

Project: Air Handler Mobile County Health Department (Keeler)

Scope of Work (SOW)

Summary:

- Vendor will isolate all energy sources to the AHU.
 - Water ▪ Electrical ▪ Controls
- Vendor will completely disassemble the AHU unit to remove fan assemble, old parts, and pieces.
- Vendor will clean, prep, seal, and paint the internal surfaces of the AHU as it currently stands and with the current condition of the metal panels.
- Vendor will fabricate new panels and fix rusted areas, to the best of Their abilities, to allow for adequate airtight supply plenum.
 - All sheet metal, piping, and fabrication will be performed by certified UA workers through the local Mobile resource.
- Vendor will provide (2) fan wall blowers with ECM motors to move approximately 10,000 cfm of air to the space.
- Vendor will fabricate new metal panels, diverting sheets, and supports to allow the new fans to move air through the cooling and heating coils.
- Vendor will wet steam the cooling coil and heating coil in the AHU.
- Vendor will provide the sheet-metal material, labor, and welding to renovate the AHU.
- Vendor will provide the crane and lifting services to renovate the AHU and provide material mobilization.
- Vendor will provide debris removal.
- Vendor will insulate the interior of the AHU will all new closed cell sheet insulation to provide a sound, insulated airstream.
- Vendor will provide a Variable Frequency drive or Potentiometer control devices to set the cfm and static from the blower assembly.
- Vendor will provide new electrical power conduit, disconnect, and wire from the penetration from the roof to the new blower assembly.
- Provide biocide product to the entire inside of the air-handler to kill and eliminate any microbials in the system.
- Perform static pressure test and make adjustment to VFD for airflow of the air handler.
- Coordinate with facilities team on project.
- All the work will be performed on normal hours.