

STATEMENT OF WORK For Restoration of Air Handler Condensate Pans

OBJECTIVE:

The objective of this contract is to provide the Montgomery VA Regional Office with a contractual obligation that encompasses the restoration of the condensate drip pans for air handlers 1 and 2. This will include the application of an epoxy coating, fire barrier, and anti-microbial coatings.

This contract **shall not** require access to a VA system or VA sensitive information (e.g., system administrator privileged access to a VA system, or contractor systems or processes that utilize VA sensitive information).

SITE VISIT:

Bidders shall visit the site to confirm location, dimension, and condition of the required for the fulfillment of this contract. The site visit shall be for the purpose of observing first hand any conditions relevant to the fulfillment of this contract. No consideration will be given to claims based on a lack of knowledge of the existing conditions, except where contract documents make definite provisions for adjustment in cost or extension due to existing conditions not readily foreseeable. The site addresses is:

VBA Montgomery Regional Office
345 Perry Hill Road
Montgomery, AL 36109
Building 42 – Engineering Services

CONTRACTOR RESPONSIBILITY:

The Contractor shall provide all labor and equipment and supervision necessary for execution of this contract. Contractor shall be responsible for the following:

Coordinate with facility prior to arrival for shutdown of affected equipment

- Lock-out of the air handler disconnect
- Seal off all incoming and outgoing ductwork and install negative air fans

Contractor shall ensure all tools and debris are cleaned up on a daily basis prior to the end of each work day.

Each air handler shall be brought back to full operational capability prior to the beginning of each work day. The units must be brought online to ensure the building temperature is no more than 75 degrees by 5:45 AM each day. (The Government estimates this to take approximately 3 hours.)

Condensate Pans

- Prepare the air handler drip pans, accessible floors, and other components for application of epoxy coating, fire barrier, and anti-microbial coating and removal of non-compliant coatings and foams
- Apply a Low VOC self-leveling epoxy at approximately 3/16th thickness and 6 inches up the walls to the interior chamber floors downstream of the pre-filters to fan chamber, downstream of cooling coil, and condensate pans to repair compromised sheet metal and halt corrosion in accordance with the following minimum specifications:
 - Slope of Finished Surface: 0.250 inch per linear foot (target), complies with the ASHRAE 62.1 requirement of 0.125 inch per linear foot
 - Surface Burning Characteristics (ASTM E84 per NFPA 90A):
 - Flame Spread Index: 15 without continued progressive combustion
 - Smoke Developed Index: 30
 - Surface Adhesion:
 - Pull Off Strength (ASTM D4541): 480 PSI
 - Crosshatch Test (ASTM D3359): 5b (No Failure)
 - Volatile Emissions: Negligible volatile organic compounds (VOCS)
 - Odors: Very low odor
 - Cure Time: 4 hours or less until unit may be restarted
 - Active Antimicrobial: EPA approved for HVAC use
 - Color: White or Gray
- Apply NFPA 90 compliant fire barrier to epoxy coated areas
- Apply anti-microbial Top Coat over fire barrier for water tightness and providing an active anti-microbial surface

Cooling Coil

- Perform wet steam cleaning and bio-film remediation of cooling coils

Fan Housing

- Apply an Agion technology or equivalent based multi-acrylic, corrosion resistant, anti-microbial coating to all walls, ceilings, fan housings, and structural steel. The government has found Silver Bullet AM to be an acceptable product.

Final Testing and Operation

- Test AHU's for proper drainage to ensure proper operation of existing drain pans and traps and correct any deficiencies, retest if necessary
- Remove Lock Out from AHU's

Any damage resulting from the negligence of the contractor shall be the responsibility of the contractor to replace at no expense to the government.

HOURS OF WORK:

The hours of work shall take place during the non-business hours of 6:00 PM and 5:00 AM, Monday through Friday, Federal Holidays excluded. All work must be completed to allow the facility to reopen for business at 5:45AM. Weekend work is authorized but

must be requested in writing at least one week in advance. Any authorized weekend work will be conducted between the hours of 6:00 PM and 5:00 AM. All work must be completed to allow the facility to reopen for business at 5:45AM. "Inspections" by the COR of all work accomplished are required prior to placing units back in service.

Contractor has 30 days after receipt of order to complete all tasks.

WARRANTY:

Contractor shall warrant that the equipment shall be free of defects in materials and workmanship arising from normal usage for a period of three years.