

ADDENDUM NO. 2

Date: January 3, 2017

**PROJECT: PELAHATCHIE FEMA 361 COMMUNITY SAFE ROOM
HAZARD MITIGATION GRANT
PROGRAM PROJECT #1604-0513
PELAHATCHIE, MISSISSIPPI**

BID DATE: JANUARY 6, 2017; 10:00 A.M.

**ARCHITECT: SINGLETON ARCHITECTS, P.A.
1635 Lelia Drive, Suite 200
Jackson, Mississippi 39216
Phone: 601-981-2363/Fax: 601-981-2388**

NOTE TO BIDDERS: This Addendum, consisting of two pages and two attachments, is hereby made part of the Contract Documents. Wherever the original Contract Documents are inconsistent herewith, provisions of the Addendum will govern.

SPECIFICATIONS:

1. **SECTION 00300 - PROPOSAL FORM; ADDENDUM #1:** The proposal form has been revised to include space to provide a unit cost for excavation of weak soils and replacement with compacted fill. See attached revised Proposal Form.
2. **TESTING SERVICES:** All testing services (i.e. soil, concrete, masonry, auger cast, etc.) will be the responsibility of the contractor and will be included in the construction contract.
3. **SECTION 08111 - HOLLOW METAL DOORS AND FRAMES:** Delete in its entirety Section 08111 bound in the Specifications, and replace with **SECTION 08110 - HOLLOW METAL DOORS AND FRAMES**, attached hereto.
4. **SECTION 09510 - ACOUSTICAL CEILINGS:** Remove Paragraph 2.02 Ceiling Panels and Paragraph 2.03 Metal Suspension Systems in their entirety, and replace with the following:
 - 2.02 Ceiling Panels: Equal to Armstrong Co. #534, 24" x 24" x 7/8" moisture resistant, Class A, lay-in acoustical panels.
 - 2.03 Metal Suspension System: Equal to Armstrong Co. AL Prelude Plus, environmental 15/16" reveal, all-aluminum, 24" x 24" grid.

DRAWINGS:

1. **SHEET A1.1:** For clarification, millwork indicated by detail symbols 2/A3.1 and 3/A3.1 is part of this contract. All other equipment and shelving indicated in Storage 103 and Distribution 104, including items 1,2,3,4,5,6, & 7, is to be the responsibility of the Owner and is not included in this contract.
2. **SHEET A2.1:** Remove reference to "view portals". They are not included in this contract.

END OF ADDENDUM

By: Larry Singleton, A.I.A. President
SINGLETON ARCHITECTS, P.A.

SECTION 00300 - PROPOSAL FORM

Date: _____

PROPOSAL OF:

Name: _____

Address: _____

hereinafter called "Bidder", a(n)

____ Corporation organized and existing under laws of the state of _____

____ Partnership doing business as _____

____ Individual doing business as _____

(Note: Check one of the above and insert applicable information.)

This Proposal made to TOWN OF PELAHATCHIE, MISSISSIPPI, hereinafter called "Owner".
The Bidder, in compliance with your invitation for bids for the complete construction of:

**PELAHATCHIE FEMA 361 COMMUNITY SAFE ROOM
HAZARD MITIGATION GRANT PROGRAM PROJECT #1604-0513
PELAHATCHIE, MISSISSIPPI**

hereinafter called "Project,"and having examined the Drawings, Specifications, and other related documents, and being familiar with all conditions surrounding the construction of the Project, including the site conditions, the Contract Documents, and the availability of materials and labor, hereby proposes to furnish all material, labor, equipment and knowledge required to construct this project in accordance with all Contract Documents, within the time and at the prices hereinafter stated, said prices to cover all expenses incurred in performing the work required by said documents of which this proposal is a part.

Bidders agree to commence work on or before a date to be specified in a written Notice to Proceed and to fully complete the Project within two hundred (200) consecutive calendar days thereafter.

Acknowledgement of Addenda:

Number	Date	Number	Date	Number	Date
_____	_____	_____	_____	_____	_____

The Bidder agrees to perform the work described in the Contract Documents for the following sums: (Note: Show amounts in words and figures; amount in words will govern in case of discrepancy.)

