

## **PART 1 — GENERAL**

### **1.1 Scope of Work**

- A.** Furnish a prefabricated, modular press box equal to that as provided by Dant Clayton Corporation, Louisville Kentucky.

### **1.2 Related Work/Related Section**

- A.** Grandstand / Section 13125

### **1.3 Submittals**

- A.** Bidders with any deviation from the specifications must comply with the following requirements seven (7) days prior to the bid opening.
  1. Plan view and wall section showing complete detail of layout, connection and trim detail.
  2. Schedule of Work Experience, including names of contacts and phone numbers; 10 jobs minimum within the last five (5) years.
  3. List of three (3) similar jobs within the past two (2) years — should owners (3 persons maximum) request a site visitation to these jobs, it will be at the bidder's expense.
  4. Resume including Corporate Officers, Sales Representatives, Technical Advisor, Project Manager, and Job Site Superintendent.
  5. Project schedule, including phasing with other trades and designation for all tasks, milestone dates for drawing submittal, fabrication time, key material delivery dates and designated dates of installation.
  6. Shop drawings stamped and signed by a Professional Engineer licensed in the state of installation.

### **1.4 Design Criteria**

- A.** All material and workmanship shall be in accordance with the applicable state building code/IBC current edition and NFPA.
- B.** All electric components shall be UL listed.
- C.** Design Loads:

1. Live Load	100 psf	Floor
	50 psf	Roof (with filming platform)
Wind	20 psf	On vertical surfaces
- D.** Design Classification
  1. Use Group: B, Construction Type: V-B

## 1.5 Quality Assurance

- A. Manufacturer: Company specializing in modular building construction with experience in manufacturing press boxes.
- B. Engineer qualifications: The press box shall be approved by a registered professional engineer in the state the Press Box will exist in in.
- C. Warranty: Press box shall be guaranteed for one (1) year against defective material or workmanship. Damage resulting from abnormal use or vandalism is not applicable.
- D. Delegated Engineering Professional Qualifications: Professional engineer legally authorized to practice in jurisdiction where Project is located and experienced in providing engineering services of kind indicated that have resulted in installations similar to this Project, and that has a record of successful in-service performance.
  - 1. Preparation of structural analysis data including engineering calculations, shop drawings, and other submittals signed and sealed by the qualified professional engineer responsible for their preparation.
  - 2. Comprehensive engineering analysis indicating governing unit types, connections, unit thicknesses and including any special details or conditions.
  - 3. Location, type, magnitude, and direction of loads imposed on the building structural frame from units.

## PART 2 — PRODUCTS

### 2.1 Floor Construction

- A. Bottom Board: 1/2" CCX foundation grade treated plywood. Industrial grade asphalt-based pint. Continuous aluminum vents on 8' centers.
- B. Insulation: 6" R-19 fiberglass batts, with vapor barrier.
- C. Joists: 2" x 6" #2 SYP, on 16" centers, longitudinal framing.
- D. Decking: 3/4" Sturdifloor, underlayment grade, tongue and groove fir plywood, (Index24 in O.C.)
- E. Covering: 1/8" Armstrong Excelon vinyl composition tile.
- F. Molding: 4" Thermoplastic rubber base molding by Roppe.

### 2.2 Wall Construction

- A. Studs: 2" x 4", #2 or better SPF, on 16" centers, BOCA framing.
- B. Bottom Plate: 2" x 4" #2 or better SPF.
- C. Top Plates: (2) 2" x 4" #2 or better SPF.
- D. Headers: As span and design load requires
- E. Ceiling Height: 8'-2" x 8'-0", front to back.
- F. Covering: 5/8" vinyl-faced gypsum panels, Class A, F.S.R.
- G. Insulation: 3-1/2" R-13 fiberglass batts with vapor barrier.
- H. Sheathing: 1/2" CDX plywood.
- I. Siding: 0.50 Mastic 8" vertical board and batten premium vinyl exterior siding color by owner

### 2.3 Roof Construction

- A. Joists: 2" x 8", #2 SYP, 16" O.C. spacing
- B. Overhang: 15-1/2" over front wall; 6" over rear wall. .019 metal fascia with perforated vinyl soffit panels.
- C. Ceiling: 5/8" type-x fire-rated gypsum board, taped and bedded with spray textured finish, Class A F.S.R.
- D. Insulation: 6" R-19 fiberglass batts with vapor barrier.
- E. Decking: 3/4" tongue & groove oriented strand board (Index 24" O.C.).
- F. Covering: .060 single-ply EPDM rubber membrane, fully adhered.

## 2.4 Windows

- A. Soft-Lite "Barrington DSL7 HS", Double horizontal slider windows w/ extruded vinyl frames, AAMA Structural Rating, w/  $\frac{3}{4}$ " insulated Low-E, Argon filled tempered glass w/ removable insect screens.
- B. Interior Windows to be  $\frac{1}{4}$ " tempered safety glass fixed pan with stained jambs and casing.

## 2.5 Doors

- A. 36" x 80" Insulated vinyl-faced steel clad with wood jambs; 16" insulated/tempered lite, aluminum threshold, vinyl weather stops, stainless steel hinges and heavy-duty retention chains. Doors equipped with commercial lever-handled keyed locksets.
- B. Doors (Interior) — 1- $\frac{3}{8}$ " Solid-core stained birch with stained birch wood jambs and casing and passage lever handled hardware.

## 2.6 Electrical

- A. Service Entrance Panel: Square D Q0124M100 with Main Disconnect; rated at 120/240v, single phase, 100 amp capacity.
- B. Receptacles: Pass & Seymour 125 volt/15 amp duplex, spec-grade, along the rear wall. Wiremold 5400 Series two-piece multi-channel, dual voltage, non-metallic surface raceway along front wall below scorer's counter, outlets on 48" centers.
- C. Lighting: Lithonia M232PC1S 4-ft. 2-tube fluorescent strips with low-glare parabolic diffusers.
- D. Circuits: All branch circuit wiring is minimum #12 THHN encased in EMT thin wall conduit or MC Cable.

## 2.7 Scorers' Counter

- A. 20" deep x 1  $\frac{1}{2}$ " Clear Anodized finish aluminum countertop with rounded front nose. Mounted on brackets spaced a minimum of 32".

## 2.8 Camera Decks (Option)

- A. Hatch: Bilco Model #NB-50 2'6" x 4'6" aluminum roof hatch.
- B. Ladder (Aluminum): Alaco #370 70 degree ships ladder.
- C. Upgraded Roof Surface: .060 polyester reinforced skid and spike resistant PVC membrane, fully adhered.

- D. Railing Mounts: 1/2" galvanized threaded bolts & nuts through roof fascia on 48" centers along perimeter edge of roof. Railing mounts cannot be placed on the roof surface.

## **2.9 Camera Deck Canopy (Option)**

- A. Steel Support Posts: Tube Steel Posts to match finish of understructure
- B. Roof Framing: Steel Channels supporting hat channels
- C. Roof Decking: 26 GA 1-1/4" Type R Metal Roof (White)
- D. Roof Perimeter: L4x4x1/4" Steel angle with Metal roof trim and optional gutter at rear.

## **PART 3 — PRODUCTS**

### **3.1 Installation**

- A. Installation: Shall be handled directly by the manufacturer or by a factory certified installation subcontractor.
- B. Erect per plans, shop drawings, and specifications.

### **3.2 Cleaning**

- A. Clean all surfaces according to manufacturer's recommendations
- B. Remove all packaging and construction debris

### **3.3 Owner Responsibility**

- A. Site access
- B. Final electrical hook-up