

COLQUITT COUNTY BOARD OF COMMISSIONERS

101 East Central Avenue

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September 6, 2022

INVITATION TO BID

RE: Ag Storage Building

COLQUITT COUNTY is accepting sealed bids for the erection of a metal storage building behind the Ag Building.

All potential bidders MUST attend a mandatory pre-bid meeting on September 22 at 10:00 am. The pre-bid meeting will be at the Ag Building at 350 Veterans Parkway, Moultrie, GA.

The bid packet is available at the Purchasing office at the Colquitt County Annex, 101 East Central Ave, room 206 or can be accessed on the Colquitt County web site at www.ccboc.com/departments/purchasing and refer to the Bid and RFP List to download this packet.

Sealed bids will be accepted in the office of the County Purchasing Agent, 101 East Central Avenue, Suite 206, Moultrie GA 31768 (PO Box 517, Moultrie GA 31776-0517), until **Monday, October 10, 2022 at 2:00 p.m.** at which time they will be publicly opened and read aloud. Bids must be in a sealed envelope **plainly marked in the lower left corner “Sealed Bid Ag Storage Building”**. It is the bidder's responsibility to have all bids turned in by the called time. No bids will be accepted after the called time. No bids may be withdrawn for a period of thirty (30) days after the called time. The Colquitt County Board of Commissioners reserves the right to accept or reject any or all bids and to waive all formalities.

Any and all questions are to be directed to:

Lena Mercer, County Purchasing Agent at 229-616- 7087 or lmercer@ccboc.com or

Mac Lawson, Maintenance Superintendent at 229-616-7469 or maclawson@ccboc.com.

Thank you for your interest in doing business with Colquitt County.

Sincerely,

Lena Mercer
Purchasing Agent

Specifications are as follows:

1. Metal structure with concrete foundation
2. Roof and wall panels to be 26ga.
3. Roof to be minimum 4:12 pitch with molded ridge cap
4. Minimum eave height from finished slab elevation will be 12ft.
5. Gutter and downspouts provided and installed by contractor, color to match Ag Building
6. Rough measurements 30' W X 30' L
7. Two 12'W X 10'H commercial rollup doors with chains and hangers for lockout
8. Two 3-0 x 7-0 commercial steel personnel doors
9. Provide shop drawings with specifications for columns, framework, trusses, and piers
10. All steel (red iron) construction
11. Alternate bid (see bid sheet) - pricing with other materials
12. Foundation to be minimum 4" thick and plans to be designed and provided by metal building supplier
13. Colquitt County will supply any soil needed to complete the job, but leveling and compaction will be the contractor's responsibility
14. 3" vinyl backed insulation in roof and walls
15. Colors to match Ag Building (closest match possible)
16. Approximate location is attached but may change
17. Use documents provided to design metal structure
18. Provide As Built plans when project is completed
19. Any materials or equipment needed will be the responsibility of the contractor
20. Must provide warranty details
21. Must abide by OSHA guidelines concerning installation and safety
22. All permits will be the responsibility of the contractor
23. Present proof of 5 previous jobs of the same scope
24. Must have 5 years of experience
25. Disposal of any debris shall be the responsibility of the contractor. Perform disposal in manner complying with all applicable federal, state, and local regulations
26. All material must be installed per manufacturer's specifications
27. Locates will be the responsibility of the contractor
28. Mandatory site pre-bid visit required to participate in bid process

Requirements:

- Workers comp
- E-Verify
- Licensed and insured
- Minimum 5 years of experience installing metal building system or like structure
- Must clear background check

PART 1.0 - GENERAL

1.1 SECTION INCLUDES

- A. Structural steel main building frames and secondary framing including purlins and girts, engineered, and fabricated by the building systems supplier
- B. Insulated steel wall and roof system

1.2 REFERENCES

- A. AISI - Specification for the Design of Cold-Formed Steel Structural Members – Latest edition
- B. AISC - Specification for Structural Steel Buildings – Latest edition
- C. AISC - Steel Design Guide Series 3 - Serviceability Design Considerations for Low-Rise Buildings
- D. AWS D1.1- Structural Welding Code - Steel
- E. AWS D1.3 - Structural Welding Code - Sheet Steel
- F. MBMA Low Rise Building Systems Manual - Latest edition
- G. SSPC (Steel Structures Painting Council) - SP-2 - Specification for Hand Tool Cleaning

