BID PACKAGE FOR

MEZZANINE BLEACHER INSTALLATION AT INDIAN LAKE HIGH SCHOOL

Located at:
6210 SR 235 N.
Lewistown, OH 43333

for the

INDIAN LAKE LOCAL SCHOOL DISTRICT BOARD OF EDUCATION

6210 SR 235 N
Lewistown, OH 43333

Owner Representative: Patrick O'Donnell, Superintendent
Project Contact: Jeff Courter, Athletic & Activities Director

January 2016

LEGAL NOTICE

Sealed bids will be received by the Indian Lake Treasurer, Indian Lake Local Schools, 6210 S. R. 235 N., Lewistown, OH 43333, until 12 noon, local time, on Wednesday, February 3, 2016, in the Indian Lake Board of Education Office for the installation of Telescopic Bleacher Seating for the Indian Lake High School Gymnasium Mezzanine. Bids will be opened and read immediately afterwards. No pre-bid meeting is scheduled; Contact Jeff Courter, Indian Lake Schools Athletic Director at 937-686-8601 or courterj@ils-k12.org to request a copy of the bid package electronically, ask questions about the project or schedule a site visit.
This notice is posted at http://www.ils-k12.org under the Board of Education section.
All bids must be accompanied by a Bid Guaranty in the form described in the Instructions to Bidders. No Bidder may withdraw its bid within 60 days after the bid opening. The Board reserves the right to waive irregularities in bids, to reject any or all bids and to conduct such investigation as necessary to determine bidder responsibility.

Please run this advertisement on January 8, 2016 and again on January 15, 2016.

Scope of Work

Gymnasium Mezzanine Bleacher Installation

Indian Lake High School Gymnasium Bleacher Installation on Mezzanine

Description of Work:

- Install (1) bank of 8 rows x 76 feet length reverse-fold power operated bleachers

Features

- 11-5/8" row rise, 24" row run
- 208v 3 phase friction electric power motors with (2) 6"x 12" rollers each
- Intermediate aisles with center handrails
- Self-storing end rails
- Back rails and panels
- 10" x 18" plastic seat modules (Color School's Choice)
- Vinyl end panels on exposed ends of bleachers
- 4' x 8' video platform (Located at center of playing court)
- Furnish (2) handheld pendant controls

Basis of design is the Sheridan Seating Model M200 Telescopic Seating

Telescopic Bleacher Specifications

Part 1 General

1.1 Description

A. Scope

Telescopic seating systems comprised of multi-tiered rows of seats, deck components and risers on interconnected, retractable, supporting structure. Telescopic seating operation shall be by means of manual of electric operation. Telescopic seating system shall be wall attached (typically), recessed, telescoping or portable. System shall be floor attached where reverse folding.

B. Manufacturer's Design Criteria

1. Gymnasium seat assembly is designed to support, in addition to its own weight, a live load in excess of 120 lbs. per linear foot of 100 lbs. per square foot (whichever affect is greater), front to rear sway in excess of 10 lbs. per linear foot and a parallel sway load in excess of 24 lbs. per linear foot of row.
2. Guard railings are engineered to withstand a load of 200 lbs. per foot at top rail and an intermediate load of 150 lbs. per foot.
3. Steel structures must be free standing when installed and include 4 steel columns per row, per section. Those manufacturers, which only include 2 columns per row, per section, are not acceptable.
4. Steel columns must be fabricated from structural high tensile steel tubing; minimum size of tubing will be 1 ½" x 3' x 10 ga. Those manufacturers providing formed steel or angle iron columns in place of structural tubing are not acceptable. Maximum spacing between columns shall be 11'-6''.
5. Two row locks per row, per bleacher section manufactured from ¼ " hot rolled steel to prevent racking of bleachers as they are retracting are required.
6. Footboards shall be produced from ¾" plywood with top facing. Voids or boat patching on top facing is not acceptable. Top facing shall receive 3 coats of colored, opaque, catalyzed epoxy coating. Aluminum trim shall be installed on all exposed edges. Extruded aluminum joiners shall be placed between adjacent footboards.
7. Optional Upgrade - Panelam decking on ¾" plywood.
8. Optional Upgrade – Bronzed aluminum decking.
9. Wood seat boards shall be full 4/4" finished size, kiln dried, select pine with rounded edges. Seat boards shall be sealed on all surfaces and three coats of polyurethane on top and sides.
10. Molded seats shall be 18" wide of high-density polyethylene structural foam with full perimeter interlock and concealed mounting hardware. End caps shall be provided at all ends, aisle ways and ADA locations. Colors are bright without excessive streaking. "Waterfall" coloring will not be acceptable. Indents for numbers and letter shall be standard.

