

COAST RIFLE and Pistol CLUB

REQUEST FOR BIDS

SKEET AND TRAP FIELD CONSTRUCTION

Phase I – Skeet Houses and Field Flat Work

The Gulf Coast Rifle and Pistol Club will be accepting bids for the first phase of construction of three skeet fields and one trap field. The Club is located in Highway 67 in Harrison County Mississippi. All contractors submitting bids for this project must be licensed to work in the State of Mississippi. The chosen contractor shall have workman's compensation insurance for all employees. Copies of the license and workman's compensation insurance shall be provided to the club prior to commencement of work. All necessary construction permits will be obtained by the contractor. This project is to occur on 16th section land and a letter to Harrison County Building Inspector has been sent from Harrison County School Board and is available from the club project manager. This projects seven drawings and bid proposal sheet cannot reflect all aspects of this construction project, it is the intent of the construction committee and its chairman to work with the wining bidder to obtain a satisfactory completion of the project. CRPC will consider all contractors recommendations which will enhance overall cost, project construction, and completion.

Contract Time

All bids must be received by the closing date indicated in bid sheet. Once all bids have been reviewed, the club will determine if any bidder is to be selected. If a bidder is selected they will be notify within 5 days of the closing bid date. The Contractor will have a notice to proceed with the construction work within 5 days of bid closing date. The work shall be completed by the date provided in the Contractor's bid.

Site Survey and Subsequent Contractual Questions

A site walk has been scheduled for all bidders on 5 June, 2009 at 4:30 PM CST. All bidders are encouraged to attend. All questions from bidders concerning contract specifications shall be made available to all contractors on request. All questions shall be submitted to Chester H. Abbott Phone 875-1079 Cell 324-0352.

Work Periods

The contractor shall not work Saturday or Sunday to complete this project. All construction activities are restricted to Monday through Friday.

Progress Payments

The contractor shall submit with his bid the requirement for progress payments. Progress payments shall not exceed 60% of total cost and shall by site inspection and approval be paid within 5 days of contractors request for payment. Final payment shall occur on project completion.

Scope of Work

The Scope of Work for Phase I – Concrete installation and building construction required in the order listed:

1. Field Layout
2. Ground Preparation – Final Leveling
3. Forming and pouring of Skeet and Trap House Foundations
4. Construction of Skeet houses
5. Forming and pouring of Concrete Walkways and Stations
6. Forming and pouring of Skeet Pavilion slab and walk way.

Note: Concrete to be 3000 PSI at 4 slump. No water will be added on site to concrete mix

1. Field Layout

The field layout for the skeet and trap stations and houses is critical. The contractor shall work with the club project manager “only” to ensure the layout is dimensionally correct prior to the placement of any concrete. All layout work will be reference to a common center line across all 3 skeet fields as shown in drawings. All technical issues and questions shall only be addressed to the club’s project manager or his designee.

2. Ground Preparation

The construction area may require minor grade work to ensure the walkways, stations, and building foundations are level with respect to individual skeet fields. Drawings reflect where grade changes from field to field may occur. Other minor grading work may be required to ensure proper drainage of the skeet and trap field and to ensure that water drains away from walk ways and house locations. The shooting house slabs (4 each 12 x 14’8”) shall be on grade with walk ways and shooting stations. House slabs, shooting stations, and walkways will be 3.5” above grade.

3. Construction of Skeet House Foundations

Four skeet house slabs shall be constructed as shown on the project plans.

Minor grade work may be required. The foundation under the forms shall be hard and true to grade so that the form, when set, will be firmly in contact for its whole length and at the specified grade. After the forms have been set to correct grade, the grade shall be thoroughly tamped, mechanically or by hand.

Formwork for the foundations may be either wood or metal and shall be free of bulges, warps, and loose knots. The forms must provide a smooth consistent finished edge and be sufficiently rigid to prevent distortion due to pressure of the concrete and other loads incidental to the construction operations. The contractor shall procure reinforcement bars and they shall be installed per drawings in a firm mechanical manner. Block to slab dowel pins shall be installed per drawings. The Contractor shall be responsible for placement of the bars. Spacing shall be as specified in drawings and secured to rebar grid. All concrete reinforcement shall held in place in a secure mechanical manner.

