



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS AIR FORCE SUSTAINMENT CENTER (AFMC)
TINKER AIR FORCE BASE OKLAHOMA



MEMORANDUM FOR RECORD

SUBJECT: Item Description, A23-031 KC-46 Composite Walk in Freezer

1. The 76th AMXG requests the purchase of one (1) Composite Walk in Freezer or equivalent.
2. The requested item descriptions/specifications are outlined below.
 - a) One (1) Composite Walk in Freezer or equivalent. The Contractor shall provide delivery, installation, and performance verification in the Chemical Room of Building 9504 located at Tinker Air Force Base OK. The Freezer shall be a NFPA 86 Class "A" freezer with a typical constant operating temperature range of -22° C to -40° C. The Freezer shall have a minimum interior work area dimension of 8' Length x 6' Width x 6.5' Height, maximum exterior dimensions of 10'L x 8'W and ability to function in a 10' height room).
 - b) The rest of this specification shall be taken as minimum requirements unless otherwise stated and a standard unit which meets or exceeds these minimums may be offered in place of a custom unit.
 - Power shall be 208V, 30amp, 3 phase with cord and plug attached to unit.
 - Condensing unit shall have 208/3p/30a power cord.
 - Freezer shall have racks to hold eight (8) composite material rolls (3 to 4 ft long ea.), so they are not laying on themselves or a surface.
 - Freezer racks shall hold a minimum of 500 pounds each.
 - Freezer shall have monitor alarm for open door and over temperature.
 - Freezer shall have an Audio-Visual High temperature alarm system.
 - Freezer shall be equipped with a bypass or other type device on each door of freezer to permit escape from inside.
 - Freezer shall include LED lighting and anti-sweat equipped with a 110v 10a circuit.
 - Freezer floor shall be provided with a non-slip surface.
 - Freezer shall have a steel ramp for the specified door width.
 - Controller shall be a solid-state digital controller capable of either (F) or (C).
 - Freezer shall have an allowable temperature variance of $\pm 5^{\circ}$ F throughout the freezer on the temperatures set in the program for normal operations
 - Condenser shall be suited for indoor use.
 - One (1) each factory tested pressure relief port.
 - Freezer shall be furnished with all standard equipment normally furnished by the manufacturer.
 - Freezer shall meet NFPA 70, OSHA and UL codes.
 - Contractor shall perform all set up, charge unit, and start up and testing.
 - Contractor shall provide installation, start up, and performance verification in accordance with the Statement of Work (SOW).