BASE BID: Complete construction of FEMA 361 Community Safe Room for the Town of Pelahatchie, Mississippi, as detailed in the plans and project manual dated December 14, 2015, and all Addenda:

(\$ _____) DOLLARS.

UNIT PRICE: For typical augered-pressure grouted pile, cost or credit amount per foot for shaft installation, materials, etc., beyond the base bid 45'-0" pile depth. Bidder to indicate cost (+) or credit (-).

(\$ _____) dollars per foot.

UNIT PRICE: Per cubic yard price for excavation of weak soils and replacement with compacted fill.

(\$ _____) dollars per c.y.

Bidder understands that Owner reserves the right to reject any and all bids and waive any informalities in the bidding. Bidder agrees that this bid shall be good and may not be withdrawn for a period of one hundred twenty (120) days after bids are opened. Upon receipt of written notice of acceptance of his bid, the Bidder agrees to execute the contract forms and contract bond and deliver to Architect within 10 days thereafter.

Bid security attached in the amount of five percent of Base Bid, is to become property of the Owner in the event the contract and contract bond are not executed within the specified time as liquidated damages for delay and additional expense caused thereby.

List Mechanical and Electrical Contractors & Certificate of Responsibility Numbers if over \$50,000.00:

Mechanical Sub-Contractor: _____ Certificate #: _____

Electrical Sub-Contractor: _____ Certificate #: _____

RESPECTFULLY SUBMITTED:

(Company Name) Certificate of Responsibility No. _____

(Signature of Authorized Representative)

(Authorized Rep's Name and Title)

SEAL, IF BY A CORPORATION

(Business Address)

(Phone/Fax Numbers)

SECTION 08110 - HOLLOW METAL DOORS AND FRAMES

PART 1 - GENERAL

1.01 Scope:

- A. The Contractor shall furnish all labor, materials, tools, equipment, and perform all work and services necessary for or incidental to the furnishing and installation, complete, of hollow metal doors and frames as shown on drawings and as specified in accordance with provisions of the contract documents and completely coordinated with that of all trades.
- B. Although such work is not specifically shown or specified, all supplementary or miscellaneous items, appurtenances and devices incidental to or necessary for a sound, secure and complete installation shall be furnished and installed as part of this work.

1.03 Shop Drawings and General Notes:

- A. Submit shop drawings of all items herein to architect for approval. Obtain approval of drawings prior to proceeding with manufacturing. Submit shop drawings as specified in Section 01200 - Shop Drawings and Samples. Provide manufacturer's specifications and other data needed to prove compliance with the specifications. Shop drawings shall show details of each frame type, details of each opening, details of construction, installation and anchorage, location and installation requirements of finish hardware and reinforcements, and details of joints and connections. Show all accessory items.
- B. All rated doors to comply with Underwriters Laboratories specifications and to comply with Life Safety Code Restrictions.
- C. General Contractor shall expedite all shop and fabrication drawings, including necessary review, so as to prevent unnecessary delay of the work.

PART 2 - PRODUCTS

2.01 Materials:

- A. Hot-Rolled Steel Sheets and Strips: Commercial quality carbon steel, pickled and oiled, complying with ASTM A569 and ASTM A568.
- B. Cold-Rolled Steel Sheets: Commercial quality carbon steel, Type E, matte finish, complying with ASTM A366 and ASTM A568. Provide stretcher-leveled standard of flatness.
- C. Galvanized Steel Sheets: Zinc-coated carbon steel sheets of commercial quality, complying with ASTM A526, with 1.25 oz. Commercial zinc coating, mill phosphatized, complying with ASTM A525. Provide stretcher-leveled standard of flatness.
- D. Supports and Anchors: Provide units fabricated of not less than 16 gauge sheet steel. Galvanize after fabrication where units will be built into exterior walls, complying with ASTM A153, Class B.
- E. Inserts, Bolts, and Fasteners: Provide manufacturers standard units, except hot-dip galvanize all items to be built into exterior walls, complying with ASTM A153.
- F. Shop-Applied Paint: Provide a rust-inhibitive enamel or paint, either air-drying or baking, suitable as a base for specified finish paints, complying with FS TT-P-57 (Type II), TT-P-664. Paint galvanized surfaces with zinc dust-zinc oxide prime paint, complying with FS TT-P-641 (Type II). Paint steel surfaces, other than items integrally welded to hollow metal work; material complying with FS TT-P-86 or SSPC-Paint 2.

