

# MUSKOGEE COUNTY SHERIFF'S OFFICE

GREG MARTIN  
UNDERSHERIFF



KIMBER FARRIS  
ADMINISTRATIVE ASSISTANT

TERA MASTERSON  
OFFICE MANAGER

ARTURO "ART" LOVIO  
CHIEF DEPUTY

**ANDY SIMMONS**  
SHERIFF

Location of work- 122 South 3<sup>rd</sup> Muskogee County Detention Center

## BID BASIS

This proposal is based on the following documentation and as indicated in the scope of work below.  
Carrier IOM manual

**SPECIFIC INCLUSIONS Condenser Coil Replacement on Carrier Chiller Customer: Muskogee County Sheriff Contractor:**

1. Project Overview Mechanical will provide all necessary labor, materials, and equipment to remove and replace the existing condenser coils on a Carrier chiller at the Muskogee County Detention Center facility. The replacement will ensure the continued efficient operation of the chiller system.

2. Scope of Work 2.1 Pre-Work Inspection and Preparation - Conduct a site assessment to verify the existing conditions and confirm replacement procedures. - Lock out and tag out the chiller system to ensure safety compliance. - Recover all refrigerant from the system per EPA regulations. - Disconnect and isolate electrical and mechanical connections to the existing condenser coil.

2.2 Coil Removal and Installation- Furnish and install 2 new carrier microchannel condenser coils as needed (1 known major leak)- Recover remaining refrigerant from leaking circuit- Remove the defective condenser coil carefully to prevent damage to surrounding components. - Inspect the system for any additional issues that may affect installation. - Install the new OEM or approved equivalent Carrier condenser coil. - Install 1 new filter drier- Reconnect all electrical and mechanical connections. -

Replace any insulation, brackets, and support structures as necessary. - Perform a pressure test to ensure there are no leaks in the system. - Evacuate to or below 500 microns and recharge the system with recovered refrigerant and/or up to 60lbs of new R410A- Verify proper operation of the chiller, including temperature control, pressure levels, and system efficiency. -

Take oil samples from each circuit to be sent for testing- Add compressor oil to the circuit as needed- Conduct a final inspection with the Muskogee County Sheriff's designated representative.

3. Project Timeline - Estimated Start Date: TBD- Estimated Completion Date: TBD

## Potential Bidders

Sliger Mechanical  
5024 Denison Muskogee, Oklahoma  
Attention Jason Artherson

Oklahoma Chiller  
8813 State Highway 66 Tulsa, Oklahoma  
Attention Jason Corbit

Powers of Oklahoma  
11130 East 56<sup>th</sup> Tulsa, Oklahoma



7<sup>th</sup> day of April 2025  
Chairman \_\_\_\_\_  
Member \_\_\_\_\_  
Member \_\_\_\_\_  
Attest \_\_\_\_\_  
County Clerk

**E-MAILED**  
4/7/25 9:15a  
Andy