

March 3, 2010

**TO ALL BIDDERS:**

You are invited to participate in the City bid "O'Neal Field Bleachers". Plans and specifications are included for your review.

Additional information needed for this bid is included in this packet.

The Bid Date is set for Tuesday, March 23, 2010 at 2:00 pm at the City Hall Conference Room, 706 Arendell St., Morehead City, NC. Bids may be hand delivered or mailed and received prior to the specified bid opening date and time.

If you have any questions or comments about this bid, please contact me at 726-6848, ext 132.

Sincerely,

*David McCabe*

David McCabe  
Director of Public Works

**ADVERTISEMENT FOR BIDS**  
O'Neal Field Bleachers  
TOWN OF MOREHEAD CITY

Bids will be received by the Town of Morehead City at Town Hall, 706 Arendell St., Morehead City, NC 28557 until 2:00 pm EDST, Tuesday, March 23, 2010 and at such time will be opened and read aloud.

Completed bid(s) must be sealed in an envelope addressed to the Town of Morehead City. Each sealed envelope must be plainly marked on the outside as bid for "O'Neal Field Bleachers". The bidder shall place its company name on the outside of the envelope, as well as its address, and license number if applicable.

Prices must remain firm for forty-five (45) days.

The Town of Morehead City reserves the right to reject any and all bids and to award to the lowest responsible bidder based on the City's best interest.

Interested bidders may request/pickup a bid packet by contacting Michele Kuhle at 252.726.6840, ext. 132.

The Town of Morehead City is an equal opportunity employer/provider.

# **Town of Morehead City**

## **Bleacher Bid Specifications**

### GENERAL CONDITIONS

#### **INTENT OF BID**

It is the intent of these specifications to provide and deliver a complete Bleacher system for the O'Neal Baseball Field, with ADA accessibility, fully compliant with the building codes of the State of North Carolina.

#### **DELIVERY:**

Delivery of the Bleachers system covered by these specifications shall be made to O'Neal Field, 2706 Mayberry Loop Rd., Morehead City, NC 28557. Bid figures shall include all charges including delivery to the site.

#### **PRODUCT LIABILITY INSURANCE**

The bidder shall state its various insurance coverage, amounts and length of coverage in relation to the bleachers and their ultimate use.

**INSPECTION:** The bleachers shall arrive in new, undamaged condition. The City reserves the right to inspect and reject any items that are damaged or defective. The vendor shall be responsible for shortages.

**ERRORS in SPECIFICATIONS:** If a bidder finds discrepancies or omissions in these specifications or is in doubt as to their meaning, he shall at once notify the City, who will send written instructions to all bidders. The City will not be responsible for any oral instructions. Should any dispute arise respecting the true meaning of these specifications, the same shall be decided by the City and shall be final. City reserves the right to withdraw this RFP at any time and for any reason and to issue such clarifications, modifications, and/or amendments as it may deem appropriate.

**BID WITHDRAW:** No bid may be withdrawn within forty-five (45) days of the bid opening date.

#### **BID REJECTION:**

The Town of Morehead City reserves the right to reject any or all proposals in whole or in part, and in the interest of uniformity of design and equipment, delivery time or preference, to waive minor irregularities in proposals, and to award to other than the low bidder when determined to be in the City's best interest. Any such waiver shall not modify any remaining bid requirements or excuse the bidder from full compliance with the bid specifications and other contract requirements if the bidder is awarded the contract.

**9. CONTRACT ASSIGNMENT:** The successful bidder shall not assign the performance of the contract, nor any portion thereof, to others without the prior expressed written consent of the City.