1.3 SYSTEM DESCRIPTION

- A. Clear span rigid frame
- B. 10'-0" minimum height clearance at each bay from base of column to bottom of header
- C. Bay spacing as shown on drawings
- D. Primary Framing: Rigid frame of rafter beams and columns, end wall columns
- E. Secondary Framing: Purlins, girts, eave struts, flange bracing, and other items detailed
- F. Lateral Bracing: Horizontal loads not resisted by main frame action shall be resisted by rod and/or cable x-bracing in the sidewall and in the end wall. Cable and/or rod x-bracing in the roof
- G. Wall and Roof System: Preformed steel panels, and accessory components
- H. Roof Slope 4 in 12

1.4 DESIGN REQUIREMENTS

- A. The building shall be designed by the manufacturer as a complete system. All components of the system shall be supplied by the same manufacturer
- B. Design Code: All design loads shall be proportioned and applied in accordance with the International Building Code 2012 Edition with Georgia State Amendments
- C. Dead Loads: The dead load shall be the weight of the Metal Building System as determined by the system manufacturer
- D. Collateral Loads: The collateral loads shall be 4 psf or as shown on the contract drawings. Collateral loads shall not be applied to the roof panels
- E. Deflection requirements shall be in accordance with the applicable provisions of the AISC Steel Design Guide Series 3 - Serviceability Design Considerations for Low-Rise Buildings and the specified building code

1.5 SUBMITTALS

- A. Product Data: Provide data on profiles, component dimensions, fasteners, and color selection
- B. Shop or Erection Drawings: Indicate assembly dimensions, locations of structural members, connections, attachments, openings, cambers, loads, wall and roof system dimensions, panel layout, general construction details, anchorages, and method of anchorage, framing and anchor bolt wettings, sizes, and locations from datum, and indicate field welded connections with AWS A2.4 welding symbols and net weld length

1.6 QUALITY ASSURANCE

- A. Fabricate structural steel members in accordance with MBMA Low Rise Building Systems Manual, and, for items not covered, AISC - Specification for Structural Steel for Buildings

1.7 QUALIFICATIONS

- A. Manufacturer: The company manufacturing the products specified in this Section shall have a minimum of 5 years of experience in the manufacturing of steel building systems
- B. Erector shall have specialized experience in the erection of steel building systems for a period of at least 5 years

1.8 FIELD MEASUREMENTS

- A. Metal building contractor shall verify that field measurements are as indicated on contract drawings

1.9 WARRANTY

- A. Building manufacturer shall provide manufacturer's standard material warranty
- B. Metal building contractor shall provide a workmanship warranty of 1 year from install

1.10 ADMINISTRATION

- A. All nomenclature shall conform to the MBMA Low Rise Building Systems Manual
- B. Coordination and administration of the work shall be in accordance with the MBMA Low Rise Building Systems Manual - Common Industry Practices

PART 2: PRODUCTS

2.1 MATERIALS

Basic Materials: Except as otherwise specified or indicated on the Drawings, building components and assemblies shall be fabricated from the following applicable materials as required to produce units conforming to the design and types of fabrications required for the building

1. Structural Steel Members: ASTM A36, A529 or A572 except as otherwise indicated
2. Cold-Rolled Structural Steel: ASTM A446, Grade A except higher strength grade if needed to comply with design criteria
3. Cold-Formed Structural Steel: ASTM A1011 SS GR 55
4. Structural Steel Tubing: ASTM A500, Grade B or A501
5. Steel Plate and Bar Stock: ASTM A529 or A572
6. Steel Pipe: ASTM A53, type and weight as required, Grade B
7. Anchor Bolts and Tie Rods: ASTM A36 or A675, Grade 70
8. Clevises, Turnbuckles, and Sleeve Nuts: The safe working loads shall be adequate for the building furnished
9. High Strength Bolts: ASTM A325
10. Common (Standard) Bolts: ASTM A307

