**Scope of Work:**

Contractor shall furnish all labor, materials, equipment and tools to remove existing outdoor walk-in freezer and install new outdoor walk-in freezer at Dixon Correctional Institute. All work shall be performed during normal business hours: 7:00 AM – 3:00 PM (central time) Monday-Friday. See below for specifications for work.

**Agency contact:**

Will Bunch

225-634-9101

**Location:**

Dixon Correctional Institute

5568 Highway 68

Jackson, LA 70748

**Project location: Compound 2**

**Specifications:**

 1. Contractor shall disassemble existing freezer and remove offsite.

2. Contractor shall install new outdoor walk-in freezer with floor, condensing unit and evaporator on existing concrete slab 12’ wide by 26’ long by 13” thick.

**Freezer Box**

 1. Highest Temperature Acceptable: -10 degrees

2. Insulation: Walls shall be 4 inches thick AK-XPS4 (or equal) extruded polystyrene (XPS) foam insulation, bonded permanently to interior and exterior metal “skin” with R-value of R-32. Tongue and groove edges of panels shall be of the same panel core insulation with non-corrosive thermoplastic cam-action panel fastener. National Sanitation Foundation (NSF) approved compression gasket shall be applied to the tongue side of all panels on both interior and exterior.

3. Floor construction: Floor insulation shall be 4 inches thick AK-XPSA (or equal) extruded foam insulation with R-value of R-32. Floor shall be constructed from coated ¾ inch plywood underlayment, 22 gauge textured stainless steel, and overlay minimum .090 aluminum diamond tread plate. NSF floor panel shall be rated for 2,600 lbs. per square foot, load bearing capacity structural reinforcement

4. Interior ramp shall be approximately 24 inches deep

5. Door: Door shall be 26 gauge stucco embossed acrylic coated galvalume finish on interior and exterior of door**.**

 Door size: Approximately 48 inch X 78 inch door opening.

 Door frame: minimum 1 ½ inch thick heavy duty frame.

Insulation: Door shall be minimum 4 inch thick AK-XPS4 (or equal) extruded polystyrene insulation providing R-value of R-32.

Door shall be equipped with cam-rise hinge, two spring loaded hinges, deadbolt locking handle with safety inside release, door closer.

Door shall have thermoplastic (PVC) coated magnetic gasket.

Door shall have a double sweep wiper at the bottom edge of door.

Door jamb shall be provided with a LED light fixture center mounted, digital thermometer with safety pilot on-off switch and conduit between switch box and outlet junction box.

Door shall include a heater cable with heat sensing regulating thermostat and a heater pressure relief vent.

Door shall be equipped with a perimeter heater wire that is connected to an electric gang box mounted on the exterior frame.

Door shall come with a threshold.

Door shall have a magnetic stainless steel “L” channel for door gasket contact.

Door shall have a hood approximately 43 inches to 79 inches.

6. Freezer box shall have rain roof membrane cover with minimum 10 foot long termination bars.

7. Metal finish: Standard 26 gauge acrylic coated galvalume stucco embossed on the interior and exterior on wall, ceiling and exterior of floor.

8. Approximate dimensions of freezer are 10 foot 11 ½ inches X 23 foot 11 1/8 inch X 8 foot 2 ¼ inches.

New freezer shall be an Amerikooler or equal.

**Specify Brand/Model of Freezer Bidding:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Outdoor Condensing Unit:**

1. 4HP

 2. 208-230 VAC, 60 HZ, 3 phase

 3. Low temperature

 4. Scroll type

 5. Permanent split capacitor

 6. MCA 32.2 amps

 7. Flooded head pressure control / Air cooled, R-448A

 8. Full load amps – 3.1

 9. Overload protection

 10. Rated load amps – 11.9

Kramer Model KFOS08L4SEA or equal

**Specify Brand/Model of Condensing Unit Bidding:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Evaporator:**

 1. Medium profile

 2. Dual speed ECM Motor type

 3. Electric defrost

 4. R-448A refrigerant

 5. 208-230 VAC, single phase, 60 HZ

 6. One (fan) minimum 24 inch diameter

 7. Minimum 75 feet air throw

 8. 2090 CFM

 9. 1.9 total motor amps

 10. 19.5 heater amps

 11. 4,480 heater watts

Kramer Model KM6E184DDA or equal

**Specify Brand/Model of Evaporator Bidding:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**\*\*If bidding other than specified, please provide manufacturer’s specs for “or equal” items.\*\***