**10. STANDARD OF QUALITY:** Bidders must submit bids on the materials according to the quality and style described in the specifications, quoting the price for each quantity specified. When the product of a particular manufacturer is mentioned in describing various items it is for the purpose of denoting the minimum standard of quality and capacity desired. However, bids may be submitted on materials of equal quality, kind or character, (whether or not the term “or equal” is used in the description), but the bidder must state clearly the proper identification or description of the product, with specifications, catalog cuts, other information and samples. The “or equal” information of a substitute product must accompany the bid for the bid to be considered. Bids on articles of inferior quality will not be considered. Products and services which are not specifically requested in this BID, but which are necessary to provide the functional capabilities of the bleachers proposed by the bidder, shall be included in the proposal. After determination of the apparent low bidder, but before award of the contract, the apparent low bidder shall provide plans, specifications, installation instructions, cut sheets, samples, etc. as may be required by the owner. Failure to provide the required information, in a satisfactory form, may be reason for rejection of the bid.

#### **QUALITY ASSURANCE**

Manufacturer shall have a minimum of 10 years experience in manufacturing bleacher seating. The bleacher shall be designed under the supervision of a registered professional engineer. Detailed Certificate of Insurance, including products/completed operations liability insurance, shall be provided as required above.

#### **WARRANTY:**

- A. Warranty shall guarantee bleachers to be free from defect in materials and workmanship for a minimum period of 1 year. Warranty period shall begin on date of completion for projects installed by manufacturer, or its subcontractors, **OR** warranty period shall begin on date of final delivery on projects installed by others.
- B. Anodized finish of plank extrusions shall be covered by a **5 year** warranty against loss of structural strength or finish deterioration due to exposure to weather conditions or UV rays.

#### **MINIMUM SPECIFICATIONS**

##### **SCOPE**

It is the intent of these specifications to provide a complete Bleacher system for the O’Neal Baseball Field, with ADA accessibility, fully compliant with the building codes of the State of North Carolina. The bleacher system shall be capable of providing seating for approximately one (1,000) thousand spectators. Handicap seating shall include companion seating along the front aisle.

Included in this bid request are several drawings that represent a concept that the City has in mind for this bleacher system. These drawings are not meant to direct a contractor in its design that they present in their proposal nor does it imply a brand preference. The drawing attempts to convey those features the City prefers. In addition, attached is a copy of an as built survey that depicts site conditions.

### **UNDERSTRUCTURE**

The understructure of the bleacher shall consist of a series of welded angle or tubular frames spaced at intervals of no more than 6'-0" and joined by means of sway braces. 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. The Center section bleacher shall have an 8' rise and approximately 33" back of seat to back of seat (run) spacing. All welded connections shall be by certified welders and all mating parts shall be welded on all sides to assure adequate strength. The understructure shall be designed to meet all applicable codes.

### **DESIGN**

The bleacher shall be designed to support, in addition to its own weight, a uniformly distributed live load or 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 site is located in a 133 mph wind zone (3 second gust) and the bleachers shall be designed accordingly. 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 to the seats 10 plf. The design shall meet all applicable codes.

### **CENTER SECTION BLEACHER**

The center section bleacher shall be designed and engineered to allow the use of backrests. The proposed rise/run shall be stated and should be approximately 8" rise / 33" run. The center section bleacher, as well as all other bleachers, shall be designed to meet all applicable codes.

### **SEATS AND DECKING**

Seats shall be 2" x 10" nominal extruded (1.75" x 9.5" 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" x 10" nominal extruded (1.75" x 9.5" actual) aluminum, alloy 6063-T6, wall thickness .078" (+/- .006" industry tolerance) with a raised fluted surface to provide a nonskid surface. When required by the design single 2" x 10" footboards may be utilized. Footboards shall have a mill finish. Riser boards shall be provided under rows

and be mill finished aluminum extrusions, alloy 6063-T6. 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. Seats and riser boards shall have a powder coated finish in manufacturer's standard color as selected by the owner. The seats, decking, footboards, riser boards, etc. shall be designed to meet all applicable codes.

The bidder shall provide a minimum of ten (10) wheelchair accessible seating, four (4) with companion seating.

### **AISLES & HANDRAIL**

All aisles shall have applicable step extensions and a handrail of 6061-T6 anodized aluminum schedule 40 extruded pipe of 1.5" minimum O.D. Pipe center handrail shall be provided for mid aisles. Side aisles shall have the handrail incorporated into the guardrail system. The aisles and handrail shall be designed to meet all applicable codes.