11. No less than 4" diameter x 1 ¼" soft faced, non-marking rubber wheels to support understructure system shall be provided with sintered metal bearings and clips for easy replacement.
12. Nose beam shall be formed from 14 ga. minimum galvanized steel. Steel shall have G90 galvanized coating or better. These will encapsulate ¾" plywood decks.
13. Rear riser shall be formed from 14 ga. minimum galvanized steel. Steel shall have G90 galvanized coating or better.
14. Handicap seating provisions: Provide recoverable first tier cutouts as required by ADA. Include manufacturer's standard front guardrail and closure panel below. Shop drawings will reflect locations.

1.2 Quality Assurance

A. Acceptable Manufacturer
   1. The manufacturer shall be a firm experienced in the manufacturing of telescopic bleacher seating systems.
   2. The telescopic seating system specified herein shall comply with the International Code 2000 Edition, Standard for Assembly Seating, Tents and Membrane Structures; and specifically with Chapter 5, Folding and Telescopic Seating, except where additional requirements are indicated or imposed by authorities having such jurisdiction.
   3. The telescopic seating system manufacturer shall employ a registered, professional engineer to certify that equipment to be supplied meets and/or exceeds the design criteria of these specifications.
   4. The telescopic seating system manufacturer shall have all welding done a CWB/AWB certified shop.
   5. It will be the responsibility of the bidder to furnish with his bid a list clarifying any deviation from these specifications, written or implied.

B. Acceptable Installer
   1. Installers should be recognized, trained and certified by the telescoping bleacher seating manufacturers.

1.3 Submittals

A. Submit six copies of each of the following:
   1. Manufacturer's shop drawings
   2. Manufacturer's standard 1 year warranty and limited 20 year warranty
   3. Manufacturer's Operation and Maintenance instructions.

B. Submit seating and deck samples, a required.

Part 2 Product

2.1 Manufacturers

A. The basis of design for the gymnasium seating shown on the plans and detailed in these specifications is by Sheridan Seating Inc. Other manufacturers desiring to bid shall submit detailed product literature and specifications a minimum of ten (10) days prior to bid.

1. Model: W100 Wood Seats or M200 Molded Seats
2. Aisle Type: Foot level Aisles with center aisle railings with curved top rail terminations.
3. End rails: Typically self-storing ready rails.
4. Operation: Integrally powered friction electric operation or manual operation.
5. Product Requirements:

(a) System to be wall attached. System shall be floor attached where reverse folding.
(b) Bank length as required by specifications.
(c) Total number of rows as required by specifications.
(d) Row rise: 10", 11 5/8", or as required by specifications.
(e) Row spacing: 22", 24", 26" or as required by specifications.

6. Accessories:

(a) Handicap seating provisions: Provide first tier handicap cutouts to comply with American Disabilities Act (ADA). All handicap cutouts shall have required railings. Double center cutouts will be recoverable.
(b) Scorers table 15" x 96". Table shall be self-supporting and portable to be used anywhere within the bleacher system or on the gymnasium floor.
(c) Self-storing End Rails: All railings to receive power coating finish (black).
(d) P Rails: Every other deck shall have an intermediate pedestal mounted railing. These railings shall have a round handrail and shall be self-storing without the need of dismantling. Railings to receive powder-coated finish (black).
(e) Obstructions: Note any obstructions (columns, drainage pipes, overhead ducts, etc.) on final shop drawings.

