SECTION 105113

METAL WARDROBE LOCKERS

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**NOTE TO SPECIFIER**

*Use this Specification Section for Mail Processing Facilities.*

***This is a Type 2 Specification with primarily editable text; therefore, most of the text can be edited, but there is some required text which is noted within the Section with a “Note to Specifier.” Do not revise these paragraphs without an approved Deviation from USPS Headquarters, Facilities Program Management, through the USPS Project Manager.***

*For Design/Build projects, do not delete the Notes to Specifier in this Section so that they may be available to Design/Build entity when preparing the Construction Documents.*

*For the Design/Build entity, this specification is intended as a guide for the Architect/Engineer preparing the Construction Documents.*

*The MPF specifications may also be used for Design/Bid/Build projects. In either case, it is the responsibility of the design professional to edit the Specifications Sections as appropriate for the project.*

*Text shown in brackets must be modified as needed for project specific requirements.* *See the “Using the USPS Guide Specifications” document in Folder C for more information.*

*The last date that USPS revised this standard specification section occurs in two places, at the end of this section and in the Table of Contents. If the date in this section matches the date in the Table of Contents, then you are using the latest version. Do not delete or revise the “last revised” date at the end of the section during the development of the Project Manual.*

*The footer in this section should be edited to replace the text, “USPS MPF SPECIFICATION” with the project name, and the blank date in the center should be replaced with the submission date, for interim design reviews, or the issue date of the completed Project Manual.*

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PART 1 – GENERAL

1.1 SUMMARY

A. Section Includes:

1. Wardrobe locker units with hinged doors.

2. Metal bases and filler panels.

3. Locker room benches.

B. Related Documents: The Contract Documents, as defined in Section 011000 - Summary of Work, apply to the Work of this Section. Additional requirements and information necessary to complete the Work of this Section may be found in other Documents.

1.2 SUBMITTALS

1. Product Data: Required
2. Shop Drawings: Required
3. Samples: Required

PART 2 – PRODUCTS

2.1 MANUFACTURERS

* + 1. Subject to compliance with project requirements, manufacturers offering Lockers which may be incorporated in the Work include the following:
       1. ASI Storage Solutions, Eastanollee, GA., (706) 827-2710.
       2. DeBourgh Manufacturing Company, La Junta, CO, (800) 328-8829.
       3. List Industries, Inc., (800) 776-1342.
       4. Lyon Metal Products, LLC, Aurora, IL (800) 323-0082.
       5. Penco Products, Incorporated, Oaks, PA (800) 562-1000.
       6. Republic Storage Systems Company, Canton, OH (800) 477-1255.
    2. Subject to compliance with project requirements, manufacturers offering Locker Room Benches which may be incorporated in the Work include the following:
       1. ASI Storage Solutions, Eastanollee, GA., (706) 827-2710.
       2. DeBourgh Manufacturing Company, La Junta, CO, (800) 328-8829
       3. List Industries, Inc., (800) 776-1342.

2.2 LOCKERS

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**NOTE TO SPECIFIER**

**REQUIRED**: Consult with the USPS Project Manager and refer to the USPS Zone Map in Handbook AS-503, Standard Design Criteria, Appendix M1-C, to determine locker sizes for the project:

Zones 1, 2, 3, 4, 5: Use 12 inch wide x 15 inch deep x 36 inch high double tier lockers, or 7-1/2 inch wide x 15 inch deep x 72 inch single tier high lockers.

Zones 6 and 7: Use 12 inch wide x 15 inch deep x 72 inch high single tier lockers.

All lockers must have sloped tops and are to be provided with hasps to accept USPS supplied padlocks.

The total number must be provided for the employee complement specified in the planning documents.

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* + 1. Type: [Single Tier] [Double Tier] lockers with sloped tops and "Z" type metal base.
    2. Sheet Steel: Commercial grade, mild annealed, cold rolled and stretcher leveled with the following thickness:
       1. Body and shelf: Minimum 24 gauge.
       2. Door Frames: Minimum 16 gauge:
       3. Tops and trim: Minimum 18 gauge.
    3. Hinges: Minimum 2 inches high, 0.050 inch thick steel, 4 or 5 knuckles with spun over pin ends.
    4. Fittings:
    5. 1. Recessed locking handles with hasps for USPS-furnished padlocks.
       1. One double and three single prong coat hooks.
       2. Door numbers with numbers as directed.
       3. Rubber bumpers.
    6. Locker Unit Size: [12 inches wide by 15 inches deep by 72 inches high] [7.5 inches wide by 15 inches deep by 72 inches high] [12 inches wide by 15 inches deep by 36 inches high].
    7. Bodies: Formed and flanged.
    8. Door Frames: Formed channel shaped, welded, and ground flush.
    9. Doors: One piece with vertical edges channel shaped, top and bottom, flanged at 90 degree angle, hinges welded to door and bolted to frame and ventilation louvers and top and bottom.
    10. Sloped tops: Continuous with closed ends where exposed.
    11. Bases: 4-inch high solid zee base, 14 gauge. Provide front and closed end where visible.
    12. Fasteners and Anchors: As recommended by locker manufacturer.
    13. Finish:
        1. Preparation: Clean, degrease and neutralize.
        2. Paint Materials and Application: Powder coat or electrostatically sprayed with heavy coat high quality enamel and baked at 300 degrees Fahrenheit, capable of withstanding hammer test without chipping and flaking.