### **GUARDRAIL**

Solid panels are constructed of 4 gauge galvanized steel 2" x 4" wire mesh framed in welded 2" square tube. The top rail shall be 42" above the nearest seat on the sides and top row. Wire mesh shall be galvanized coated. No opening between the bleacher unit and the guardrail shall exceed 4". The rail shall bolt to an angle support bracket, which is bolted into the understructure frames. The Chain Link guardrail provides for 3 lines of anodized aluminum 6061-T6 alloy extruded 1-1/4" schedule 40 pipe with a 1.1/2" minimum O.D. Fittings & accessories of aluminum shall conform to ASTM B-26. Chain link does not extend above top rail on sides. Guardrail shall be capable of sustaining a vertical load of 100 plf and a horizontal thrust of 50 plf acting outwardly at the top of the rail.

The vendor shall manufacture and provide a front rail to be connected directly in front of the 5 foot walkway. The front rail shall be 42" in height and constructed the same as side rails. The guardrail shall be designed to meet all applicable codes.

### **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. The hardware shall be designed to meet all applicable codes.

### **BIDDER'S RESPONSIBILITY**

- The bidder shall be responsible for providing details concerning foundation support of the bleacher assembly. The foundation shall be the responsibility of the owner.

- The contractor shall state the rise and depth for each section.
- The vendor shall work with the owner to determine the necessary elevations for installation of the bleacher assembly
- Contractor shall be responsible for familiarizing himself with the project site prior to submitting a bid.

## **ADD-ALTERNATES**

### **#1 INSTALLATION – BLEACHER SYSTEM**

The bidder shall provide pricing for labor, materials, equipment, insurance, etc. for the installation of the bleacher system. Installation shall be per plans, specifications and drawings. Installation shall not include site preparation (foundation). Cleanup and removal of packaging and construction debris shall be by owner. The installation shall meet all applicable codes.

### **#2 ELEVATED PLATFORM VIEWING AREA**

The bidder shall provide pricing information for the manufacture and delivery of a viewing platform. The viewing platform shall be independently supported but directly connected to the center bleacher section. Viewing platform shall be approximately 8' wide and 40' long. The viewing platform height shall be established at 26" below the rear guardrail height. The bidder shall provide aisle steps to access the platform viewing area at all aisle(s).

The bidder shall be required to provide the necessary engineering to design the platform viewing area. The platform viewing area shall be designed to meet all applicable codes.

### **#2a INSTALLATION - ELEVATED PLATFORM VIEWING AREA**

The bidder shall provide pricing for labor, materials, equipment, insurance, etc. for the installation of the elevated platform viewing area. Installation shall be per plans, specifications and drawings. Cleanup and removal of packaging and construction debris shall be by owner. The installation shall meet all applicable codes.

### **#3 PRESS BOX SUPPORT SYSTEM (In lieu of Platform Viewing Area)**

The bidder shall provide pricing information for the manufacture and delivery of a press box support system sufficient to withstand the load of a press box. The press box support system shall be independently supported but directly connected to the center bleacher section. The press box support system shall be sized to accommodate a press box of approximately 8'x40'. The press box support system shall be priced to include a decking and guardrail system suitable to incorporate a press box installation at a later date. Cleanup and removal of packaging and construction debris shall be by owner. The bidder shall state the load per square foot for the press box support system. The bidder shall provide aisle steps to access the press box support system at all aisle(s). The bidder shall

be required to provide the necessary engineering to design the press box support system. The press box support system shall be designed to meet all applicable codes.

**#3a INSTALLATION – PRESS BOX SUPPORT SYSTEM**

The bidder shall provide pricing for labor, materials, equipment, insurance, etc. for the installation of the press box support system. Installation shall be per plans, specifications and drawings. Cleanup and removal of packaging and construction debris shall be by owner. The installation shall meet all applicable codes.

**#4 BLACK COATED VINYL FENCE**

The bidder shall provide pricing for providing a black vinyl coated chain link fence fabric on the guardrail system in lieu of a standard aluminized or galvanized fabric.