2.2 Fabrication

A. Understructure System

1. Structural high-tensile steel columns fabricated from minimum size 1 ½" x 3" x 10 gauge structural tubing.
2. Bracing: 1 ½" square, structural tubing
3. Row Locks: Provide two per each row, per bleacher section made of ¼" steel plate, hot rolled steel.
4. Wheels shall be 4" diameter x 1 ¼" width.
5. Maximum spacing between columns shall be 11'-6".

6. Provide manufacturers black, semi-gloss, machinery enamel.

B. Deck System

1. Footboards shall be ¾" plywood with top facing. All surfaces shall be thoroughly sealed. Top facing shall receive three coats of colored, opaque, catalyzed epoxy coating. Aluminum trim shall be installed on exposed edges. Adjacent footboards shall be joined by means of extruded aluminum joiner beam sized for ¾" footboards.
2. Optional Upgrade – Panelam decking on ¾" plywood.
3. Optional Upgrade – Bronzed aluminum decking.
4. Provide thru-bolt fastening through galvanized steel riser beams at locations of splices in rear riser. Front deck connection shall be provided using front steel nose beams.

C. Decking and Riser Supports

1. Decking and riser supports shall form rigid closed deck structure. Tapered deck stiffeners shall be bolted through the front and back.

D. Seat System

1. Molded Structural Foam: Provide one-piece, high-density structural polyethylene foam. Scuff resistant, textured solid color with anatomically correct tops. Color(s) for the seat modules shall be determined by the Architect by providing color charts. Contrasting color effects can be created with custom colors.
2. Wood: Provide full 4/4' kiln dried, select southern yellow pine with rounded edges. Provide sanding seal and three coats of clear polyurethane finish on top and sides.

E. Electrical System

Tractor Drive System: A series of electric drives are located under the first row in sufficient quantities necessary to move the system in and out effortlessly. Each tractor drive consists of two 12" wide x 6" diameter cylinder wheels covered with s specially formulated white 60 durometer soft-faced rubber grooved for positive grip and low wear while reducing stress on the floor.

The tractor is operated by a minimum ¼" HP gear reduction motor built into a height adjustable steel framework and containing additional weight plates for added traction where necessary. These drives operate from one central box and a single plug-in., hand-held, low voltage remote pendant controller which has, in addition to an in-and-out button, a left and a right jog button used to always allow for straight and true steering (steering provided where required). The standard system operates with 3 phase, 208 volt, 60 Hz power. Optional power source can be supplies as required.

Part 3 Execution

3.1 General

A. Manufacturer's representative or bleacher system installer shall demonstrate the proper method of operation of the bleacher system to the Owner and Architect upon completion of the work.

B. Telescoping Seating Subcontractor shall verify that all areas are free of impediments interfering with the installation and that substrates are acceptable to receive seating in accordance with the manufacturer's recommendations.

C. Electrical wiring within the building as required for power operation of the bleachers shall be provided by others.

3.2 Installation

A. Seating shall be installed in accordance with the manufacturer's instructions and final shop drawings. Telescopic Seating Subcontractor will install all accessories, anchors, inserts and other items for installation of seating and for permanent attachment to adjoining construction.

B. Adjustment and Cleaning: Upon completion of installation, Telescopic Seating Subcontractor shall adjust each seating assembly to operate incompliance with manufacturer's recommendations. Telescopic Seating Subcontractor shall clean installed seating on exposed or semi-exposed surfaces and touching up all exposed finishes.

C. The manufacturer reserves the right to incorporate design changes and material substitutions as it sees fit to improve the overall product.