

INVITATION TO BID

Durant Public Schools invites the submission of bids pursuant to the requirements of the Oklahoma Public Competitive Bidding Act of 1974 (the "Act") for the purchase of Bleachers for Durant ISD, Durant, Oklahoma.(Bid # 19328)

Sealed bids addressed to the Owner will be received at Place of Bid until the Time of Bid on the Bid Date and then will be opened and read publicly the same date and hour.

PROJECT: Provide labor, material, equipment and supervision necessary to complete installation of galvanized steel elevated angle frame bleachers.

BID DOCUMENTS: Bid Packet and Specifications can be located on the Durant School District Website www.durantisd.org

OWNER: Board of Education, Durant Independent School District No. 72 of Bryan County, Oklahoma (Durant Public Schools)

BID DATE: April 25, 2019

TIME OF BID: 2:00 p.m.

PLACE OF BID: Conference Room
Durant Administration Office
1323 Waco Street
Durant, Oklahoma 74701

Any bids received after the stated Time of Bid or more than 96 hours prior to the Time of Bid will be returned to the Bidder unopened.

INVITATION TO BID

In submitting a bid it is agreed that the Bid may not be withdrawn for a period of thirty (30) days after bid date.

A Bid Security in the form of a cashier's check, certified check, or acceptable bidder's surety bond, shall be deposited with the Owner in an amount equal to five percent (5%) of the Bid proposal submitted, including all alternates, to ensure that: (1) the Bidder will not modify, withdraw, or cancel the proposal for thirty (30) days after the bid date; (2) the Bidder, if awarded the contract, will promptly enter into a contract and execute such bonds(Performance and Payment Bonds) in the amount of 100% of the contract and furnish such insurance certificates as may be required upon award of contract; and (3) the Bidder will provide Non-Collusion Business Affidavits. Should the Bidder default in these obligations, for any reason, the Owner may recover its damages from the Bidder's Bid Security. Should the damages total less than the amount of the Bidder's Bid Security, the damages shall be deducted from the Bidder's Security and the balance returned to the Bidder. Damages may include the actual expenses incurred by the Owner by reason of the Bidder's default, the difference between the Bidder's proposed Contract Sum and the Contract Sum as awarded and costs to re-bid the Project should such action become necessary. Such bid securities will be Owner.

The Owner reserves the right to reject any and/or all bids and waive informalities and irregularities.

BY: Durant Board of Education

-----END OF SECTION-----

BID FORM

Proposal for: __19328__ for Durant ISD

Owner: Durant Independent School District No. 72 of Bryan County,
Oklahoma (Durant Public Schools), 1323 Waco Street, Durant ,
Oklahoma, 74701

Architect: None Required

Contractor:

(Bidder's Name)

(Bidder's Address)

(City, State, and ZIP Code)

(Type of Entity)

(Phone)

(FAX Number)

(Internet E-Mail Address)

SCOPE

It is also understood that all sales taxes are to be deleted from the Bid.

1. ALL BIDDERS ARE REQUIRED TO FURNISH 5% BID BOND WITH BID(S)
2. ALL CONTRACTS THAT INCLUDE INSTALLATION (MATERIALS AND LABOR COMBINED) OVER \$50,000.00 WILL REQUIRE A PERFORMANCE BOND
3. ALL BIDS FOR MATERIALS ONLY REQUIRE NO PERFORMANCE BOND
4. COMPLETE ALL WORK WITHIN 180 CALENDAR DAYS FROM DATE OF NOTICE TO PROCEED

BID PROPOSAL FOR SCHOOL PROJECT(S)

BASE BID SUMMARY: *(detailed description of items to be bid)*

BASE BID FORM PROPOSAL

To furnish labor and materials in purchasing bleachers per specifications contained in these bidding documents.

_____ Dollars.
(WRITTEN AMOUNT)

(\$ _____) (FIGURES)

TIME OF COMPLETION

If awarded the Contract, the undersigned Bidder agrees to complete the Work within the following number of calendar days from the date of the Notice to Proceed from the Owner.

