

SECTION 12 61 00 - FIXED AUDIENCE SEATING

PART I - GENERAL

1.1 WORK INCLUDES

A. Base Bid:

1. Work by Others:

- a. *[Note to PSC: Insert project specific information here- either General Contractor or Owner]* will remove existing seating, grind flush all existing anchors, and patch and finish the existing floor prior to the Seating Contractor's installation of new seating.
- b. Aisle lighting fixtures will be connected in aisle end panels by the Electrical Contractor.

1.2 SUBMITTALS

A. Shop Drawings: Indicate:

1. Seat sizes and arrangements
2. Row spacing and aisle width
3. Seat numbering
4. Method of attachment

B. Product Data:

1. Manufacturer's installation instructions
2. Manufacturer's descriptive literature
3. Instructions for operation & maintenance

C. Samples

1. (3) 3"x 3" color & texture of fabric
2. (3) 3"x 3" plastic laminate color finish
3. (3) 3"x 3" seat back & frame color

1.3 DELIVERY, STORAGE AND HANDLING

- A. Seats shall be received and stored in their original, undamaged carton.

1.4 QUALITY ASSURANCE

- A. Installation shall be factory trained, certified and authorized installer.

1.5 EXTRA STOCK

A. Provide additional components as follows:

1. 2 backs for each size shown on the drawings. If only one size shown provide three (3) backs.
2. 2 seats for each size shown on the drawings. If only one size shown, provide three (3) seats.
3. 6 armrests

4. 6 tablet arms
5. 1 Right standard
6. 1 Left standard

B. Turn over additional materials to the Owner representative. And provide to the PSC written receipt of such materials from the Owner representative.

PART 2 - PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS

- A. IRW - Irwin Seating Company
- B. KI – Krueger International
- C. SE - Sedia Systems

2.2 MATERIALS

A. Chairs

1. An outer protective back shell of injection molded polypropylene and an outer metal protective seat shell shall be provided. The seat cushion shall be self rising and either gravity or spring actuated and shall not require maintenance or lubrication of any kind.
2. Sizes: All chair widths and view lines indicated on the Drawings shall be accomplished using fixed spacings of 19", 20", 21", and 22" on center. Minimum width of 20" fixed spacing for the majority of the seats is desired by Owner. Chairs of differing widths may be utilized to fill rows of varying length upon approval of the PSC. Chairs in designated area shall have a fixed spacing of 20" on center as indicated on the drawings.

B. Armrests

1. Solid wood with laminate surface as selected by PSC. *[Note to PSC: Edit specific laminate finish as necessary per project requirements].*
2. Secure to standards with minimum of two screws.

C. Backs

1. Upholstered inner panel
2. Injection molded plastic back with polyethylene plastic. Fabric-covered backs are not allowed.
3. Padding shall be 2" polyurethane.
4. Back shall be not less than 26 1/2" long.
5. Inner Panel

- a. Compound curved reinforced steel or 7/16" thick, contoured round hardwood plywood

D. Seats

1. Pan, Injection molded polypropylene.
2. Padding shall be polyurethane minimum 3"
3. Seat Pivot: Gravity pivot, or spring pivot with not less than 5 serpentine springs.
4. Upholstered inner panel without welts, attached to seat without nails, tacks or screws.
5. Up & down stops on the seat shall be cushioned with neoprene rubber to reduce noise.
6. Self Rising

E. Material Flammability

1. Padding shall be self extinguishing.
2. Polyethylene shall meet the federal Motor Vehicle Safety Standard No. 302 which specifies a burning rate of less than 4" per minute.
3. Fabric shall be coated with fire resistance materials to meet the CAL 133 requirements for flamespread when installed in buildings without an automatic sprinkler system. Fabric shall meet the CAL 117 requirements for flammability resistance when installed in buildings withan automatic sprinkler system.

PART 3 - EXECUTION

3.1

END OF SECTION 12 61 00

This section of the *U of I Facilities Standards* establishes minimum requirements only.
It should not be used as a complete specification.