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**NOTE TO SPECIFIER**

Specify finish color to match interior paint finish.

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* + - 1. Finish Color: [Blue] [Gray] to match specified interior paint finishes.
    1. Padlocks: Supplied by USPS.
  1. LOCKER ROOM BENCHES
     1. Bench Tops: Provide manufacturer’s standard one-piece units, of the following material minimum 9-1/2 inches wide by 3/4 inch thick, with rounded corners and edges:
        1. Black phenolic core with finish color selected by USPS Project Manager.

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**NOTE TO SPECIFIER**

If the handicap bench is not affixed to a wall to provide back support, then provide at least one RE4-compliant bench seat with a back as a part of the bench top. Indicate on the Drawings which bench(es) have backs.

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* + 1. Handicap Bench Tops with Seat Back: Provide manufacturer’s standard one-piece units, of the following material, 20 to 24 inches deep by 48 inches long by 3/4 inch thick, with rounded corners and edges:
       1. Black phenolic core with finish color selected by USPS Project Manager.
    2. Pedestals: Provide manufacturer’s standard heavy duty pedestal supports, with predrilled fastener holes, complete with fasteners and anchors, and as follows:
       1. Type: Tubular steel, minimum 1-3/4 inch diameter, threaded on both ends, with standard pipe flange at top and bell shaped cast base; baked-enamel finish; floor anchored with concealed fasteners.
       2. Color: Match locker units.
       3. Pedestal spacing shall be not more than 40 inches and not more than 8 inches from bench end.

PART 3 – EXECUTION

* 1. EXAMINATION
     1. Section 017300 - Execution: Verification of existing conditions before starting work.
     2. Verification of Conditions: Verify that field measurements, surfaces, substrates, and conditions are as required, and ready to receive Work.
     3. Report in writing to the USPS Project Manager prevailing conditions that will adversely affect satisfactory execution of the Work of this Section. Do not proceed with Work until unsatisfactory conditions have been corrected.
     4. By beginning Work, Contractor accepts conditions and assumes responsibility for correcting unsuitable conditions encountered at no additional cost to the United States Postal Service.
  2. PREPARATION
     1. Field Measurements: Take field measurements prior to preparation of shop drawings and fabrication of special components, when possible, to ensure proper fitting of work. However, allow for adjustment and fitting of trim and filler panels whenever taking of field mea­surements before fabrication might delay Work.
  3. LOCKERS INSTALLATION
     1. Install metal lockers at locations indicated on Drawings in accordance with manufacturer's published instructions.
     2. Install lockers plumb, level, rigid, and flush.
     3. Space fastenings about 48 inches on center, unless otherwise recommended by manufacturer. Install through back-up reinforcing plates where necessary to avoid metal distortion. Conceal fasteners.
     4. Install trim where indicated, use concealed fasteners to provide flush, hairline joints with adjacent surfaces.
  4. BENCH INSTALLATION

A. Install benches at locations indicated on drawings in accordance with manufacturer’s published instructions.

B. Install benches plumb, level and straight.

C. Bench quantity: as indicated on drawings.

* 1. FIELD QUALITY CONTROL
     1. Section 014000 - Quality Requirements: Field testing and inspection.
     2. Inspect installation of lockers, benches, attachments, and alignment with adjacent finishes.
     3. Operate locker doors and locking devices.
  2. ADJUSTING AND CLEANING
     1. Adjust doors and latches to operate easily without binding. Verify that integral locking devices are operating properly.
     2. Touch-up marred finishes. Use only materials and procedures recommended or furnished by locker and bench manufacturer. Replace units which cannot be restored to factory-finished appearance.

END OF SECTION

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**NOTE TO SPECIFIER**

Coordinate the following items with drawings and delete from specification.

DRAWING COORDINATION ITEMS

Drawings should indicate the following information related to this Section.

1. Location and number of required locker units and benches.

2. Style and sizes of compartments, compartment arrangement, and size of units.

3. Size and location of recessed openings, if any, with details of installation.

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USPS MPF Specification Last Revised: 10/1/2022