PART 1 - GENERAL

1.1 SUMMARY

A. Products Supplied But Not Installed Under This Section:
   1. Metal toilet compartments.

B. Related Sections
   1. Section 06 1100: Blocking in wood framing for compartment installation and door bumper.
   2. Section 06 2001: Installation.
   4. Section 10 2813: Commercial Toilet Accessories.

1.2 REFERENCES

A. American Society For Testing And Materials:
   1. ASTM B 86-03, 'Standard Specifications for Zinc-Alloy Die Castings.'

1.3 SUBMITTALS

A. Product Data:
   1. Manufacturer's literature or cut sheet.
   2. Color selection.

PART 2 - PRODUCTS

2.1 MANUFACTURED UNITS

A. Toilet And Miscellaneous Partitions:
   1. Floor-mounted, overhead-braced.
   2. Panels:
      a. Core type, galvanized bonderized steel sheets (minimum 0.00015 inch 0.004 mm zinc coating), edges bound interlocked with drawn molding welded on corners.
      1) Panels, Pilasters, And Screens: 20 ga one mm minimum.
      2) Doors: 22 ga 0.08 mm minimum.
      b. Anchors: Non-corrosive.
   3. Posts And Headrails: 20 ga one mm minimum of same construction and finish as panels. One per stall.
   5. Hardware:
      a. Each Door:
         1) Gravity type hinges with double handed, nylon bottom cam, adjustable for partial door closing position, bottom hinge finished flush with door bottom.
         2) Sliding door bolt.
         3) Door strike and keeper with rubber bumper.
         4) Coat hook / door bumper.
      c. Meet requirements of ASTM B 86, Alloy AG 40A.
B. Urinal Partition: Basic construction same as panels above, floor mounted. Minimum width shall be 16 inches 400 mm.

C. Finish And Color:
1. Powder-coated paint finish.
2. Color as selected by Architect from Manufacturer's standard colors.

D. Type One Acceptable Manufacturers:
8. Equal as Approved by Architect before bidding. See Section 01 6000.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Verify that necessary blocking has been installed in framed walls for partition installation and for place where coat hook / door bumper will strike wall.

3.2 INSTALLATION

A. Install pilasters rigid, plumb, and level. Anchor pilaster to floor with 3/8 inch 10 mm minimum threaded studs in expansion shields embedded 2 inches 50 mm into concrete slab below setting bed.

B. Secure panels to walls with two stirrup brackets minimum attached near top and bottom of each panel. Use fasteners of length to provide one inch 25 mm embedment into blocking or masonry.

C. Secure overhead brace to face sheets with two fasteners minimum per face. Set door tops parallel with brace. Set door bottom 12 inches 300 mm above floor.

D. Plinth to be level with and snug to floor.

3.3 ADJUSTING

A. Lubricate hardware as recommended by Manufacturer.

B. Set hinges on out-swinging doors to return to nearly closed position.

C. Perform final adjustments to pilaster leveling devices, door hardware, and other operating parts of partition assembly just before Substantial Completion.

3.4 CLEANING

A. Remove protective masking. Clean exposed surfaces of partitions, hardware, fittings, and accessories.

B. Touch-up minor scratches and other finish imperfections using materials and methods recommended by Manufacturer. Replace damaged or severely scratched materials with new materials.