

SECTION 13046

B.I.G. Booth: Harrisburg

PART 1 – GENERAL

1.01 SUMMARY

Provide all labor, equipment and materials to furnish one prefabricated steel Security Guard Booth.

1.02 RELATED WORK SPECIFIED ELSEWHERE

- A. Electrical service supply and connection.
- B. Site/foundation work.
- C. Unloading, placement, installation and anchoring.
- D. Plumbing & piping (if required).

1.3 SUBMITTALS

- A. Upon award of order, manufacturer shall prepare and submit shop drawings for each different building required for this project. Drawings shall include elevations, section, floor plan, electric schedule, service entrance locations, and anchor clip detail.

1.4 QUALITY ASSURANCE

- A. Structures shall be the product of a manufacturer with a minimum of 20 years-documented experience in the design and fabrication of portable steel buildings.
- B. Prefabricated buildings by manufacturers other than the one approved shall submit sufficient data to enable approval to be given. As a minimum: design drawings and/or calculations, applicable certifications, catalog information, and color samples showing equal range of variety.
- C. Design loads: Live Loads: Per requirements for the installation location. Unit to be manufactured to be in full compliance with the State Regulations for Pre-Fab Modular structures if applicable to the State where the unit is being delivered.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Products of the following manufacturer from the basis for design and quality intended.
 - 1. B.I.G. Enterprises, Inc. South El Monte CA. 800-669-1449, The Harrisburg Style.
- B. Or equal as approved in accordance with Section 01600 for Substitutions.

2.2 STRUCTURE

- A. Prefabricated steel building shall be single unit welded construction. Building to be shipped completely assembled. All welds ground smooth. Base dimensions to be specified by customer.
- B. 2" x 2" x .083" cold drawn electro welded structural mechanical steel tube frames.

2.3 WALLS

- A. 16ga galvanized steel interior and exterior walls. Wall panels will have R-10 exterior continuous insulation encapsulated in the 16ga. galvanized steel wall exterior wall.

2.4 BASE AND FLOOR

- A. 12ga. Galvanized steel plate floor covered with black polyvinyl chloride commercial resilient textured 20" x 20" inter locking tiles and 4" high black base cove, floor system is welded to a 2" galvanized steel tube frame and joists.

2.5 DOOR

- A. Unit to have one commercial steel framed insulated sliding door top hung by a minimum of eight 2 1/4" rigid steel ball bearing rollers from a upper steel track with lower stainless steel guide, stainless steel pull handles welded to the frame and mortise lock.

2.6 WINDOWS

- A. 16ga. galvanized steel window frame system with flush mounted corners and welded fastening. Unit to have fixed windows on all sides with all windows glazed with 3/4" tinted tempered dual pane insulating glass.

2.7 ROOF

- A. Roof to be a pyramid style constructed of internal steel framing that is covered with 3/4" exterior grade plywood siding and roofing paper. Roof to be finished with 24ga. Galvanized steel standing seam decking with a baked on Kynar 500 finish. Roof is to have a custom crown molding soffit that is roughly 6 1/2" tall and 4" deep creating a 4" overhang. Roof to be insulated to R-19 minimum.

2.8 COUNTER

- A. Booth to have a 20" deep galvanized steel full width shelf at the front wall. Shelf mounted at 34" A.F.F and painted to match the booth color.

2.9 ELECTRICAL

- A. Load Center shall be 125 Amp 120/240 volt, single phase, 3 wire 12 pole with 40 amp main breaker. Two duplex outlets mounted under the shelf, 1' x 4' T-8 fluorescent light recessed in a 16ga. galvanized steel ceiling with single pole wall switch, through the wall mounted air conditioner with 12,000 BTU cooling and 11,200 BTU electric heat strip. HVAC to be mounted in a painted steel shroud with Architectural louver grill

WEATHER PROOFING

- A. Weather-tight for exterior use. All seams and joints pressure bonderized. All openings fully weather stripped. .

PART 3 - EXECUTION

3.1 GENERAL

- A. Install prefabricated buildings on flat and level concrete pad in accordance with the manufacturer's recommendations and placement drawings. Position units over utility stub-ups, verify building is level and anchor.

3.2 INSTALLATION

- A. Units shall be shipped fully assembled, fully wired, fully glazed and thoroughly painted.
- A. Position units over electrical stub-up on level pad. Drill and set expansion type anchor bolts.
- B. Connect power and seal around edges where the floor base meets the concrete pad.

END OF SECTION



800-669-1449