2.02 Materials - Specific

A. STANDARD STEEL DOORS:

1. Flush Panel Doors: 1-3/4" thickness, 18 gauge, cold-rolled steel.
 - a. Lock-edge: full height 14 gauge channel
 - b. Hinge-edge: full height 11 gauge channel
 - c. Top and Bottom: flush 16 gauge channel
 - d. Core: polystyrene core
 - e. Finish: Provide with rust-inhibitive primer.

A. PRESSED STEEL FRAMES

1. Contractor shall furnish steel frames in accordance with the details on the drawings. It shall be combined buck and trim construction, unless otherwise shown. Frames, casings, and trim shall be made of furniture steel, with all joints welded and ground to an even finish. Reinforce plates in jambs shall be of 12 gauge. All necessary back plates shall be provided for reception of hardware.
2. Provide not less than 16 ga. steel frames throughout.
3. Provide factory welded unit type frames having corners mitered and welded or coped, butted and welded. Secure headers and jambs at corners either by internal welding of faces or by welded splice plates. Corner joints shall be further secured at rabbet by welding. Faces of frames at corners shall finish in same plane, and all joints including stop joints, shall be welding with welds dressed smooth. Faces of other adjacent surfaces shall finish in same plane. Finished surfaces and joints shall be completely free of all defects.
4. Reinforce, drill, tap and otherwise properly prepare frames to receive hardware. Reinforcing shall be not less than No. 8 gauge for butts, No. 11 gauge for strikes and as appropriate for surface attached items. Weld reinforcing securely in place.
5. Furnish 1/2"x 3/4" lose steel stops secured with countersunk Phillips head machine screws for field installation for all hollow metal window and sidelight frames.
6. Except where masonry, steel, or concrete lintels are indicated, heads of frames shall be adequately reinforced.
7. Furnish frames with not less than four adjustable anchors for each jamb. Anchors shall be of type appropriate for the wall construction in which frame shall be mounted. Provide each frame with clip angles at bottom of each jamb for floor anchorage. Provide each with removable spreaders at bottom and mid-height of frame. Spreader shall remain in place until wall construction is completed.
8. Plaster Guards: Provide 26 ga. steel plaster guards or mortar boxes, welded to frame, at back of finish hardware cutouts where mortar or other materials might obstruct hardware operation.

2.03 Manufacturer:

- A. Provide standard steel frames by a single firm specializing in production of this type of work. Provide metal doors and frames by one of the following:
- Ceco Corp.
 - Dittco Products Div.
 - Fenestra
 - Republic Builders Prod. Corp.

2.04 Lights

- A. Prepare for glass lights, where shown on drawings. Light openings shall have integral stops from interior face of doors. Light openings shall have integral stops on exterior face and screwless snap in stops secured with countersunk Phillips head machine screws on interior face only.

2.05 Shop Painting

- A. Apply a prime finish to all ferrous metal surfaces furnished under this section. Clean and chemically treat metal surfaces to assure maximum paint adherence; follow with a drip or spray coat of rust-inhibitive metallic oxide, zinc chromate, or synthetic resin primer on all exposed surfaces. Finished surfaces shall be smooth and free from irregularities and rough spots. Paint shall be baked or oven dried. The time and temperature for drying shall be in accordance with manufacturer's recommendations for developing maximum hardness and resistance to abrasion.

2.06 Fire Rated Doors and Frames

- A. UL Labeled Doors and Frames
 - 1. Provide UL Label for door and/or frames where scheduled; do not paint over labels. Door openings designated as A, B, C, or 20-minute labeled shall be fire-resistant frames.
 - 2. Labeled hollow metal doors shall be 3 hour rated flush type, non-asbestos mineral core.
- B. Unlabeled Door Frames:
 - 1. Doors not shown as fire rated may be standard frames as specified.

