

**SECTION 10501
FIRST RESPONDER SERIES
PERSONNEL DUTY LOCKERS
DEBOURGH MFG. CO.**

PART 1 – GENERAL

1.01 RELATED DOCUMENTS

- A.** Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 specifications apply to this section.

1.02 SUMMARY

- A.** This Section includes the following:

1. First Responder Series Personnel Duty Lockers, including the following:

- a.** 18x24x61 Single Tier
- b.** 24x24x61 Single Tier
- c.** 36x36x61 Single Tier

- 2.** Provide fasteners and anchorage devices to install lockers provided under this section.
- 3.** Provide metal filler panels to fill between banks of lockers and adjacent construction.

1.03 SUBMITTALS

- A.** Product Data: Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for each type of locker and bench.
- B.** Shop Drawings: Show lockers in detail, method of installation, fillers, trim, base, and accessories. Include locker numbering sequence information.
- C.** Samples for verification: Submit one full-size locker sample for evaluation. Adherence to the specification is required. Locker submitted must meet specification regardless of manufacturer's standard product. Submit manufacturer's technical data and installation instructions for metal locker units.
- D.** Maintenance Data: For adjusting, repairing and replacing locker doors and latching mechanisms to include in maintenance manuals specified in Division 1.

1.04 QUALITY ASSURANCE

- A. Uniformity and Single Manufacturer Requirements: Provide each type of metal locker as produced by a single manufacturer, including necessary mounting accessories, fittings, and fastenings.
- B. Installers Qualifications: Lockers to be installed by an experienced agent of the manufacturer.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Packing and Shipping: Do not deliver metal lockers until building is enclosed and ready for locker installation.
- B. Storage and Protection: Protect materials from damage during delivery, handling, storage and installation.

1.06 WARRANTY

- A. Locker manufacturer shall warrant the lockers for five years use of the original purchaser from date of shipment. Warranty shall include all defects in material and workmanship, excluding finish, vandalism and improper installation.

PART 2 – PRODUCTS

2.01 MANUFACTURERS

- A. Acceptable Manufacturers: Subject to compliance with requirements of the Contract Documents, acceptable manufacturers are as follows:
 - 1. DeBourgh Manufacturing Company

2.02 FABRICATION

- A. Locker Construction
 - 1. Lockers to be welded unibody construction with exposed welds sanded smooth.
 - 2. No bolts, screws or rivets used in assembly of locker units.
 - 3. Ship lockers set-up, ready to be anchored in place in accordance with manufacturer's instructions.
- B. Body of Lockers:
 - 1. Sides and Intermediate Partitions: Exterior sides constructed of 16 gauge domestic cold rolled sheet steel for maximum durability.

2. Backs: Solid sheet of 18 gauge cold rolled sheet steel welded to frames of sides and intermediate partitions.
3. Shelves: Constructed of 16 gauge cold rolled sheet steel welded to sides and intermediate partition construction. 2 smaller shelves with one being a lockable security compartment. One full width shelf provided on top for briefcase and headgear storage.

C. Continuous Door Strike:

1. Sides, tops and bottoms constructed to provide four-sided, continuous door strike for a secure, sanitary and intrusion-free locker while door is in closed position.

D. Doors:

1. Doors are 14 gauge steel, formed outer panel with double bends on both sides and a single bend on top and bottom with 18 gauge steel formed stiffener panel.
2. Stiffener runs top to bottom between ventilation. Stiffener is securely welded to outer door to form a reinforced channel for additional strength and sound reduction when closing door. Stiffener to be perforated with 3/16 holes to act as a peg board. (Peg board hooks are not included with the locker) Stiffener panel to cover a minimum of 1/3 of the width of the door and 2/3 of the overall height.

E. Door Ventilation:

1. Louvered doors with six louvers at the top and bottom of the formed door providing 7% ventilation per square inch.

F. Latching

1. Sentry I Three-Point/Three-sided cremone latch:
 - a. Latching mechanism operated by a steel handle welded to a three-point cremone type assembly.
 - b. Latching rods, 3/8 inch diameter, engage top and bottom edge of locker frame. A 3/16 inch thick center latch engages door jamb.
 - c. Rubber bumpers riveted to door stops for silent operation.

F. Hinges:

1. 16 gauge continuous piano hinge on the right side of the opening.

2. Hinges welded to door and riveted to locker frame.

G. Closed Base:

1. For units with no drawer base provide 14 gauge welded steel base enclosed on all four sides, securely welded to locker bottom. Base to be designed to accept a solid maple seating surface attached to each base.

H. Self Latching Drawer Base:

1. 17 inch overall height, by 33 3/8 inch deep.
2. Drawer base top, bottom and sides to be constructed from 16 gauge CRS. Drawer base back and drawer to be constructed using 18 gauge CRS.
3. Drawer base to have integral self latching mechanism which is triggered by the operation of the wardrobe door. Drawer to be locked whenever the wardrobe door is closed. Drawer base to be designed to accept a solid maple seating surface attached to the base.
4. Drawer base to be fully assembled and attached to locker bottom at the factory.
5. 2 ea: full extension ball bearing drawer glides rated at a minimum of 150 pounds. Lockers over 24 inches wide must meet drawer glide manufacturer's minimum requirement.

I. Lockable Interior Security Compartment:

1. Available on all lockers 18" or wider. Located on the left side of the opening above 1 ea. extra shelf. Center divider allows a separate area for clothes rod.

H. Filler Panels: Manufacturer's standard fabricated from 18 gage solid steel finished to match lockers.

I. Finish:

1. Complete locker unit to be thoroughly cleaned, phosphatized and sealed.
2. Finish to be baked pure TGIC polyester powder coat
3. Color of lockers shall be chosen from manufacturer's 47 standard colors.

2.03 LOCKER ACCESSORIES

A. Hooks:

1. Hooks to be heavy duty forged steel with ball ends and zinc plated.
4. Provide two single wall hooks in the main compartment and one double ceiling hook in the lower left hand compartment.

B. Numbering

1. Furnish each locker with polished aluminum number plate with etched black numbers.
2. Locate number plate near center of each door.
3. Owner to furnish numbering sequence.

C. Clothes Rod.

D. Shaving Mirror.

E. Removable boot tray for easy cleaning.

F. Hook locations for duty belt and clipboard.

PART 3 – EXECUTION

3.01 INSTALLATION

A. Wall Installation:

1. Securely anchor every locker to wall and/or floor before use.
1. Anchoring to be determined by conditions at time of installation.
2. The adjacent locker units by bolting at four points, two at top and two at bottom, using 1/4-inch cadmium plated bolts.

3.02 ADJUSTING

- A. General Requirements:** Upon completion of installation, inspect lockers and adjust for proper door and locking mechanism operation.

3.03 CLEANING

A. General Requirements:

- 1.** Clean interior and exposed exterior surfaces, removing debris, dust, dirt, and foreign substances on exposed surfaces.
- 2.** Touch up scratches and abrasions to match original finish.
- 3.** Polish stainless steel and non-ferrous metal surfaces.
- 4.** Replace locker units that cannot be restored to factory-finished appearance.
- 5.** Use only materials and procedures recommended or furnished by locker manufacturer.