(_____) Calendar Days

It is understood that time of completion is a material part of the Bid and may be considered by the Owner in determining the lowest responsible bidder for purposes of awarding the Contract.

BIDDER'S COMPANY NAME _____

BY _____
(Signature of Legal Representative of Company)

ELEVATED GALVANIZED STEEL ANGLE FRAME BLEACHER SPECIFICATIONS
SECTION 13125

PART 1 – GENERAL

1.01 System Description

- A. Provide labor, material, equipment and supervision necessary to complete installation of galvanized steel elevated angle frame bleachers, including the following:
 - 1. Steel Substructure
 - 2. Decking System
 - 3. Concrete Slab by Owner
 - 4. Press Box Foundation by Bleacher Manufacturer
 - 5. Press Box Support
 - 6. Press Box

1.02 Quality Assurance

- A. **Manufacturer Qualifications:** Manufacturers must have ten years of experience in the manufacturing of bleachers and grandstands; welders must be AWS certified; manufacturing capability according to various code compliances.
- B. **Installer Qualifications:** Factory-trained and experienced in the proper installation of grandstands.
- C. **Source Quality Control:** Mill Test Certification.
- D. The owner shall supply manufacturer with all state and/or local code requirements. Owner shall also supply manufacturer with applicable handicap regulations.

1.03 Submittals

- A. **Manufacturer's Product Data:** Submit manufacturer's descriptive product for project.
- B. **Shop Drawings:** Manufacturer to submit shop drawings sealed by a licensed professional engineer and schedules for type, location, quantity and details of steel and aluminum components required for project.
- C. **Certificates:**
 - 1. Insurance Certificate
 - 2. Bid Bond
- D. **Product Sample:** Submit one 12" seat sample.
- E. **Color Sample:** If applicable, submit sample.

1.04 Site Conditions

- A. Owner to verify site locations and make site accessible.
- B. Owner will locate all underground utilities and obstructions. Any utility relocation required will be completed by owner.
- C. Owner will furnish geotechnical report indicating soil conditions and allowable soil bearing pressure.
- D. Owner will verify grandstand location and benchmark elevation.

1.05 Warranty

- A. Bleacher shall be under warranty for a period of one year beginning at date of substantial completion for projects installed by manufacturer. The bleacher is warranted to be free from defect in materials and workmanship in the course of manufacture. This warranty excludes any other defects resulting from abnormal use in service, accidental or intentional damage or any occurrences beyond manufacturer's control. Any exposed mill finish aluminum surface will become discolored due to oxidation, which is a natural phenomenon. Bleacher manufacturer will not be responsible for discoloration of oxidized mill finish aluminum.

1.06 Maintenance

- A. Owner is to conduct annual inspection and required maintenance of grandstands to ensure safe conditions.

PART 2 – PRODUCTS

2.01 Acceptable Manufacturer

- A. CBS Constructors
P.O. Box 995
McCook, NE 69001 (308) 345-4280
(308) 345-4281 (fax)
Toll Free 1-800-847-7443
- B. Heartland Seating Inc
11222 Johnson Drive
Shawnee, KS 66203
(913) 268-0069
- C. Other manufacturers seeking approval shall submit product literature to owner/engineer seven days prior to bid date. This submittal shall include calculations by a licensed engineer showing any deviations meet or

exceed the specified item they are intended to replace. Failure of manufacturer to comply with this requirement is cause for rejection.

