

TELESCOPING GYM SEATING REPLACEMENT

BACKSTOP RELOCATION

BLACK OAK ELEMENTARY SCHOOL

**365 N. Shawtown Road
Hornbeak, Tennessee**

The Obion County Board of Education is now accepting bids for all work necessary to install new telescoping gym seating and all work necessary to relocate existing playing backstops and practice backstops at Black Oak Elementary School. Complete specifications are as follows.

DEFINITIONS

1. A bid is a complete and properly signed proposal to do the work or designed portion thereof for the sum stipulated therein supported by data called for by the bidding documents.
2. Base bid is the sum stated in the bid for which the bidder offers to perform the work described as the base, to which work may be added or deducted for the sums stated in the alternate bids.
3. An alternate bid is an amount stated in the bid to be added to or deducted from the amount of the base bid if the corresponding change in project scope, materials, or methods of construction described in the bidding documents is accepted.
4. A price is an amount stated in the bid as a price per unit of measurements for materials or services as described in the contract documents.

PROTECTION OF PERSONS AND PROPERTY

The successful contractor shall be responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the work. The contractor shall take all reasonable precautions for the safety of, and shall provide all reasonable protection to prevent damage, injury, or loss to:

1. All employees on the work
2. All the work, all materials, and equipment to be incorporated therein.
3. All other employees, students, and guest at the job site.
4. Other property at the site or adjacent thereto.

INSURANCE

The successful bidder shall purchase and maintain insurance for the protection from claims which may arise out of or the result from the contractors operation as part of this project, whether such operations be by the contractor or by any subcontractor or by anyone directly or indirectly employed by any of them, or by anyone for whose acts any of them may be liable.

1. Claims under workers or workmen's compensation, disability benefit or other similar employee benefit act.
2. Claims for damages because of bodily injury, occupational sickness or disease, or death of the contractors employees
3. Claims for damages because of bodily injury, sickness or disease or death of any person other than the contractors employees
4. Claims for damages insured by usual personal injury liability coverage which are sustained by any person as a result of a offence directly or indirectly related to the employment of such persons by the contractor or by any other person
5. Claims for damages because of injury to or destruction of tangible property, including loss of use resulting therefrom.
6. Claims for damages because of bodily injury or death of any person or property damage arising out of the ownership, maintenance or use of any motor vehicle.

The insurance required above shall be written for not less than any limits of liability required by law.

Certificates of insurance shall be submitted to the owner prior to commencement of the work. These Certificates shall contain a provision that coverages afforded under the policies will not be canceled until at least thirty days prior written notice has been given to the owner.

BIDDER REPRESENTATION

Each bidder by submitting their bid represents that:

1. They have read and understand the project documents and their bid is based in accordance thereof.
2. A representative of the bidder has visited the site and familiarized themselves with the local conditions under which the work is to be performed.
3. Their bid is based upon the materials, systems and equipment described in the project documents without exception.

PROCEDURES

1. Bids are to be submitted in **duplicate**.
2. Bidder may list any voluntary alternatives on a separate bid form.
3. All copies of the bid shall be enclosed in a sealed envelope. The envelope shall be addressed to the owner, and identified with the words “**BID ENCLOSED TELESCOPING GYM SEATING and BACKSTOP RELOCATION BLACK OAK ELEMENTARY SCHOOL**” plainly written on the face thereof.
4. Bids are to be filled in by typewriter or manually in ink.
5. Bids are to be submitted to:
OBION COUNTY BOARD of EDUCATION
316 SOUTH THIRD STREET
UNION CITY, TENN. 38261
6. Bids are to be received by **May 23, 2012 at 11am**.
7. Bids will be opened immediately thereafter, at the above location.
8. The owner retains the right to reject any or all bids, especially those that appear irregular or inconsistent in content.
9. It is the intent of the owner to award this project to the lowest reasonable bidder, provided the bid has been submitted in accordance with the requirements of this document, is judged to be reasonable, and does not exceed the funds available for this project.

GENERAL CONDITIONS

OWNER: The owner is the person or entity identified as such in the owner-contractor agreement and is referred to throughout as if singular in number and masculine in gender. The term owner means the owner or his authorized representative.

The owner shall furnish information or services under the owners control with reasonable promptness to avoid delay in the orderly progress of the work.

If the contractor fails to correct defective work or persistently fails to carry out the work in accordance with the contract documents, the owner, by written order signed personally or by an agent of owner, may order the contractor to stop work, or any portion thereof, until cause of such order has been eliminated.

