SECTION 111200

PARKING CONTROL EQUIPMENT

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**NOTE TO SPECIFIER**

*Use this Specification Section for Mail Processing Facilities.*

***This is a Type 1 Specification with completely editable text; therefore, any portion of the text can be modified by the A/E preparing the Solicitation Package to suit the project.***

*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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1. GENERAL
	1. SUMMARY
		1. Section Includes:
			1. Parking gate arm and activator units.
			2. Devices for card controlled access.
			3. Vehicle and motorcycle detection activators.
			4. Entry operated by coded card.
			5. Exit operation by detection of vehicle or motorcycle.
		2. 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.
	2. SUBMITTALS
		1. Section 013300 - Submittal Procedures: Procedures for submittals.
			1. Product Data: Data on components, accessories, configurations, and operation.
			2. Shop Drawings: Detailed dimensions, electrical requirements, and foundation system.
			3. Assurance/Control Submittals:
				1. Certificates: Manufacturer's certificate that Products meet or exceed specified requirements.
	3. QUALITY ASSURANCE:
		1. UL and NEMA compliance.
		2. Installer: Approved by equipment manufacturer to install specified items.
		3. Conform to applicable code for emergency vehicle access.
	4. DELIVERY, STORAGE AND HANDLING
		1. Section 016000 - Product Requirements: Transport, handle, store, and protect products.
		2. Protect components and accessories on site from damage or moisture.
2. PRODUCTS
	1. MANUFACTURERS
		1. Subject to compliance with project requirements, manufacturers offering specified items which may be incorporated in the Work include the following:
			1. Magnetic Automation Corporation, Rockledge, FL (321) 6350-8585
			2. Aleph America Corporation, Reno, NV (775) 827-8000
		2. Section 016000 - Product Requirements: Product options and substitutions. Substitutions: Permitted.
	2. AUTOMATIC GATE
		1. Basis of Design: Magnetic Automation Corp., Magstop Auto Control
	3. PHOTOELECTRIC DUAL BEAM DETECTORS
		1. Basis of Design: Aleph America, HA-70D
3. EXECUTION
	1. INSTALLATION
		1. Install parking control system and components in accordance with manufacturer's instructions and placement drawings.
	2. SURGE PROTECTION
		1. Provide individual surge protection at both ends of all power and low voltage controls conductors serving the parking gate. Refer to section 281304.
	3. TESTING
		1. Test operating functions in accordance with manufacturer's printed checklist.
		2. Correct defects revealed by tests.
		3. Retest corrected areas until functions are operating correctly.
	4. ACCEPTANCE
		1. At completion of project and as condition of acceptance, parking control equipment and systems shall be operated for a period of 15 consecutive calendar days without breakdown.

END OF SECTION

USPS MPF Specification Last Revised: 10/1/2022