2.02 Galvanized Steel Angle Frame Bleacher

- A. Product Description
 - 1. CBS Constructors bleacher design with gross seating capacity of 1,225 and net seating capacity of 1,020 plus 10 wheelchair spaces. 15 rows by 122.5 Ft. in length. Press box support structure 8 Ft. by 42 Ft. Press Box 8 Ft. by 30 Ft.
 - 2. Frame Work: Support structure shall consist of structural galvanized steel angle frames set on 6'-0" center-to-center spacing.
 - 3. Galvanized steel flat strap sway bracing shall be installed in all bays to support wind and sway loads.
- B. Design: Design shall be in accordance with the Governing Building Code, American Institute of Steel construction, Aluminum Design Manual, and Concrete Reinforcing Steel Institute.
- C. Design Loads:
 - 1. Live Loads: 100 Pounds per square foot (psf) gross horizontal area.
 - 2. Perpendicular Sway Load: 10 pounds per linear foot (plf) of seat plank.
 - 3. Lateral Sway Load: 24 plf of seat plank.
 - 4. Wind Load: Per local building code requirements.
 - 5. Live Load for Seat and Tread Planks: 120 plf
 - 6. Guardrail Loads: A single 200-pound concentrated or 50 plf distributed load applied in any direction, at any location.
- D. Shop Connections: Welded and capable of carrying stress put upon them.
- E. Front Walkway:
 - 1. Clear width 60 inches.
 - 2. Elevated 4 feet 0 inches above grade at front center point of stand.
- F. Decking:
 - 1. Rise per Row 8 inches.
 - 2. Depth per Row 24 inches.
 - 3. Seat height 18 inches.
 - 4. Seating
 - a. Bench - 2 by 10 (1 3/4" x 9 5/8") anodized plank
 - 5. Decking System Type
 - a. Full plank - 2 Each 2 by 10 (1 3/4" x 9 5/8") mill finish planks
 - b. 1 x 6 Painted aluminum plank (Red)

6. Joint Sleeve: Pair of aluminum sleeves to insert in flat plank to maintain true alignment in joining together two plank pieces. Splice cover is unacceptable between two flat plank pieces joined in a straight line.
- G. Aisles:
 1. Aisles with seating on both sides to have 34-inch high handrail with intermediate rail at approximately 22 inches above tread.
 2. Anodized aluminum handrails with rounded ends are discontinuous to allow access to seating through a space 22 inches (min) to 36 inches (max)
 3. Aluminum tread nosing of contrasting color on aisle steps.
 4. (If required) Half steps shall provide equal rise and run throughout aisle. Each shall have aisle nosing of contrasting color.
 - H. Guardrail: To be at all sides of bleacher, entry stairs, walkways, ramps, portals, and landings where 30 inches or more above adjacent area or grade. Materials shall be anodized aluminum pipe with end plugs at ends of straight runs or elbows at corners. Secure guardrail to aluminum channel post by galvanized fasteners. Top rail shall be 42 inches (min) above walkways and nose of adjacent seat. Include 9 gauge galvanized chain link fencing fastened in place with galvanized fittings and aluminum ties.
 - I. Handrails: Shall be provided at all ramps and stairs 1 5/8" O.D. clear anodized aluminum pipe with extensions and returns per building code.
 - J. Stairs: 2 x 12 Aluminum planks with maximum of 7 inches rise and minimum 11 inch tread. Guardrails and handrails per code.
 - K. Accessibility: Incorporated ramps and wheelchair spaces within grandstand system in accordance with applicable code requirements and ADA. Wheelchair spaces to be equally dispersed along front walkway and other crosswalks. Companion seat required for each wheelchair space.

2.01 Materials

- A. Structural shapes meet one of the following ASTM specifications; A36, A572, Gr50 or A992
- B. Aluminum planking: Extruded alloy 6063-T6
- C. Aluminum guardrails: Extruded alloy 6061-T6
- D. Aluminum guardrail support post: Extruded alloy 6061-T6
- E. Concrete slab-on-grade foundations: minimum compression strength of 3,000 PSI at 28 days

2.02 Finishes

- A. Steel Hot-dipped galvanized after fabrication in accordance with ASTM A123.
- B. Aluminum:
 - 1. Anodized: Aluminum seats, clear anodized 204RI.
 - 2. Mill Finish: Aluminum footboards
 - 3. Painted riserboards.