Each foundation shall be constructed with one continuous concrete pour. During and immediately after depositing, the concrete shall be consolidated by the use of a mechanical vibrator. Concrete shall have a light broom finish. An edging tool shall be used on edges. The contractor shall use curing compound or other standard methods to cure all concrete.

Contractor shall stub in one and one half inch electrical conduit in front inside left corner of each skeet house to a distance of 3 feet clear of all concrete work. Conduit provided by CRPC.

The house forms shall stay in place for a minimum of 24 hours. When the concrete has set sufficiently, the forms shall be removed, forms back fill dirt shall be graded and the site shall be left in a neat and presentable condition.

4. Construction of Skeet Houses.

Construction of skeet houses shall be in accordance with drawings provided and details defined in this paragraph of bid sheet. The south skeet house of field #3 shall be one story block construction. The roof of skeet house shall be a flat metal roof with metal rafters and 8" of fall toward the back of building. Back of building is identified as the end opposite double door installation. 360 degrees of flashing of the same color and material as the roof shall be installed at the block to roof. The sill plate for one story skeet house shall be installed at the location indicated for second story floor joists. The remaining 3 skeet houses shall be two stories as shown on drawing. All skeet house foundations shall be off set from the base cord reference by a distance of 4 feet. The first of two layers of ¾ inch plywood decking shall be anchored to supporting C8 channel with ¼" by 1.5" flat head metal screws. The head of the screws to secure decking will be flush to 1/16" recessed into the plywood decking. Recessing of screws shall not exceed 3/32 ". Screws shall be spaced at 12 inch intervals along all supporting C8 members. The contractor shall provide 30/70 Steel Doors with steel jams for block construction as indicated on the drawing. The doors shall not be drilled for knobs or locks. The contractor shall provide and install locking hasp using ¼" bolts are larger in a manner which will prevent hasps removed from the outside surface of the door. The hasp shall have a 3/8" hole or larger for a pad lock. One door shall have locking bolts top and bottom installed to the end side of building to secure one of the double doors. The locking bolts shall be installed within 2" of where the doors meet. The door jam assembly shall not have a threshold installed; this is to facilitate the use of pallet jacks for loading of houses with pallets. The second story safety rail shall be removable to facilitate the use of a fork lift to load second story house. Safety railing support sockets shall not be located any closer than 3 feet to the center line of the upper deck.

5. Construction of Concrete Walkways and Stations

This work shall consist of the preparing the sub-grade and constructing the walkways and shooting stations. Once the locations and layout have been established, the contractor shall excavate the required depth for the walkways and stations. The sub-grade shall be a firm, even surface conforming to the lines, grades, and sections shown on the project plans. It shall be free of debris and foreign material

before concrete is placed. Walkways shall have 3/8" fall to the outside of the shooting area with shooting stations being installed level. Formwork for the walkways and stations may be either wood or metal and shall be free of bulges, warps, and loose knots. The forms must provide a smooth consistent finished edge.

Reinforcement in the form of wire mesh will be provided by the contractor. The Contractor shall be responsible for placement of the wire mesh in the forms. Reinforcement mesh shall overlap each other by one foot or greater to maintain a uniform strength and shall be securely fastened at the over laps. A minimum of one inch clearance is required from all formwork. Prior to concrete pouring the Contractor shall ensure that the reinforcement is centered in the concrete and not touching the ground through the use of mechanical stand offs. Stand offs shall not be made of loose materials such as brick, rock, concrete chips, wood or metal which can be dislocated during concrete pouring.

After the concrete has been deposited in place, it shall be consolidated and the surface shall be struck off by means of a strike board and floated with a wooden or cork float. An edging tool shall be used on edges and expansion joints. The surface shall have broom finish which will not be slick when wet. The contractor shall use curing compound or other standard methods to cure all concrete.

Where walkways and shooting stations meet skeet house slabs, there shall be a 1/2" expansion joint installed. The expansion joint shall be filled with a pre-molded expansion joint filler (to be provided by the contractor). The walkways shall be divided into 10 foot sections by dummy joints formed by a jointing tool or other acceptable means. These dummy joints shall extend into the concrete for at least one inch and shall be approximately 1/8 inch wide. Expansion joints shall be installed between the walkway and the building foundations. Expansion joints shall not be placed within 1 foot of shooting stations.

