

**SECTION 105500 POSTAL EQUIPMENT**

PART 1 - GENERAL

1.1 GENERAL REQUIREMENTS

- A. Work of this Section, as shown or specified, shall be in accordance with the requirements of the Contract Documents.

1.2 SECTION INCLUDES

- A. Work of this Section includes all labor, materials, equipment, and services necessary to complete the postal equipment as indicated on the drawings and/or specified herein, including, but not limited to, the following:
  - 1. Horizontal, front-loading mailbox assemblies.

1.3 RELATED SECTIONS

- A. Carpentry - Section 062000.
- B. Gypsum Drywall - Section 092900.

1.4 QUALITY ASSURANCE

- A. Manufacturer: Provide products of manufacturers approved by U.S. Postal Service. Comply with manufacturer's instructions for installation of postal specialties.
- B. Requirements of Regulatory Agencies: Comply with the U.S. Postal Service requirements including USPS-STD-4C.

1.5 SUBMITTALS

- A. Product Data: Submit manufacturer's technical data and installation instructions for postal specialties units required.
  - 1. Provide manufacturer's certification that equipment proposed conforms to U.S. Postal Service regulations and has been approved by the Postmaster General.
- B. Samples: Submit samples, of each color and finish of exposed materials and accessories required for postal specialties.
  - 1. Submit one full-size sample of each type of mailbox. Acceptable samples may be incorporated in work.
- C. Shop Drawings: Submit shop drawings for fabrication and erection of postal specialties. Include plans, elevations and large-scale details. Show anchorages and accessory items. Provide location drawings.

1.6 WARRANTY

- A. Warranty: Submit a warranty, signed by Manufacturer and Contractor, agreeing to repair or replace mailbox units which fail in materials or workmanship within 2 years of date of acceptance.

## **PART 2 - PRODUCTS**

### **2.1 MANUFACTURER**

- A. Available Manufacturer: Subject to compliance with requirements, provide postal specialties as manufactured by Florence Corporation, Salsbury Industries, or approved equal.
- B. Selected Product: As selected by the Architect.

### **2.2 HORIZONTAL MAILBOXES**

- A. General: Provide horizontal-style mailboxes complying with USPS Publication 17 in size and with features indicated.
  - 1. Fabricate concealed components of units from manufacturer's standard aluminum or steel sheet.
- B. Doors and Frames: Manufacturer's standard ganged and nested units with cardholder for tenant's identification behind each box. Construct doors with concealed, full-length, stainless steel hinges and with slots to receive tenants' names and numbers. Fabricate doors and frames from extruded aluminum.
  - 1. Number Identification: As shown or, if not shown, as selected by Architect from manufacturer's standards.
  - 2. Locking: A 5-pin tumbler, cylinder lock capable of at least 1000 key changes, with 2 keys for each box door. Key each box differently and deliver keys to Owner with a record of each corresponding lock and key number.
- C. Concealed Components: Manufacturer's standard aluminum or steel sheet construction.
- D. Directory: Manufacturer's standard directory unit in size and location as indicated and of same materials and finish as box frames, unless otherwise indicated.

### **2.3 METALS AND FINISHES**

- A. Aluminum: Alloy and temper best suited for the intended use and finish indicated.
  - 1. Plate and Sheet: ASTM B 209/B 209M, mill finish, where not exposed.
  - 2. Extruded Bar and Shapes: ASTM B 221/B 221M.
  - 3. Exposed Finish: Manufacturer's standard matching following BHMA or US finish according to ANSI/BHMA A156.18. Provide US28 clear satin anodized finish, unless otherwise indicated.

## **PART 3 - EXECUTION**

### **3.1 EXAMINATION**

- A. Examine rough-in for cabinets to verify locations of connections prior to cabinet installation.
  - 1. Rough-Ins in Rated Partitions: Verify that rough-in for mailbox units maintains rating.
- B. Examine walls and partitions for thickness and framing for units to verify unit depth and mounting prior to installation. Coordinate rough-in requirements with other Sections.

- C. Do not proceed until unsatisfactory conditions have been corrected.

### 3.2 INSTALLATION

- A. Install units complying with manufacturer's instructions and final shop drawings.
  - 1. Final acceptance will be contingent upon compliance with U.S. Postal Service requirements and acceptance by USPS.
- B. Install in locations and at mounting heights indicated or, if not indicated, at heights to comply with applicable regulations of governing authorities and those having jurisdiction.
  - 1. Prepare recesses in walls for cabinets as required by type and size of unit and style of trim and to comply with manufacturer's instructions.
  - 2. Fasten mounting brackets and units to structure, square and plumb.

### 3.3 CLEANING

- A. Clean aluminum surfaces promptly after installing units. Exercise care to avoid damage to protective coatings and finishes. Remove excess sealant compounds, dirt, and other substances. Lubricate hardware and other moving parts.
- B. Protect units after installation, ensure units are without damage or deterioration at the time of Substantial Completion.

END OF SECTION 105500