PART 3 – EXECUTION

3.01 Concrete Foundation

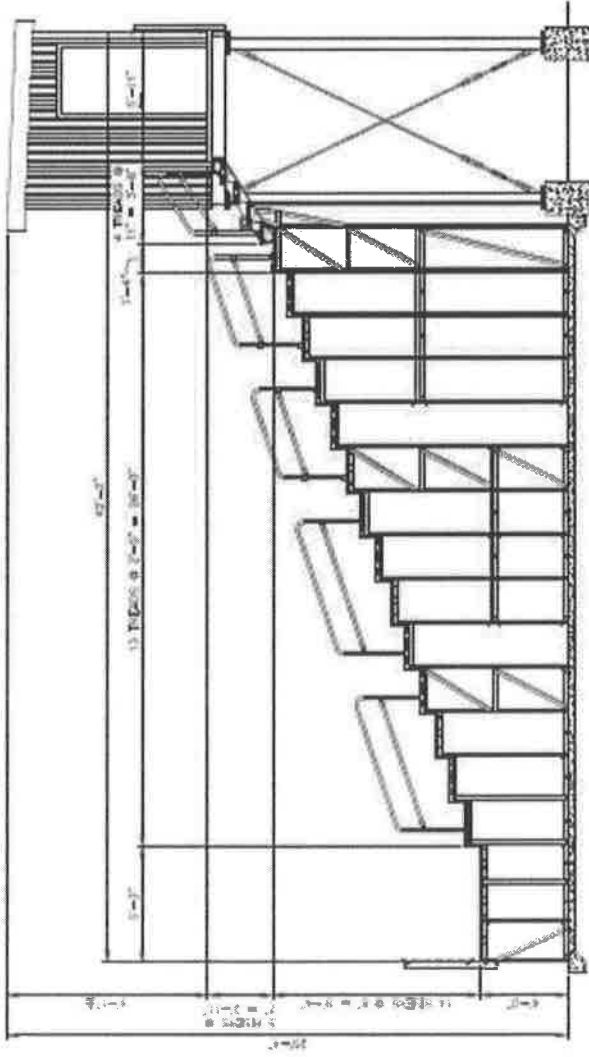
- A. Foundations for seating facility shall consist of a concrete slab-on-grade placed on the ground surface beneath the facility. This slab shall not be the responsibility of the contractor. The press box foundations shall be the responsibility of the bleacher contractor. Owner to provide Geotechnical report.
- B. The galvanized steel structural frames shall be bolted to the concrete slab with anchor bolts of sufficient size and quantity to adequately resist required loads.

3.02 Installation

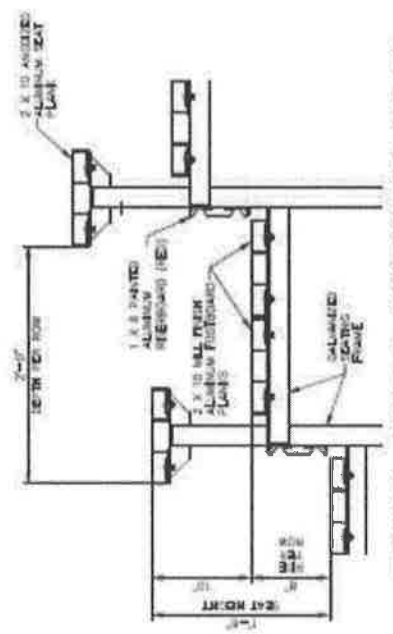
- A. Install galvanized steel frame angle bleachers complete in accordance with manufacturers written instructions and approved shop drawings.

3.03 Clean-up

- A. Clean installed grandstand/bleachers exposed surfaces. Clean up all construction debris.
- B. On completion of installation, including work of other trades, adjust each Grandstand Bleacher unit to comply with manufacturers specification.



SECTION THROUGH BLEACHER SEATING AT PRESSBOX
NOT TO SCALE



TYPICAL SEAT & FOOTBOARD DETAIL
NOT TO SCALE