**#5 RAMPS AND RAMP PLATFORMS**

The bidder shall provide pricing for providing the necessary ramps and ramp platforms. The Frames shall be 9"x 1.40' extruded aluminum mill finish channel with 3"x1.4" extruded aluminum mill finish vertical channel columns. Treads shall be 6063-T6 extruded aluminum with a fluted surface and a minimum wall thickness of .078". Minimum vertical height of treads shall be 1.75" actual. Treads shall be mill finish. The ramps and ramp platforms shall be designed to meet all applicable codes.

**#6 CENTER SECTION BACKRESTS**

The bidder shall provide pricing for furnishing seat backs for the center section bleacher. Backrests shall be 6063-T6 extruded aluminum with a minimum wall thickness of 0.078". Backrest stanchion bars shall be 6061-T6 extruded aluminum, 204 R1 clear anodized spaced 6'-0" O-C max. Aluminum for backrests shall be cleaned, pre-treated and powder coated in the manufactures standard colors as selected by the owner. The center section bleacher shall require a rise/run suitable for backrests.

# BID FORM

## O'Neal Field Bleachers

The vendor, after having carefully examined the site of the work, the specifications, plans, and details all of which are made a part hereof, proposes to furnish all labor, equipment, tools, machinery, materials and to manufacture and deliver a Bleacher system that includes all elements ready to be assembled on site and placed in use. Items not specifically mentioned which are required in the assembly of the O'NEAL FIELD Bleachers shall be provided as if called out in the specifications.

UNIT PRICE                      AMOUNT

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BLEACHERS, three sections capable of seating approximately 1,000 spectators, with general dimensions as depicted on the enclosed plans in accordance with the attached specifications and meeting all applicable codes

LS \_\_\_\_\_

TOTAL

\$ \_\_\_\_\_

ADD ALTERNATE # 1 INSTALLATION-BLEACHER SYSTEM including labor, materials, equipment, insurance, etc., necessary for installation. The installation shall meet all applicable codes.

LS \_\_\_\_\_

ADD ALTERNATE # 2 PLATFORM VIEWING AREA including manufacture and delivery, independently supported but directly connected to the center bleacher section approximately 8' wide and 40' long, with aisle steps, and engineering to design. The platform

viewing area shall be designed to meet all applicable codes.

LS \_\_\_\_\_

ADD ALTERNATE #2a INSTALLATION-ELEVATED PLATFORM VIEWING AREA, including labor, materials, equipment, insurance, etc. for the installation of the elevated platform viewing area per plans, specifications and drawings. The installation shall meet all applicable codes.

LS \_\_\_\_\_

ADD ALTERNATE #3 PRESS BOX SUPPORT SYSTEM including the manufacture and delivery of a press box support system sufficient to withstand the load of a press box, independently supported but directly connected to the center bleacher section sized to accommodate a press box of approximately 8'x40' including a decking and guardrail system suitable to incorporate a press box installation at a later date, with aisle steps and necessary engineering to design. The press box support system shall be designed to meet all applicable codes.

LS \_\_\_\_\_

ADD ALTERNATE #3a INSTALLATION-PRESS BOX SUPPORT SYSTEM including labor, materials, equipment, insurance, etc. for the installation of the press box support system Installation shall be per plans, specifications and drawings. The installation shall meet all applicable codes.

LS \_\_\_\_\_

ADD ALTERNATE #4 BLACK COATED VINYL FENCE in lieu of standard aluminized or galvanized fabric.

LS \_\_\_\_\_

ADD ALTERNATE #5 RAMPS  
AND RAMP PLATFORMS  
including hardware, handrails, side-  
rails, etc. all designed to meet all  
applicable codes.

LS \_\_\_\_\_

ADD ALTERNATE #6 CENTER  
SECTION BACKRESTS including  
stanchion bars, hardware, powder  
coated, etc.

LS \_\_\_\_\_

**Respectfully Submitted**

Bidder \_\_\_\_\_

Address \_\_\_\_\_

By \_\_\_\_\_

\_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_