractor is responsible to install all I-vue equipment and tie in to existing system and turn over to district all commissioned.

### Schedule of Work:

- This work should be complete over a weekend timeline.
- The expected start and mobilization of the work should be Friday morning.
- Equipment should be set up, started up and tested for proper operation by Sunday night.
- **Please note the A/C needs to be operational and running by Monday morning to complement the staff that will be arriving to work.**

### Specification:

- **Condensing Unit:** 38APD07060-30080.
- **Evaporator Coil:** 5EJ1006B.