

Statement of Work (15 September 2008)

Purchase and Installation of New Mechanically Assisted Movable Aisle Storage System

Subject: The Statement of Work is for the purchase and installation of a new mechanically assisted movable aisle storage system for storage of equipment for the 440th OSS. The 440th has limited space in Building 738 and needs a high density storage system to be able to store all their equipment.

Description of Work: The 440th OSS requires purchase and installation of the mechanically assisted movable aisle storage system. Specifically, contractor will:

- Travel to Pope AFB to unload and install a new mechanically assisted movable aisle storage system. The system will be composed of two sections that operate in unison. The aisle space between the two systems will be 48". The system must have fully driven carriages (each wheel is driven) that use 3" diameter wheels and the carriages must have a capacity of 1000# per linear foot.
- Carriages must have a standard gear ratio of 1 to 6000 (1# of effort moves 6000#).
- All storage units will have all steel components. The height of all uprights will be 88". All uprights are closed uprights and must be 18 Ga. 42" and 48" wide shelving units will have 14 Ga. shelf supports and 48" wide shelving units will have 11 Ga. shelf supports.
- Both sections of the system will have decks of ¾" thick plywood and the rails will be leveled by use of grout. The floor covering will be black ribbed matting.
- Every carriage will have a label holder installed on the drive end to use for identification of items stored in each carriage.

Section 1

- This section of the system will have 5 movable carriages that are 14' long and 48" wide with shelving that is 42" wide and 24" deep installed back to back on the carriages. The shelving units back to back on the carriages will have full solid backs between them.
- All movable carriages will have laminated end panels on the drive end.
- There will be 4 openings per 3 1/2' wide shelving unit (3-22 ¾" & 1-13 ¾") on the movable carriages. The 22 ¾" openings will have vertical bin dividers in the middle of the opening that will be the height of the opening and will be attached to the top and bottom shelf in the opening.

Section 2

- This section of the system will have 2 movable carriages and one stationary carriage. All stationary and movable carriages will have laminated end panels on the drive end. All carriages will be 9' long. The two movable carriages will be 48" wide and will have 36" wide 24" deep shelving back to back installed on the carriages. The shelving units back to back on the carriages will have full solid backs between them.
- The stationary carriage will be 18" wide and 9' long with shelving units that will be 36" wide and 18" deep installed on the carriage.
- There will be 4 openings (3-17 ¼" & 1-15 ¾") per 36" wide unit on the stationary carriage. There will also be 1 full extension 24" deep drawer with stop locks on each of the drawer slides and a 12" drawer fronts per 36" wide unit.
- There will be 3 openings (2-20 ¼" & 1-18 ¾") per 36" wide unit on the movable carriages. There will also be 2 full extension 18" deep drawers with stop locks on each of the drawer slides and 2-10 ½" drawer fronts per 36" wide unit. The interior of these drawers will have inserts attached to them so that partitions and dividers can be added in the future.
- All drawers will have a 200# capacity.
- 2" bumpers will be required on all carriages with drawers to prevent the drawer fronts from contacting each other when the system is closed.

Conditions of Work: CAD drawings with elevation views and plan views must be submitted with each quote.