

ADDENDUM NO 02
CITY OF FAIRHOPE

to

Bid 027-12

Bleachers for Barnwell Football Fields

The bid documents for this Bid shall be amended, revised and changed in the following particulars provided by Recreation Department:

The bid documents for this Bid shall be amended, revised and changed in the following particulars:

Questions from potential bidders

Answers provided by Tom Kuhl, Recreation and Parks Director

Question 1:

Can you tell me how many wheelchair spaces is desired?

Answer 1:

Bleachers will need four (4) Wheel chair spaces (per ADA)

Question 2:

Does the width of the front walkway change due to the additional wheelchair spaces?

Answer 2:

54" wide walkway if wheel chair spaces are cut into bottom rows of seats; wider if wheel chair spaces are on walkway.

Question 3:

Do you want the bleachers to be ADA code compliant?

Answer 3:

Yes, including the ramp and wheel chair spaces..

Responders are to sign and include signed Addendum No.1 with submitted bid documents.

Acknowledged:

Company

By

Daniel P. Ames
Purchasing Manager
City of Fairhope
Posted: 06-27-2012

ITEM IV
SCOPE OF WORK AND SPECIFICATIONS rev1
Bid No. 027-12 Bleachers for Barnwell Football Fields
Fairhope Recreation Department
City of Fairhope

SCOPE OF WORK

1. The Awarded Vendor to provide the following equipment per specifications.
 - a. Provide BLEACHERS and associated equipment and service as per specifications. Awarded Vendor is to supply materials only for bleachers, F.O.B. City of Fairhope as directed , and supply the assembly instructions. The actual installation and assembly will be provided by the City.
 - b. Deliver items to the City of Fairhope Warehouse, Fairhope Al, or other designated City site.
 - c. BLEACHERS shall be complete with all of the necessary accessories as shown and described herein. Accessories not specifically mentioned, but necessary to furnish a complete unit ready for use shall also be included. All equipment shall be new and of current production of national firms that manufacture BLEACHERS, and the specified accessories. The awarded bidder shall supply the BLEACHERS as a complete and coordinated unit.
 - d. The attached specifications are intended and provided solely as a general and non-exhaustive expression of the intent and purpose of the City of Fairhope regarding this bid; said specifications should be so considered by the bidders. The use of specific names is not intended to restrict the bidder or any seller or manufacturer, but is solely for the purpose of indicating the type, size and quality of materials, product services, or equipment best suited for the City of Fairhope. Accordingly, the bidder admits and agrees that said specifications are not complete in every detail and that the work and materials not indicated or expressly mentioned in said specifications, but which are reasonably necessary for the full and faithful performance of the item(s) bid in accordance with the full and faithful intent, will be included in the bid and incorporated in the work by the bidder and at the bidder's sole expense, the same as if indicated and specified.

SPECIFICATIONS FOR BLEACHERS

Number of rows: 10
Overall length: 21'-0"
Quantity: Four (4) bleacher units

UNDERSTRUCTURE

The understructure of the bleacher shall consist of a series of welded aluminum angle frames spaced at intervals of no more than 6'-0" and joined by means of aluminum sway braces, alloy 6061-T6, mill finish. Each frame shall consist of vertical members, adequate diagonal braces, and horizontal members welded to form **an 8" rise and a 24" back to back spacing** between seat rows. Bleacher shall be provided with a front walkway **elevated 32" above grade, 54" clear width**. Design of the bleacher shall conform in all respect to **International Building**

Code requirements for bleachers and grandstands. All welded connections shall be by certified aluminum welders and all mating parts shall be welded on all sides to assure adequate strength.

DESIGN

The bleacher shall be designed to support, in addition to its own weight, a uniformly distributed live load of not less than 100 pounds per square foot of gross horizontal projection of the bleacher. All seat and foot plank members shall be designed to support not less than 120 pounds per lineal foot. The bleacher shall be designed to resist, with or without live load, a horizontal wind load appropriate for local conditions. It shall also be designed to resist, in addition to the live load, sway forces applied to the seats in a direction parallel to the length of the seat planks 24 pounds per lineal foot; and, in a direction perpendicular, stresses in aluminum members and connections shall not exceed those specified for Building Type Structures by the Aluminum Association.

