

## 5.0 ROOM REQUIREMENTS

### MSAU HQ-BEQ

Room Name: Post 1 101

#### Space Characteristics

**Function:** Identifies the occupants for check-in at the control window. Post 1 is manned 24 hours a day.

**Adjacencies:** Vestibule and the building circulation

**Special Dimensions:**

Plan Dimensions or area: 116 SF

Minimum Ceiling Height: 9'-0" minimum ceiling height.

**Acoustics:** Walls: STC 50 (adjacent to the Vestibule), STC 50 (walls between adjacent rooms and spaces), **Doors: STC 45.** Floor/Ceiling assemblies shall have an Impact Isolation Class (IIC) of 50 (IIC 45 if field tested).

**Access:** from Lobby and circulation.

**Number of Occupants: NA**

**Other/Special Requirements:** Must meet all ATFP standards. Provide a raised floor for visual monitoring of building visitors and residents. Provide steps to raised access floor as needed. Provide guard rails and hand rails as required by code.

Uniformat Section	Description	Qty	Size	Specific Requirements
B202001	Deal Tray	1		Provide a stainless steel deal/pass through tray in compliance with DOS/OBO embassy standards
C101001	Fixed Partitions			Concrete Masonry Units (CMU)
C101005	Interior Windows			Interior glazed aluminum frames. Appearance of each Post 1 training "booth" shall be designed and built to DoS/OBO embassy standards. It is not required to meet performance criteria for FEBR (Forced Entry/Ballistic Resistant) but should match appearance. Laminated Glazing required and thickness to approximate DoS required FEBR.
C101007	Interior glazing			Bullet resistant glazing to the vestibule. Tempered glass elsewhere.
C102001	Interior Doors	1	3' x 7'	Provide maximum duty hollow metal flush door (Level 4) in a factory primed finish and hollow metal frames (field painted). Pre-finished Metal Door with Glazing. Post 1 training "booth" shall be designed and built to DoS/OBO embassy standards. It is required to meet all performance criteria for FEBR (Forced Entry/Ballistic Resistant). Laminated Glazing required and thickness to approximate DoS required FEBR
C102001	Interior Door Frame			Pre-finished Metal Door frame. Appearance of each guard training "booth" shall be designed and built to DoS/OBO embassy standards. It is not required to meet performance criteria for FEBR (Forced Entry/Ballistic Resistant) but should match appearance.

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C102007	Interior Door Hardware			Provide gasketing, protection plates, stops, cores and cylinders as required, lock trim, exit device, card reader, electric latch, and door contact. See Part 6, Attachment References for additional information for DOS hardware set SHW-1B, finishes-BHMA 626.630
C103004	Identifying Devices			Wall mounted, architectural signage, include room number and name of function
C103008	Counters	As indicated	As indicated	Solid surface counter tops. 20 linear feet minimum. Inside of Booth, Coordinate with GFGL Security Equipment. Provide wire-management feature below countertop
C103009	Cabinets			Base Cabinets. As shown in Part 6, Attachment References, sheet NOB A4.02. Coordinate with wire management feature.
C103012	Firestopping Penetrations			Penetration ratings shall match wall ratings.
C301002	Acrylic Plaster Coating			High Performance (impact resistant) seamless 10 mil minimum interior acrylic coating system shall be used as an interior wall finish over CMU.
C302004	Resilient Floor Finish			Rubber Tile
C302007	Wall Base Finish		4" High	Rubber
C302011	Access Floor		24" x 24" x 6" High	Provide flooring with one step at door. Include all edging, steps, fascia, & accessories
C303001	Acoustical Tile and Grid		24" x 24"	Suspended Acoustical Ceiling Panels with a reveal edge and standard prefinished grid system.
C303002	Gypsum Board Ceiling Finish			Provide gypsum board soffit (painted) over countertop areas.
C304001	Interior Coatings and Finishes			High Performance Latex Paint
D304001	Air Distribution, Heating and Cooling			Provide ventilation complying with latest ASHRAE 62.1 requirements. Provide continuous ventilation equal to exhaust, ventilation air is to be fully conditioned and at neutral conditions of 70 degrees F and maximum 50% RH.
D304007	Exhaust Systems			Provide continuous exhaust
D305003	Fan Coil Units			Provide horizontal 4-pipe fan coil unit with secondary drain pan
D306001	HVAC Controls			Provide DDC capable digital wall mounted thermostat. Thermostat will provide fan coil units with BACNET connectivity.

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Uniformat Section	Description	Qty	Size	Specific Requirements
D4010	Fire Alarm and Detection Systems			Provide audible notification appliance coverage in accordance with UFC 3-600-01 and UFC 4-021-01.
D4040	Sprinkler Systems			Provide wet-pipe sprinkler coverage in accordance with UFC 3-600-01.
D502001	Branch Circuit Wiring			<p>Provide floor boxes flush in raised access floor to serve control console, equipment, and convenience receptacles. Floor boxes shall be provided parallel to the wall; one for each seating position, coordinated with final furniture and counter layout, minimum Qty(4) in the room.</p> <p>Each floor box shall contain one quadplex 120VAC, 20A receptacle and two combination NMCI data/voice outlets in each box. Place a maximum of two floor boxes on a single circuit.</p> <p>Provide general purpose duplex receptacle every 10 ft of linear wall space and every 4 ft above desktop/counter. Provide quad receptacle on dedicated circuit for each computer under the counter.</p> <p>Provide electrical connections, raceways, and rough-in as necessary for D5030 equipment.</p>
D502002	Lighting Equipment			<p>Target Illuminance: 50 fc                      Fixture Type: recessed direct/indirect volumetric LED                      Controls: Dimming + Vacancy sensor</p>
D503001	Telecommunications Systems			<p>Refer to D502001 for telecommunications floor box requirements.</p> <p>2 - OpenNet outlets                      2- Combination voice and MNCI data outlets.</p> <p>Provide cable tray within raised floor space as telecommunications pathway.</p> <p>Provide spare 2" conduit from nearest telecom room and terminate within raised floor space.</p>
D503005	Security Systems			<p>Door remote switch to open door on exterior of building.                      Provide 42U equipment rack                      Two 4" EMT conduit to DOS telecom room                      6"X6" raceway                      Card reader, door contact and Request to Exit devices.</p> <p>See Post 1 equipment layout in the appendix included in this RFP.</p>
E2020	Movable Furnishings			<p>1 – Task Chair                      1 – Waste Receptacle                      1 – Two Drawer Safe, 1 combination lock                      1 – Wall Mounted Weapons Rack                      1 – Anti-fatigue Rubber Mat</p>