SECTION 10503
TURNOUT GEAR LOCKERS
MOBILE UNITS

PART 1 GENERAL

1.1 SECTION INCLUDES
A. Design, fabrication and installation of mobile turnout gear lockers as specified herein.

1.2 RELATED SECTIONS
A. Section 10: Metal Lockers

1.3 SUBMITTALS
A. Product Data: Submit manufacturer’s product data and installation instructions.
B. Shop Drawings: Submit manufacturer’s shop drawings for each individual mobile unit of lockers.
C. Samples: Submit manufacturer’s standard color samples.
E. Warranty: Submit manufacturer’s standard warranty.

1.4 QUALITY ASSURANCE
A. Manufacturer shall have a minimum of five years experience in the direct manufacture of lockers.
B. Installer shall have experience in locker assembly.

1.5 DELIVERY, STORAGE AND HANDLING
A: Delivery: Deliver materials to site in manufacturer’s original, unopened containers with labels identifying product and manufacturer’s name.
B: Storage: Store materials in a clean dry area.
C: Handling: Protect materials and finish during installation and handling to prevent damage.

PART 2 PRODUCTS

2.1 MANUFACTURER

2.2 TURNOUT GEAR LOCKERS
A. Model: Mobile Units
1. GEARGRID 3-Pack unit having three openings on one side.
   a. 20” unit overall dimensions: 83” high x 63” wide x 20” deep.
   b. 24” unit overall dimensions: 83” high x 75” wide x 20” deep.

2. GEARGRID 6-pack unit having three openings each side back to back.
   a. 20” unit overall dimensions: 83” high x 63” wide x 40” deep.
   b. 24” unit overall dimensions: 83” high x 75” wide x 40” deep

B. Locker Sizes:

1. Standard 20” Opening: Overall dimension-79” high x 21.25” wide x 20” deep.
   a. Clear Opening Width: 18.75”

2. Jumbo 24” Opening: Overall dimension-79” high x 25.25 wide x 20” deep.
   a. Clear Opening Width: 22.75”

C. Construction: Units shall be welded at all applicable joints. Forming of metal shall be completed by standard cold-forming operations. Use of fasteners will only be required to allow for knock-down shipping, securing units to mounting surface and on applicable accessories.

D. Vertical Dividers:

1. Outer Frames: 1.25” O.D. x 16 gauge wall thickness ASTM A513 steel tubing.

2. Inner Grid: .25” diameter ASTM 510 cold drawn steel wire resistance welded to a 3” square pattern.

E. Back Panel:

1. Grid: .25” diameter ASTM 510 cold drawn steel wire resistance welded to a 3” square pattern.

F. Shelves: (1) Top, (1) Bottom. .25” diameter ASTM 510 cold drawn steel wire resistance welded and cold formed. Top shelf includes a 20 gauge steel bracket to accept a 2” x 16” name placard.

G. Apparel Hooks: (3) per opening. .25” diameter ASTM 510 cold drawn steel wire resistance welded and cold formed.

H. Base Assembly: Base frame shall be manufactured from 1.25” x 11 gauge wall thickness ASTM A513 square steel tubing. Each unit to be supplied with four (4) casters per unit. Casters to have a 250 lbs. capacity per each caster. Each caster is a swivel model with brake.

2.3 ACCESSORIES

A. Door (optional):

1. Frame: 1.25” O.D. x 16 gauge wall thickness ASTM A513 steel tubing.
2. Inner Grid: .25” diameter ASTM 510 cold drawn steel wire resistance welded to a 3” square pattern.

3. Top Cover: .25” diameter ASTM 510 cold drawn steel wire resistance welded to a 3” square pattern.


5. Placard Channel: 20 gauge steel to accept a 2” x 12” name placard.


B. Horizontal Hang Bar (optional):
   1. Tube: 1.25”O.D. x 16 gauge 304 stainless steel tubing.
   2. Brackets: Attach to side mesh, powder coated.

C. Coat Drying Hanger (optional):
   1. .25” diameter 304 stainless steel wire cold formed and resistance welded.
   2. Black vinyl coating on hook end.

D. Glove Drying Hanger (optional):
   1. .25” diameter 304 stainless steel wire cold formed and resistance welded.
   2. Black vinyl coating on hook end.

E. Helmet Holder (optional, not recommended for use with door option)
   1. .25” diameter ASTM 510 cold drawn steel wire resistance welded.

F. Gear Box (optional)
   1. 6” x 6” x 12” long 6061 Aluminum with door one end.

2.4 FINISH
A. General: All system components excluding assembly and mounting hardware and stainless steel components are to receive the standard finish.

B. Standard Finish: Components to be cleaned using a phosphatized bath, clear water rinse and electro-statically coated with a durable TGIC powder coating.

C. Color: _______________

Part 3 EXECUTION

3.1 EXAMINATION
A. Examine areas to receive lockers. Notify architect if areas are not acceptable. Do not begin installation until unacceptable conditions have been corrected.
3.2 INSTALLATION
   A. Assemble mobile lockers in accordance with manufacturer’s instructions.
   
   B. Use manufacturer’s hardware for assembly.
   
   END OF SECTION