SEATS AND DECKING

Seats shall be 2"x 10" nominal extruded (1.75"x9.5"actual) aluminum, alloy 6063-T6, wall thickness .078" (+/- .006" industry tolerance) with a raised fluted surface to provide a non-skid surface. Seats shall be anodized clear (204R1), conforming to the Aluminum Association Architectural Standard AA-C22A31. Seat planks shall have one internal support leg, and shall be designed to rest on a seat support with a minimum bearing surface of 8-1/2" to provide adequate resistance to torsion stress. Footboards shall consist of two 2"x10" nominal extruded (1.75"x9.5" actual) aluminum, alloy 6063-T6, wall thickness .078" (+/- .006" industry tolerance) with a raised fluted surface to provide a non-skid surface. Footboards shall have a mill finish. End caps provided for footboards shall match in both color and finish, shall be full length single piece, and shall attach by means of aluminum rivets on the underside of the plank.

End caps shall be of a heavy duty clamping, channel design, and shall match in both color and finish the plank to which they will attach. End caps shall be fastened to the underside by means of two aluminum rivets. Seats and footboards shall be connected to the supporting structure so as to transmit all live and sway loads to the understructure members, so placed to resist those loads specified in the design section. The connecting hardware (bolt clips) shall be of extruded aluminum, mill finish. Clips shall be so designed as to provide adjustability in four directions.

RISER

1"x 6" nominal extruded aluminum, alloy 6063-T6, mill finish plank shall be attached under the seatboards on rows 1-9. One 2"x10" nominal extruded aluminum, alloy 6063-T6, mill finish plank shall be attached under the seatboard on row 10 only. This plank shall be the same design as the footboards that are described in the above paragraph.

AISLES

There shall be one 60" wide vertical aisle located within the bleacher, leading to the front walkway. Aisle extension plank shall be provided to close the horizontal opening in the aisle. Aisle shall be provided with a center handrail, in accordance with requirements of International Building Code.

STAIRS

Stair rise per tread shall not exceed 7" and tread shall be a minimum of 11". Stair treads shall be of extruded aluminum with nominal dimensions of 2"x12" and shall be as described for footboard material. Understructure shall be constructed of welded aluminum channel and angle.

HARDWARE

All structural hardware shall be 7/16" diameter, grade 5 machine bolts, complete with hex nuts and "spring type" lockwashers. All hardware connecting plank to understructure shall be 5/16" diameter carriage bolts, complete with hex nuts and "spring type" lockwashers. The finish of all hardware shall be either hot-dipped galvanized or stainless steel to prohibit deterioration from electrolysis. No other hardware finish will be considered as an alternate.

GUARDRAIL

All railing shall consist of 1-1/4" schedule 40 aluminum pipe with an anodized clear finish. All plugs and fittings shall be of cast aluminum. Rail pipe shall be secured to the aluminum channel supports by means of galvanized tension bands. The top rail shall be 42" above seat or walkway on front sides, and rear. There shall be 3 rails provided for front and sides and 2 rails on the rear. Stair rails shall be 34" above the leading most edge of the stair tread. There shall be provided an aluminized chain link fence on front, sides and rear of the bleacher.

HANDICAP ACCESS

Front walkway shall consist of mill finish aluminum extrusions, alloy 6063-T6, mill finish. There shall be 5'-6" areas "cut into" the first seat rows to allow for wheelchair viewing. A ramp shall be provided on one end of the walkway with a slope of 1:12 for wheelchair access to walkway.

Aluminum extrusions shall be placed perpendicular to traffic flow to provide non-skid access. Framework for ramp shall be of welded aluminum channel and angle to form proper slope and required landings. Aluminum ramp system to grade.

WARRANTY

All aluminum bleachers shall carry, after proper erection, and under normal use for this type of structure, a one (1) year warranty against all defects in materials and workmanship. Acts of vandalism or abuse shall render the conditions of this warranty null and void.

END SCOPE OF WORK AND SPECIFICATIONS