SECTION 083323

OVERHEAD COILING DOORS

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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. Overhead coiling doors.

1.2 SUBMITTALS

1. Shop Drawings: Required.
2. Product Data: Required.
3. Samples: Required
4. Certificates of Quality Assurance: Required

1.3 QUALITY ASSURANCE

1. Compliance with local governing codes.
2. Compliance with ASCE-7 for wind loading requirements.

PART 2 – PRODUCTS

2.1 OVERHEAD COILING DOORS

 A. Approved manufacturers:

1. Overhead Door
2. Cornell
3. Cookson
4. Atlas

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**NOTE TO SPECIFIER**

\*\*Required: Do not change the features below without a deviation.

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1. Features:
2. Curtain: Constructed of interlocking flat slat of a minimum 18 gauge thick front steel sheet and a min. 24 gauge rear steel sheet, approximately 3 inches high.
3. Guides: Metal side guides, finish to match curtain.
4. Hood: minimum 24-gauge steel sheet, finish to match curtain.
5. Reversing Safety Edge.
6. Counter Balance Assembly: Heat treated helical torsion springs secured within Steel-pipe barrel with a maximum deflection not to exceed .03 inches per foot of width.
7. Operating Mechanism: Motor operated min. 1/2 HP, single phase, 120V. Provide disconnect to permit manual chain hoist operation in the event of power failure or motor burn-out. Provide electrical interlock to prevent motor burn-out in case lock remains engaged.
8. Automatic Operation: Wall-mounted single key activated switch or induction loop.
9. Locking: Security lockout capability.
10. Insulation: Manufacturers standard rigid cellular polystyrene or polyurethane foam type insulation, foamed-in-place to completely fill cores of door.
11. Finish: Shop primed, and field painted.

PART 3 - EXECUTION

3.1. INSTALLATION

1. Install all components in accordance with manufacturer’s instructions.
2. Upon completion of installation, provide field inspection and testing.

END OF SECTION

USPS MPF Specification Last Revised: 10/1/2022