2.2 MATERIALS - ROOF SYSTEM

- A. Screw down 26-gauge Metal
- B. Fasteners: Manufacturer's standard type, finish to match adjacent surfaces when exterior exposed. Size to maintain load and weather tightness requirements
- C. Exterior Surfaces of Roof Panels: Pre-coated steel finish as selected from manufacturer's standard range
- D. Interior Surfaces of Roof Panels: Pre-coated steel as selected from manufacturer's standard range

2.3 MATERIALS - WALL SYSTEMS

- A. Siding: Minimum 26-gauge lapped edges. B Closures: Manufacturer's standard type
- C. Fasteners: Manufacturer's standard type, finish to match adjacent surfaces when exterior exposed. Size to maintain load and weather tightness requirements
- D. Exterior Surfaces of Wall Panels: Pre-coated steel finish as selected from manufacturer's standard range
- H. Interior Surfaces of Wall Panels: Pre-coated steel of finish as selected from manufacturer's standard range

2.4 MATERIALS - TRIM

- A. Flashings, Internal and External Corners, Closure Pieces, Fascia, Infills, Caps: Same material and finish as adjacent material, profile to suit system

FABRICATION - PRIMARY FRAMING

- A. Framing Members: Clean in accordance with SSPC-SP2, prepare, and coat with building manufacturer's standard primer
- B. Hot rolled members shall be fabricated in accordance with AISC Specification for pipe, tube, and rolled structural shapes
- C. Fabricate built-up members in accordance with MBMA Low Rise Building Systems Manual, Common Industry Practice

2.5 FABRICATION - WALL AND ROOF FRAMING

- A. Framing Members: Clean in accordance with SSPC-SP2, prepare, and coat with building manufacturer's standard primer
- B. Cold Formed Members: Cold formed structural shapes shall be fabricated in accordance with MBMA Low Rise Building Systems Manual, Common Industry Practices

PART 3: EXECUTION

3.1 EXAMINATION

- A. Verify that piers and placed anchors are in correct position
- B. Provide access to the work as scheduled for owner provided inspections, if required. The cost of any required inspections is the responsibility of the owner

3.2 ERECTION - FRAMING

- A. Erect framing in accordance with MBMA Low Rise Building Systems Manual, Common Industry Practices
- B. The erector shall furnish temporary guys and bracing where needed for squaring, plumbing, and securing the structural framing against loads, such as wind loads acting on the exposed framing and seismic forces, as well as loads due to erection equipment and erection operation, but not including loads resulting from the performance of work by others. Bracing furnished by the manufacturer for the metal building system cannot be assumed to be adequate during erection. The temporary guys, braces, falseworks, and cribbing are the property of the erector, and the erector shall remove them immediately upon completion of erection
- C. Do not field cut or alter structural members without approval of the metal building manufacturer
- D. After erection, prime welds, abrasions, and surfaces that were not shop primed

3.3 ERECTION - WALL AND ROOFING SYSTEMS

- A. Install in accordance with manufacturer's instructions
- B. Exercise care when cutting prefinished material to ensure cuttings do not remain on finish surface
- C. Fasten cladding system to structural supports, aligned level and plumb

3.4 TOLERANCES

- A. All work shall be performed in a workmanlike manner
- B. Install Framing in accordance with MBMA Low Rise Building Systems Manual, Common Industry Practice

Colquitt County Government

Ag Storage Building

Bid sheet

Bid on (red iron) materials and labor for Ag Storage Bldg. \$ _____

We can begin (approximately) _____
DATE

Should be complete _____
DATE

Alternate Bid (other) materials and labor for Ag Storage Bldg. \$ _____

We can begin (approximately) _____
DATE

Should be complete _____
DATE

E-Verify Company ID Number _____ Have you included Proof of the following items:

_____ Licensed and insured

_____ Must provide proof of workers comp

_____ Must clear background check

Vendor Information

AUTHORIZED PERSON PRINT OR TYPE

SIGNATURE AND TITLE

COMPANY NAME

SIGNATURE / TITLE

MAILING ADDRESS

CONTACT PERSON AND EMAIL ADDRESS

DATE AND TELEPHONE NUMBER