If the contractor defaults, or neglects to carry out the work in accordance with the contract documents and fails within seven days after receipt of written notice from the owner to commence and continue such corrections, the owner may make good such differences. In such case an appropriate change order shall be issued deducting from payments then and thereafter due the contractor the cost of correcting such deficiencies.

The contractor is the person or entity identified as such in the owner-contractor agreement and is referred to throughout the contract documents as if singular in number and masculine in gender. The term contractor means the contractor or his authorized representative.

Unless otherwise provided in the contract documents, the contractor shall provide and pay for all labor, materials, equipment, tools, construction equipment and machinery, transportation, and other facilities and services necessary for the proper execution and completion of work.

The contractor shall at all times enforce strict discipline and good order among his employees, in particular while children are present.

The contractor warrants to the owner that all materials and equipment furnished under this contract will be new unless otherwise specified, and that all work will be of good quality. The warranty period shall be for one year from the acceptance of the completed work. All extended warranties offered by the manufacturer shall be effective until such limits expressed by the manufacturer have expired.

The contractor shall pay all sales, consumer, use, and other similar taxes for the work or portions thereof.

The contractor, upon being awarded the contract, shall submit for the owner's information an estimated progress schedule for the work.

The contractor, upon acceptance of his proposal, will honor this project completion date of ____ - ____ - _____. If the contractor is unable to comply with this completion date, without proper documented

justification to the owner's satisfaction, he will forfeit payments not to exceed 1% (one percent) of the total proposal per day.

The contractor shall be responsible for all cutting, fitting, or patching that may be required to complete the work or to make its several parts fit together properly.

CLEANUP

Refuse and debris accumulating from work required as part of this project be regularly removed from the job site by the contractor and before final acceptance of this project by the owner.

If the contractor fails to clean up at the completion of the work, the owner may do so and the cost thereof deducted from payment to the contractor.

CHANGES IN WORK

1. A change order is a written order from the contractor, signed by the owner authorizing a change in the work or an adjustment in the contract sum. The contract sum may be changed only by a change order. A change order signed by the contractor and the owner indicates their agreement therewith, including the adjustment in the contract price.
2. The owner, without invalidating the contract, may order changes in the work within the general scope of the contract consisting of additions, deletions, or other revisions, the contract sum being adjusted accordingly. All such changes shall be authorized by a change order, and shall be performed under the applicable conditions of the contract documents.
3. The owner will have the authority to order minor changes in the work not involving an adjustment in the contract sum. Such changes shall be effected by written order and shall be binding to the owner and contractor

LICENSE

Bidders are required to be licensed as required by law of the **State of Tennessee**, where the project is located.

UTILITIES

The successful bidder shall be responsible for the location of all underground utilities. Any utilities that have to be re-located or repaired as a result of this contract will be the responsibility of the contractor. The Board of Education shall be held harmless of liability in case of any damages.

GENERAL

The owner shall supply necessary water and electricity for installation. The owner shall permit the use of toilet and wash-up facilities. **The Owner shall be responsible for the removal and disposal of existing bleachers. Ten day notice required.**

QUALITY STANDARDS OF INSTALLATION

Upon completion of project, representatives of the Owner, Contractor, and Manufacturer prior to acceptance by the owner shall inspect the installation

The use of "Brand names, Trademarks, and Professional Services" is to establish a minimum standard of quality.

PAYMENT OF CONTRACT (GYM SEATING)

Upon delivery of materials to the job site and commencement of work, provided the manner of completion and work is satisfactory to the owner and materials meet specifications, the owner will make a progress payment to the successful bidder totaling fifty percent (50%) of the contract sum. A payment totaling forty percent (40%) of the contract sum will be made to the successful bidder upon substantial completion of work, being verified by a walk-thru conducted by the owner and the contractor. The remaining ten percent (10%) of the contract sum will be paid when the owner receives all closing documents, manuals, and warranty extensions.

PAYMENT OF CONTRACT (BACKSTOP RELOCATION)

The owner upon final acceptance of this scope by the owner will pay a payment of 100% of the contract amount to the contractor

No partial payments for labor or material will be made on this scope.

QUALIFICATIONS:

“Contractor shall comply with Public Chapter 587 of 2007, as codified in Tennessee Code Annotated Section 49-5-413, which requires all contractors to facilitate a criminal history records check conducted by the Tennessee Bureau of Investigation and the Federal Bureau of Investigation for each employee prior to permitting the employee to have contact with students or enter school grounds when students are present.”

EQUIPMENT TO BID (Gym Seating)

It is the intent of the Board of Education to purchase and have installed a new gym seating assembly at Black Oak Elementary School.