The walkways and shooting station forms shall stay in place for a minimum of 24 hours. When the concrete has set sufficiently, the forms shall be removed, forms back fill dirt shall be graded and the site shall be left in a neat and presentable condition.

6. Construction of Skeet Pavilion Foundation and walk way.

One skeet pavilion slab of 30' by 40' in dimension shall be constructed as shown on the project plans. One walk way 3 feet wide by 4 inches deep from slab foundation to station 4 of the center skeet field shall be installed. The skeet pavilion shall have a 1'x1' footer on its perimeter with a 45 degree slope on internal edge of footer. The footer will have 2 each #4 rebar installed 4" above footer grade. Nine (9) anchor plates for pavilion uprights will be installed during the pour. Anchor plates will be made up of 1/2" steel plates which will reside on top of pavilion slab and have 10" J bolts attached with 1 inch of thread exposed above 1/2 inch steel anchor plate from anchor plate to rebar. The Contractor shall be responsible for placement of #10 wire mesh in the forms. Reinforcement mesh shall overlap each other by one foot or greater to maintain a uniform strength and shall be securely fastened at the over laps. A minimum of

one inch clearance is required from all formwork. Prior to concrete pouring the Contractor shall ensure that the reinforcement is centered in the concrete and not touching the ground through the use of mechanical stand offs. Stand offs shall not be made of loose materials such as brick, rock, concrete chips, wood or metal which can be dislocated during concrete pouring. This phase of the work shall consist of the foundation work only. The foundations shall be constructed as shown on the project plans. The concrete will have a light broom finish. The club shall furnish the concrete.

Minor grade work may be required. The foundation under the forms shall be hard and true to grade so that the form, when set, will be firmly in contact for its whole length and at the specified grade. After the forms have been set to correct grade, the grade shall be thoroughly tamped, mechanically or by hand, at both the inside and outside edges of the base of the forms.

Formwork for the foundations may be either wood or metal and shall be free of bulges, warps, and loose knots. The forms must provide a smooth consistent finished edge and be sufficiently rigid to prevent distortion due to pressure of the concrete and other loads incidental to the construction operations.

Each foundation shall be constructed with one continuous concrete pour. During and immediately after depositing, the concrete shall be consolidated by the use of a mechanical vibrator.

An edging tool shall be used on edges and expansion joints. The surface shall have a course broom finish. Finish to provide granular or matte texture which will not be slick when wet. The contractor shall use curing compound or other standard methods to cure all concrete.

The forms shall stay in place for a minimum of 24 hours. When the concrete has set sufficiently, the forms shall be removed, forms back fill dirt shall be graded and the site shall be left in a neat and presentable condition.

Gulf Coast Rifle and Pistol Club

Bid Sheet

Company Name _____

Address _____

Contact Person and Phone Number _____

Signature of bidder or his representative _____

Was deviations recommended by contractor. Yes No (Please check one.)

Is this company licensed and bonded to perform work in the State of Mississippi yes no

Does this company have workman's compensation insurance yes no

If yes, name of Workman's Compensation Insurance Company _____

Bid price to complete all work shown and described in the project plans, this is to include all materials and all labor, taxes, overhead, and all other incidental costs. This bid price will constitute a lump sum price to complete the intended concrete work.

\$ _____

Progress payment and work description for progress provided by contractor. 1st Payment amount \$ _____, 2nd Payment amount \$ _____, Final Payment _____.

Any deviation from CRPC provided drawings will be documented and submitted with bid.

All bids must be received by the Club's point of contact listed below by 5:00 pm on June 12 , 2009 in written or electronic format pdf format. The contractor may call and verify bid has been received. The Club will review all submittals and notify the successful bidder by 5:00 pm on June 15th , 2009.

Contractor's Proposed Start Date for this Phase of Work _____

Contractor's Proposed Completion Date for this Phase of Work _____

Bids to be submitted in writing or electronic pdf format to: Gulf Coast Rifle and Pistol Club Attn: Chester Abbott, 606 Dogwood Road , Ocean Springs, MS 39564, e-mail " cabbott@ah-technologies.com

**Comments, Progress Payment Discription and Requested deviation
and its detailed description sheet**