PART 3 - WORKMANSHIP

3.01 Installation, Insulation, and Workmanship:

- A. Sizes and Shapes: Provide doors and frames of sizes and shapes indicated. Except as otherwise indicated, door clearances shall be not more than the following: 3/32" at jams and heads, 1/8" at meetings stiles of pairs of doors, and 3/4" at bottom or as standard with manufacturer. UL fire rated doors shall have clearance to meet UL requirements.
- B. Measurements: Verify all measurements at building site and be responsible for dimensions, fittings and proper attachment of items connected with frame and door installation.
- C. Fabricate hollow metal units to rigid, neat in appearance and free from defects, accurately formed to the required sizes and profiles. Wherever practicable, fit and assemble units in the manufacturer's plant. Clearly identify work that cannot be permanently assembled at the project site. Dress all welded joints on exposed surfaces flush and smooth, to be invisible when prime painted. Use of metallic filler to conceal manufacturing defects not acceptable.
- D. Prepare units at the factory to receive mortised and concealed finish hardware, including cutouts, reinforcing, drilling and tapping. Comply with applicable requirements of A.N.S.I. A115 "Specifications for Door and Frame Preparation." Prepare for other mortised and concealed finish hardware to the templates of the manufacturer of each finish hardware item required in the work. Reinforce hollow metal units at factory to receive surface-applied hardware. Drilling and tapping for surface-applied finish hardware may be done on site.
- E. Unless otherwise shown, locate hardware in connection with metal bucks and trim and hollow metal doors as follows: Center door knobs 38" above finished floor. Center door pulls 40" and push plates 45" above finished floor. Center cylinder deadlocks 52" above finished floor. Center single push bars 48" above finished floor. (Coordinate with ADA/ANSI.)
- F. Locate upper edge of top hinge 5" below head of frame, locate lower edge of bottom hinge 10" above finished floor, space center hinges equal distance between top and bottom hinges.
- G. Provide weather stripping and drip cap for exterior doors.

Clean, treat and paint all surfaces of fabricated hollow metal units, including galvanized surfaces, whether concealed or exposed in the finish work.

- H. Clean steel surfaces of all mill scale, rust, oil, grease, dirt and other foreign materials before the application of the shop coat of paint. Remove mill scale and rust by hand tool methods complying with SSPC-SP 2, and solvent clean all metal complying with SSPC-SP
- I. Apply pretreatment to cleaned metal surfaces, using cold phosphate solution (SSPC-PT-2), hot phosphate solution (SSPC-PT-4) or basic zinc chromate-vinyl butyral solution (SSPC-PT-3).
- J. Apply shop coat of prime paint within the time limits recommended by the pretreatment manufacturer. Apply a smooth coat of even consistency to provide a uniform dry film thickness of not less than 2.0 mils.
- K. Install frames plumb, rigid, in true alignment and secure to retain their position and proper clearance during construction.
- L. Fill frames in masonry or concrete walls with mortar grout as wall is laid up. Fill frames in plastered walls with plaster grout.
- M. Rigidly secure and anchor frames to adjacent construction using appropriate anchors. Secure frames set in masonry construction with not less than 3 anchors per jamb and two sill anchors. Secure frames set in stud walls with not less than 4 anchors per jamb.
- N. Contractor shall execute all work in accordance with the best practice, and quality of workmanship shall be of the highest. He shall do all cutting, punching, forming, mitering and other similar work to accurate measurements. As the work progresses, any defects that develop during the manufacturing operations shall be removed.
- O. The finished work in all cases shall be neat in appearance and free from defects. All surfaces shall be smooth and free from warps and buckles; all molded members shall be clean-cut, straight and true; all miters shall be well formed and in true alignment. All welded joints shall be neatly made and ground flush.
- P. All steel work shall be thoroughly protected from rust during fabrication and until finished. All concealed surfaces of steel shall be cleaned, removing all foreign matter, and shall be painted as hereinabove specified.
- Q. Protection: Ship, deliver and store frames with spreaders and bracing in place. Protect doors and frames from damage during transportation and at the job site; store at the site under cover on wood blocking or on suitable floor. Store frames and doors under cover, completely protected from weather. While storing, care should be taken to avoid creating a humidity chamber by using a plastic or canvas shelter and venting area covered. After installation, protect doors and frames from damage during subsequent construction activities. Damaged work will be rejected and shall be replaced with new work.
- R. NOTE: Prior to installation, all steel door frames shall be back primed with a rust inhibitive primer. All door frames shall be grouted.
- S. IMPORTANT: Contractor to hold a keying and hardware conference with Owner and Architect prior to ordering any door frames, doors or hardware.

END OF SECTION