Bleachers must have the following characteristics.

1. **Bleacher overall length including end rails shall be:**

(north)	80’ (eighty feet)	
(south)	a. 14’ (fourteen feet)	
	b. 28’ (twenty eight feet)	
	c. 14’ (fourteen feet)	

2. **Each bank is to consist of 5 (five) rows.**
3. **All bleachers are to have WOOD seating.**
4. **Each assembly is to include end rails on both ends**
5. **Aisle and handrail spacing to comply with current code.**
6. **Row spacing is to be 24” (twenty-four inches)**
7. **Each row rise is to be 10” (ten inches)**
8. **Successful bidder is responsible for compliance with all applicable safety and ADA code requirements.**
9. **An appropriate “mule” is to be included in cost of gym seating**

BACKSTOP RELOCATION

It is the intent of the owner to have the existing game backstops relocated to center of the gym. Bid should include all materials, labor, hardware and equipment required for this process. Existing standards must be considered as minimum standards. The Board of Education will be responsible for acoustical tile repair and alterations.

It is the intent of the owner to have the existing practice goals relocated to center of court and recessed away from the playing court. Bid is to include all materials, labor, hardware and equipment required for this process. Existing standards must be considered as minimum standards. Relocating operations wench will be required for both goals.

LOCAL CONDITIONS

It is required that any bidder submitting a bid for this project shall make an appointment, and observe all local conditions for consideration of their bid.

ANY QUESTIONS OR CLARIFICATIONS REGARDING THIS PROJECT MAY BE ADDRESSED TO, OR TO SCHEDULE AN OBSERVATION OF LOCAL CONDITIONS, PLEASE CONTACT:

PHIL GRAHAM
MAINTENANCE SUPERVISOR
(731) 536-4226

1.1 Description

A. Scope

1. Telescopic seating systems comprised of multi-tiered rows of seats, deck components and risers on interconnected, retractable, supporting structure. Telescopic seating operation shall be manual with a portable power tractor. Telescopic seating system shall be wall attached (typically).

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 or 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 structure 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
7. Optional Upgrade – Panelam laminate on ¾" plywood.
8. Optional Upgrade – Bronzed Aluminum decking
9. Aluminum trim shall be installed on all exposed edges. Extruded aluminum joiners shall be placed between adjacent footboards.
10. Wood seat boards shall be full 5/4" 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.
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 telescoping 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 in 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 to be recognized, trained and certified by the telescoping bleacher seating manufacturer.

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, as required.

1.4 Warranty

A. Submit manufacturers standard warranty form for Telescopic seating systems.

1. The manufacturer shall guarantee all work performed under these specifications to be free from defects for a period of one (1) full year.
2. Replacement structural steel components, nuts, bolts, axles, and wheels as necessary to maintain the integrity of the original installation, will be provided at no charge for a period of twenty (20) years.
3. The guarantee shall be limited to the fair use of the Telescopic Seating System and shall not include acts of vandalism, fire, flood or other situations that do not fall into the general use requirements of the bleachers.
4. A yearly inspection and required maintenance must be performed to maintain the extended 20 year warranty.

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
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: Manual operation with portable power tractor.
5. Product Requirements:
 - a. System to be wall attached.
 - b. Bank Length shall be: _____ as required by specifications
 - c. Total number of rows: as required by specifications
 - d. Row rise: 10", as required by specifications
 - e. Row spacing: 24' 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. Single and Double center cutouts will be recoverable.
 - b. Scorer's table 15'' X 96''. Table shall be self-supporting and portable to be used anywhere within the bleacher system or on the gymnasium floor (if required).
 - c. Self-storing End Rails: All railings to receive powder-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 1/2'' x 3'' x 10 gauge structural tubing.
 2. Bracing: 1 1/2'' square, structural tubing
 3. Row Locks: Provide two per each row, per bleacher section made of 1/4'' plate, hot rolled steel.
 4. Wheels shall be 4'' diameter x 1 1/4'' width.
 5. Maximum spacing between columns shall be 11' - 6''
 6. Finish: Provide manufacturers black, semi-gloss, machinery enamel
- B. Deck System
 1. Footboards shall be 3/4'' plywood with top facing. All surfaces shall be thoroughly sealed. Top facing shall receive three coats of colored, opaque, catalyzed epoxy coating. Adjacent foot boards shall be joined by means of extruded aluminum joiner beam sized for 3/4'' footboards.
 2. Optional Upgrade - Panelam laminate on 3/4'' plywood.
 3. Optional Upgrade - Bronzed Aluminum decking
 4. Aluminum trim shall be installed on all exposed edges. Extruded aluminum joiners shall be placed between adjacent footboards.
 5. 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. Wood: Provide full 5/4'' kiln dried, select southern yellow pine with rounded edges. Provide sanding sealer and three coats of clear polyurethane finish on top and sides.

