

LEE COUNTY FIRE DEPARTMENT, SC

REQUEST FOR PROPOSALS

(RFP 2013-006)

STATION 10 BUILDING

## **SPECIFICATIONS**

**August 30, 2013**

One (1) 45' X 75' X 16' post frame structure with steel roof and walls to include the following:

Insulation roof and walls, three (3) 14' x 14' overhead doors, two (2) 3' x 6'8" solid walk doors, three (3) 2'8" x 4'4" double pane windows, 75' of 3' finished overhang on front eave, and 3600sq.ft. of 6" concrete floor- 45' x 75' building plus 5' x 75' sidewalk in front of building.

### **I. GENERAL**

- A. Lee County Fire Department in the County of Lee has the legal right to build on the property involved and zone compliance with the type of occupancy proposed.
- B. All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from the specifications involving extra cost will be executed only upon written orders and will become an extra charge over and above the contract. All agreements are contingent upon strikes, accidents or delays beyond any construction.
- C. Contractor will carry Liability Insurance and Workman's Compensation. Builders Risk Insurance will remain the Owner's responsibility. Certification of Insurance will be issued prior to the start of any construction.
- D. The Contractor shall exercise every precaution to prevent injury to persons or damage to property while performing his work.

### **II. Site Work**

- A. The building area will be prepared by The County of Lee for placement of the building concrete floor system, which includes clearing, stripping, shaping, placement of fill if required, compaction, and rough grading to +/- one (1) inch.
- B. Any other site work, i.e., paving, landscaping, etc., will remain the responsibility of the County of Lee.

### **III. FRAMING**

- A. The design building will be a wood frame structure with single ply clear span roof trusses. The building is designed in accordance with the latest edition of the International Building Code Congress. Basic design loads will include live wind and dead loads. Framed openings will be designed to structurally replace the wall covering and framing they displace.

### III. FRAMING CONT'D.

- B. Exterior steel siding and roofing will be in two colors with a thirty- (30) year limited warranty by the manufacturer on the steel. Steel siding and roofing will be cold rolled steel with a baked on finish. All steel siding, top and bottom is painted unless otherwise specified. All fasteners are color coded to match panels.
- C. For the foundation, 4 x 6 or 6 x 6 #2 yellow pine, treated with CCA to a .6 lb. pcf. Retention (tested by American Wood Preservers for in-ground contact) is used. Posts are set 4' in the ground on a 5 x 12 pre-cast concrete pad. 2x8 CCA treated boards are set on the ground at perimeter of building to secure metal to.
- D. Girts are to be 2" x 6" x 10' #2 Southern Yellow Pine or better, spaced 30" on center or as code requires. Girts are not treated.
- E. Purlins are to be 2" x 6" x 10' Southern Yellow Pine or better. Purlins are set 30" on center on edge in between trusses using JP-26D Kant-Sag Hangers. Purlins are not treated.
- F. Trusses, as per Eagle engineering of manufactured truss components, are 4/12 pitch and set 10' on center with 25 lb. per square foot roof load. Clear span as required.
- G. Flashing, closures, and/or trim will be furnished at the rake (end), eaves (sides), corners, framed openings, and wherever necessary to provide weather-tightness and a finished appearance.
- H. Insulation, where specified, will consist of two (2) inch thick, 0.6 lb. Density fiberglass blanket insulation with a white 4 mil vinyl facing having an Underwriters Laboratory approved flame spread rating of 25.

### IV. CONCRETE

- A. The floor will consist of a 6" thick reinforced concrete slab as per plan.
- B. Reinforcing within the floor slab will be fiber mesh with rebar and or concrete wire in the truck bays.
- C. Floor slab will have a machine trowelled smooth finish.

### IV. DOORS

- A. Walk doors (2) will be pre-hung steel clad doors and a standard keyed lockset, with a polyurethane foam core. Doors will be painted white.
- B. Overhead doors, where required, will be standard 24 gauge sectional steel prefinished doors with lock or as specified with power door opener.