

SECTION 119813

MISCELLANEOUS DETENTION EQUIPMENT

PART 1 - GENERAL

1.1 GENERAL PROVISIONS

- A. Attention is directed to the CONTRACT AND GENERAL CONDITIONS and all Sections within DIVISION 01 - GENERAL REQUIREMENTS which are hereby made a part of this Section of the Specifications.

1.2 DESCRIPTION OF WORK

- A. Work Included: Provide labor, materials and equipment necessary to complete the work of this Section, including but not limited to the following:
 - 1. Cuff bars.
 - 2. Cell wood bench.
- B. Alternates: Not Applicable.
- C. Items To Be Installed Only: Not Applicable.
- D. Items To Be Furnished Only: Not Applicable.

1.3 SUBMITTALS

- A. Product Data: Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for each type of sign.
- B. Shop Drawings: Include plans, elevations, and large-scale sections of typical members and other components. Show mounting methods, grounds, mounting heights, layout, spacing, reinforcement, accessories, and installation details.
- C. Samples for Verification: For each type of unit, include the following Samples to verify color selected:
 - 1. Approved samples will not be returned for installation into Project.
- D. Maintenance Data: For signage cleaning and maintenance requirements to include in maintenance manuals.

1.4 QUALITY ASSURANCE

- A. Source Limitations: Obtain each sign type through one source from a single manufacturer.

1.5 COORDINATION

- A. For units anchored to permanent construction, advise installers of anchorage devices about specific requirements for placement of anchorage devices and similar items to be used for attaching units.

1.6 WARRANTY

- A. Guarantee products for 10 years from date of substantial completion to be free of manufacturing defects or failures due to normal use in types of facilities where tables are installed. Replace products found defective or failed under terms of approved warranty.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Subject to compliance with specifications provide units from one of the following:
 - 1. Norix; <http://www.norix.com/>.
 - 2. ISI Security; <http://www.isisecurity.com/>.
 - 3. Krytopmax; <http://www.kryptomax.com/>.
 - 4. Approved fabricators
 - 5. Approved equal.

2.2 CORRECTIONS / DETENTION STYLE CUFF BARS

- A. General: Provide units designed for corrections or detention facilities and as follows:
 - 1. Configuration: As shown, if not, single piece, multiple singles or long bar as required by application.
 - 2. Materials: As shown, if not, 3/8" stainless rod and 12 gauge stainless wall mounting plate designed for intensive use.
 - 3. Where Krytopmax units are used, provide one of the following types:
 - a. Rings GAT-WM-HCR-100
 - b. Bars GAT-WM-HCB-100

2.3 CELL WOOD BENCHES

- A. Provide solid wood bench to match existing construction and finishes. Where no match is practical, provide 1.50 inch thick clear rock maple butch block style assembly inaccessibly fastened to base. Assembly shall be sufficiently secure that 6 strong court officers, in unison, would be unable to move, lift or disturb bench after 15 minutes effort.

2.4 FASTENERS

- A. All exposed or accessible fasteners shall be TORX security type as follows:

1. Tamper-resistant center pin reject style, fasteners that may be removed only with manufacturer's specially designed extraction tool.
 - a. Acceptable Product: "Torx Plus" Security Torx five lobe fasteners with pin reject by Acument Global Technologies, Holdbrook Manufacturing Inc., Tamperproof Screw Co, Inc., or approved equal.
 - b. Provide length suitable for the application.
 - c. Unless otherwise required, provide flat head, flush to surface fasteners.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of work.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. General: Locate units where indicated, using mounting methods of types described and in compliance with manufacturer's written instructions.
 1. Install units level, plumb, and at heights indicated, with sign surfaces free from distortion and other defects in appearance.

3.3 CLEANING AND PROTECTION

- A. After installation, clean soiled surfaces according to manufacturer's written instructions. Protect units from damage until acceptance by the Project Manager.

END OF SECTION