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. Telescopic 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 in compliance with manufacturer's recommendations. Telescopic Seating Subcontractor shall clean installed seating on exposed or semi-exposed surfaces and touch-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.

Bid Form

Date:

To: Obion County Board of Education
316 South Third Street
Union City, Tennessee 38261

From: (Name of Bidder)
(Address of Bidder)
(City, State, and Zip code)

For: Telescoping Gym Seating; Backstop relocation
Black Oak Elementary School
Hornbeak, Tennessee

The undersigned, as Bidder, hereby declares that the only person, or persons, interested in the Bid as principal or principals, is or are, named herein and that no other person than herein mentioned has any interest in this Bid or in the contract to be entered into; that this Bid is made without connection with any other person, company or parties, making a bid, and it is in all respects fair and in good faith without collusion or fraud.

The Bidder further declares that he has examined the site of the work and informed himself fully in regard to all conditions pertaining to the places where the work is to be done, that he has examined the drawings and the project manual for the work and the Contract Documents relative to the Work to be performed and that this bid is based upon thereon, without exception.

The Bidder proposes and agrees, if this Bid is accepted, to contract with the Owner in the form of contract AIA Document A101, Published by the American Institute of Architects for Contractor and Owner, furnishing thereby all services, labor, and materials to complete the construction of the project in full and complete accordance with the noted, described, and reasonably intended requirements of the Contract Documents.

The Bidder may list voluntary alternates on the second page of this form.

The bids shall be submitted in **duplicate**. All bids shall be enclosed in a sealed envelope. The envelope shall be addressed to the owner, and identified with the words "BID ENCLOSED, TELESCOPING GYM SEATING;BACKSTOP RELOCATION, BLACK OAK ELEMENTARY SCHOOL" plainly written on the face thereof.

Bids shall be filled in by typewriter or manually in ink.

The bidder, if awarded a contract, and assuming receiving a Notice of Award or a Notice to Proceed within 10 calendar days of the bid date hereby agrees to commence work under this contract on or before the date specified herein and to achieve Substantial Completion of the project on or before _____ calendar days..

Telescopic Gym Seating

The bidder agrees to perform all of the work described in the Construction Documents for a lump sum price of: _____ dollars.
(written amount)

\$ _____
(numerical amount)

Backstop relocation

The bidder agrees to perform all of the work described in the Construction Documents for a lump sum price of: _____ dollars.
(written amount)

\$ _____
(numerical amount)

Combination Bid (Telescopic gym seating and backstop relocation)

The bidder agrees to perform all of the work described in the Construction Documents for a lump sum price of: _____ dollars.
(written amount)

\$ _____
(numerical amount)

Bidder further certifies that: (One must be checked)

____ All specifications are met as prescribed herein.

____ Alternate items and specs are attached and described as required herein.

VOLUNTARY ALTERNATES

Voluntary Alternate #1: Add \$ _____ Deduct \$ _____
(description of alternate)

Voluntary Alternate #2 Add \$ _____ Deduct \$ _____
(description of alternate)

The Bidder agrees that his bid may not be withdrawn for a period of 60 calendar days after the scheduled closing time for receiving bids.

The Bidder acknowledges by his signature that the Owner reserves the right to reject any and all bids, to evaluate bids and to accept any bid or bids which, in his opinion, may be in the best interest of the Owner, especially those that appear irregular and/or inconsistent in content.

The Undersigned hereby affirms and states that the prices quoted herein constitute the gross total cost for the work involved in the respective items and that this cost also includes taxes, insurance, royalties, transportation charges, use of tools and equipment, superintendents, overhead, profits and other work, services, and conditions necessarily involved in the work done and the materials furnished, in accordance with the requirements of the contract.

Acknowledge receipt of the following Addenda to the Contract Documents

Addendum #1 _____ date_____

Addendum #2_____ date_____

After Notice to Proceed is received, the Bidder will immediately begin and complete our work within the specified contract time.

By: _____
(signature)

Title: _____

Date: _____

Firm Name:

State of Incorporation

Mailing address:

(P.O. Box and/or street address)

(City)

(State)

(Zip Code)

Telephone Number:

Fax Number:

Contractors License No.:

Expiration Date: