

**SECTION 905 -- PROPOSAL (CONTINUED)**

I (We) further propose to execute the attached contract agreement (Section 902) as soon as the work is awarded to me (us), and to begin and complete the work within the time limit(s) provided for in the Specifications and Advertisement. I (We) also propose to execute the attached contract bond (Section 903) in an amount not less than one hundred (100) percent of the total of my (our) part, but also to guarantee the excellence of both workmanship and materials until the work is finally accepted.

I (We) enclose a certified check, cashier's check or bid bond for **five percent (5%) of total bid** and hereby agree that in case of my (our) failure to execute the contract and furnish bond within Ten (10) days after notice of award, the amount of this check (bid bond) will be forfeited to the State of Mississippi as liquidated damages arising out of my (our) failure to execute the contract as proposed. It is understood that in case I am (we are) not awarded the work, the check will be returned as provided in the Specifications.

Bidder acknowledges receipt of and has added to and made a part of the proposal and contract documents the following addendum (addenda):

ADDENDUM NO.   1   DATED   1/15/2013   ADDENDUM NO.            DATED             
 ADDENDUM NO.            DATED            ADDENDUM NO.            DATED           

Number	Description
1	Revised Table of Contents with same; Add Notice To Bidders Nos. 4286 and 4287; Revised Sections 00 01 10, 00 22 13, 00 91 13, 01 29 00, 01 62 14, 10 14 00, & 10 21 17 of SP 907-242-26 with same; Added Section 27 13 00 of SP 907-242-26; BidItems, replaces same; Revised or Added Plan Sheet Nos. 2, 3, 5, 13, 36, 37, 85, 86, 89, 94, &95; Amendment EBS Download Required.

TOTAL ADDENDA:   1    
 (Must agree with total addenda issued prior to opening of bids)

Respectfully Submitted,

DATE \_\_\_\_\_  
 \_\_\_\_\_  
 Contractor

BY \_\_\_\_\_  
 Signature

TITLE \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_

PHONE \_\_\_\_\_

FAX \_\_\_\_\_

E-MAIL \_\_\_\_\_

(To be filled in if a corporation)

Our corporation is chartered under the Laws of the State of \_\_\_\_\_ and the names, titles and business addresses of the executives are as follows:

_____ President	_____ Address
_____ Secretary	_____ Address
_____ Treasurer	_____ Address

The following is my (our) itemized proposal.

BWO-6208-24(001) / 502085301 & 302      Harrison County(ies)

# MISSISSIPPI DEPARTMENT OF TRANSPORTATION

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**PROJECT: BWO-6208-24(001) / 502085301 & 302 – Harrison County**

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SECTION 905 - PROPOSAL,  
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COMBINATION BID PROPOSAL,  
STATE BOARD OF CONTRACTORS REQUIREMENTS,  
CERTIFICATION REGARDING NON-COLLUSION, DEBARMENT AND SUSPENSION,  
SECTION 902 - CONTRACT FORM, AND SECTION 903 - CONTRACT BOND FORM,

(REVISIONS TO THE ABOVE WILL BE INDICATED ON THE SECOND SHEET  
OF SECTION 905 AS ADDENDA)

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION**

**SECTION 904- NOTICE TO BIDDERS NO. 4286**

**CODE: (SP)**

**DATE: 1/15/2013**

**SUBJECT: FEMA Upgrade**

**PROJECT: BWO-6208-24(001) / 502085301 & 302 – Harrison County**

Bidders are hereby advised that pay item 907-242-A006, Construction of Gulf Coast Regional Office Building/First Responder Shelter - FEMA UPGRADE, is included in this project for the upgrade of the Base Bid Building to a FEMA standard. The cost included in the FEMA Upgrade pay item will only include the upgrade work and does not include any work from the BASE BID pay item. The Apparent Low Bidder should refer to Special Provision 907-242-26, Section 00 22 13-2 for reference to special submissions of the Schedule of Values for the FEMA Upgrade work. After review of the Schedule of Values, MDOT will determine whether the FEMA Upgrade pay item will be used on the project and reserves the right to delete this pay item from the project and deletion of this pay item will not be grounds for claims for delay or damages by the Contractor.

Bidders are further advised that anywhere in the proposal or plans where it states Alternate Bid it should be understood to mean FEMA Upgrade.

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION**

**SECTION 904- NOTICE TO BIDDERS NO. 4287**

**CODE: (SP)**

**DATE: 1/15/2013**

**SUBJECT: Liquidated Damages**

**PROJECT: BWO-6208-24(001)/ 502085301 & 302 – Harrison County**

Bidders are advised to disregard the liquidated damages table shown in Article 9.11.1 of the AIA Document. The correct liquidated damages table is shown in the Supplement to Special Provision No. 907-108-24.

## MISSISSIPPI DEPARTMENT OF TRANSPORTATION

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**PROJECT:** **GULF COAST REGIONAL OFFICE / FIRST RESPONDERS' BUILDING AT LYMAN, HARRISON COUNTY, MISSISSIPPI**

**PROJECT NUMBER:** **BWO-6208-24(001) 502085**

**DATE:** **1-15-13**

**DESCRIPTION A:** This Work shall consist of all construction work necessary in constructing the (Base Bid – State Funds) Gulf Coast Regional Office / First Responders' Building at Lyman, Harrison County, Mississippi, in accordance with these Specifications and conforming with the Drawings.

**DESCRIPTION B:** This Work shall consist of all construction work necessary in constructing the (Alternate Bid – FEMA Funds) Gulf Coast Regional Office / First Responders' Building at Lyman, Harrison County, Mississippi, in accordance with these Specifications and conforming with the Drawings.

It is the intention of these Specifications to provide the necessary items and instruction for a complete building including all code compliance. Omission of items or instruction necessary or considered standard good practice for the proper installation and construction of the building shall not relieve the Contractor of furnishing and installing such items and conforming to the building codes having jurisdiction.

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(REVISIONS TO THE ABOVE WILL BE INDICATED ON THE SECOND SHEET OF SECTION 905 AS ADDENDA)

END OF SECTION

## SECTION 00 22 13

## SUPPLEMENTARY INSTRUCTIONS TO BIDDERS

## PART 1 - GENERAL

## 1.01 WORK IN PROXIMITY OF HIGH VOLTAGE POWER LINES

- A. Bidders are hereby advised of Section 45-15-1, et seq., Mississippi Code of 1972, regarding the performance of work in the proximity of high voltage overhead power lines. It is the Contractor's responsibility to comply with those statutory requirements.

## 1.02 AGENCY, COMMISSION AND OFFICER NAME CHANGES

- A. Whenever the term "Mississippi State Highway Department", the word "Department", or variations thereof meaning the Mississippi State Highway Department appears in the plans, proposal, contract documents, and specifications for highway construction projects, in accordance with the laws of the State of Mississippi, it shall mean the "Mississippi Department of Transportation.
- B. Whenever the term "Mississippi State Highway Commission", the word "Commission", or variations thereof meaning the Mississippi State Highway Commission appears in the plans, proposal, contract documents, and specifications for highway construction projects, in accordance with the laws of the State of Mississippi, it shall mean the "Mississippi Transportation Commission".
- C. Whenever the term "Director", or variations thereof meaning the Chief Administrative Officer of the State Highway Department appears in the plans, proposal, contract documents, and specifications for highway construction projects, in accordance with the laws of the State of Mississippi, it shall mean the "Executive Director of the Mississippi Department of Transportation."

## 1.03 PLANT PEST QUARANTINES INFORMATION

- A. AT the request of the U. S. Department of Agriculture, Plant Pest Control Information Concerning Domestic Quarantines is cited as follows:
- B. The entire state of Mississippi has been quarantined for the Imported Fire Ants. Soil and soil-moving equipment operating in the state will be subject to plant quarantine regulations. In general, these regulations provide for cleaning soil from equipment before it is moved from the state. Complete information may be secured from the State of Mississippi Department of Agriculture and commerce, Bureau of Plant Industry, P.O. Box 5207, Mississippi State, Mississippi 39762-5207 – Telephone 325-3390.

IMPORTED FIRE AN QUARANTINES

THE FOLLOWING REGULATED ARTICLES REQUIRE A CERTIFICATE OR PERMIT FOR MOVEMENT:

1. Soil, separately or with other things, except soil samples shipped to approved laboratories\*. Potting soil is exempt, if commercially prepared, packaged and shipped in original containers.
2. Plants with roots with soil attached, except houseplants maintained indoors and not for sale.
3. Grass sod.
4. Baled hay and straw that have been stored in contact with the soil.
5. Used soil-moving equipment.

6. Any other products, articles, or means of conveyance of any character whatsoever not covered by the above, when it is determined by an inspector that they present a hazard of spread of the imported fire ant and the person in possession thereof has been so notified.

\* Information as to designated laboratories, facilities, gins, oil mills, and processing plants may be obtained from an inspector.

Consult your State or Federal plant protection Inspector or your county agent for assistance regarding exact areas under regulation and requirements for moving regulated articles. For detailed information see 7 CFR 301.81 for quarantine and regulations.

#### 1.04 PROMPT PAYMENT

- A. Bidders are hereby advised that the Prime Contractor must pay their subcontractor(s) for satisfactory performance of their contracts no later than a specific number of days from receipt of payment from the Department. Therefore, Prime Contractors are hereby advised of the following:
  1. Within 15 calendar days after receiving payment from the Department for work satisfactorily performed, the Prime Contractor shall make prompt payment to all sub-contractors or material suppliers for all monies due.
  2. Within 15 calendar days after receiving payment from the Department for work satisfactorily completed, the Prime Contractor shall promptly return all retainage monies due to all sub-contractors or material suppliers.
  3. The Engineer will have the authority to suspend the Work wholly or in part and to withhold payments because of the Contractor's failure to make prompt payment within 15 calendar days as required above, or failure to submit the required OCR-484 Form, "Certification of Payments to Subcontractors", which is also designed to comply with prompt payment requirements.

#### 1.05 ALTERATIONS IN BIDDING PROCESS

- A. Bidders are hereby advised that they may either use the traditional method of entering their Bid information by hand on Section 905--Proposal or may insert printed information obtained from the available Electronic Bid System (EBS).
- B. It is the responsibility of every bidder to check for any addendum or modification to the contract document(s) for which they intend to submit a response. It shall be the bidder's responsibility to be sure they are in receipt of all addenda, pre-bid conference information, and/or questions and answers provided at, or subsequent to, the pre-bid conference, if any are issued.

**The Mississippi Transportation Commission assumes no responsibility for defects, irregularities or other problems caused by the use of electronic media. Operation of this electronic media is done at the sole risk of the user.**

#### 1.06 CONTRACT TIME

- A. The Apparent Lowest Bidder shall submit a complete Schedule of Values showing breakdown of Base Bid and FEMA Upgrade, and submit a Construction Schedule by January 28, 2013, for FEMA review and approval. The Notice of Award will be issued within sixty (60) days of the Letting (Bid Opening). The Notice to Proceed and Beginning of Contract Time will be simultaneous with the Execution of the Contract.

- B. The calendar date for completion of this Contract shall be September 30, 2014 which date or extended date as provided in Article 8 – TIME shall be the end of contract time.
- C. A Schedule of Values as described in Section 01 29 73 – Schedule of Values of these Specifications shall be required on or before the Monday after Bids have been received. They will be sent to MEMA / FEMA for review and approval. Written approval from FEMA shall be made prior to issuing the Notice to Proceed.
- D. A Construction Schedule as described in Section 01 32 00 – Construction Progress Documentation of these Specifications will be required.
  - 1. Contractor Note: As first item of work the contractor shall schedule and attend MDOT's Erosion Control training session(s) and become certified to prepare Contractor's Erosion Control Plan (if not already certified).
  - 2. Site work shall not proceed until Contractor's Erosion Control Plan has been approved by MDOT.
  - 3. Contractor should allow approximately 60 days in the construction schedule for the completion of this process.

#### 1.07 SUBCONTRACTING

- A. The Bidder is specifically advised that any person, firm or other party to whom it proposes to award a subcontract must be acceptable to the Owner. The total allowable subcontract amount shall not exceed **sixty percent (60%) of the Contract Sum**, excluding the value of any "Specialty Items" listed below:
  - 1. Specialty Items:
    - a. Termite Treatment
    - b. Masonry Items
    - c. Metal Roofing Items
    - d. Windstorm Resistant Aluminum Storefront and Glazing Items
    - e. Plumbing Items
    - f. Heating, Ventilating and Air Conditioning Items
    - g. Electrical Items
    - h. Communication Items
    - i. Electronic Safety and Security Items
    - k. Water Well Items

These items are not to be confused with Division 10 – Specialties of the Specifications.

END OF SECTION

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION**

**ADDENDUM No. 1  
SECTION 00 91 13**

**DATE: JANUARY 10, 2013**

**PROJECT: GULF COAST REGIONAL OFFICE / FIRST  
RESPONDERS' BUILDING AT LYMAN,  
HARRISON COUNTY, MISSISSIPPI**

**PROJECT NUMBERS: BWO-6208-24(001) 502085**

PART 1 - GENERAL

1.01 DESCRIPTION: Bidders are hereby advised that the following changes are to be made to this Contract.

1.02 SPECIFICATIONS

- A. Section 00 02 13 - Supplementary Instructions to Bidders. Delete Supplementary Instructions to Bidders and replace with attached Supplementary Instructions to Bidders Revised date of 01-10-2013 (3 pages).
- B. Section 01 29 00 - Payment Procedures. Delete Payment Procedures and replace with attached Payment Procedures Revised date of 01-10-2013 (3 pages).
- C. Section 10 14 00 - Signage. Delete Signage and replace with attached Signage Revised date of 01-10-2013 (4 pages).
- D. Section 10 21 17 - Molded Acrylic Shower Units. Delete Molded Acrylic Shower Units and replace with attached Molded Acrylic Shower Units Revised date of 01-10-2013 (2 pages).
- E. Section 27 13 00-Communications Backbone Cabling. Add this Section dated 01-10-2013.

1.03 DRAWINGS

- A. Make the following changes to Sheet Number 2, Working Number DI.1:
  - 1. Revise the Schedule indicating Sheet Revisions indicated by Revision dated 01-10-13.
- B. Make the following changes to Sheet Number 3, Working Number C0.5:
  - 1. Revise Pay Items as indicated on this sheet dated 1-11-13.
- C. Make the following changes to Sheet Number 5, Working Number C2.0:
  - 1. Add Construction Fence as indicated on this sheet dated 1-11-13.

- D. Make the following changes to Sheet Number 13, Working Number C20:
    - 1. Add Construction Fence as indicated on this sheet dated 1-11-13.
  - E. Make the following changes to Sheet Number 36, Working Number A5.2:
    - 1. Revise Door Opening Schedule as indicated on this sheet dated 01-10-13.
  - F. Make the following changes to Sheet Number 37, Working Number A5.3:
    - 1. Revise Finish Schedule as indicated on this sheet dated 01-10-13.
  - G. Make the following changes to Sheet Number 86, Working Number E1.1:
    - 1. Add additional fiber conduit and spare conduit.
  - H. Make the following changes to Sheet Number 89, Working Number E1.2:
    - 1. Provide connections to ceiling projector and motorized screens in Rooms #130 and #146.
  - I. Make the following changes to Sheet Number 94, Working Number E4.2:
    - 1. Revise size of emergency generator as noted on Power Riser Diagram from 750KW to 350KW.
  - J. Make the following changes to Sheet Number 95, Working Number E4.3:
    - 1. Revise Circuit Schedule as indicated on this sheet dated 01-10-13.
  - K. Make the following changes to Sheet Number 108, Working Number P4.1:
    - 1. Revise Fiberglass Shower Unit as indicated in Schedule as indicated on this sheet dated 01-10-13.
- 1.04 PRE-BID MEETING
- A. A Mandatory Pre-Bid Meeting was held January 8, 2013. Introductions were made and statements were given concerning items to clarify or change in the Construction Documents by this Addendum. Everyone in attendance visited the site either before or after the meeting to observe existing conditions.
  - B. Pre-Bid Meeting Minutes are attached (4 pages).
  - C. The Sign-In Lists are attached. One list is for general attendance & the other is for Contractors that intend to bid on this Project (4 pages).
- 1.05 CLARIFICATIONS AND QUESTIONS / ANSWERS
- A. See goMDOT.com for list of online Questions and Answers that are made a part of the Contract. A list of questions with answers made prior to the Pre-Bid Meeting was handed out to all Attendees on 01-10-2013. Questions and Answers to any issues / clarifications after this meeting are also made part of the Contract.

- B. The following is a list of Questions and Answers that were asked during the Pre-Bid Meeting:

Question No.1: Sheet A 2.6 shows VCT 118,119,122,123,128,129,140,141,142,142,149, but the finish schedule A5.3 shows different finishes. Which is correct?

Answer No.1: A5.3 is correct. As is A2.6, Floor Pattern Plan. A2.6 shows the pattern of the floor finishes indicated on A5.3. Floor finishes without a pattern are not indicated on A2.6.

Question No.2: Specification Section 274115—Video Control Consoles, lists Evans Consoles as an approved manufacture. In order to price the consoles correctly, the manufacture has requested to see the drawings/design used for this project. Please provide.

Answer No.2: Manufacturer can purchase Plan Sheets A2.1 and A2.2 to see console layouts for Base Bid & FEMA Upgrade. Plans may be purchased at gomdot.com

Question No.3: In the Proposal Special Provision No. 907-258-9 it calls for several miscellaneous site amenities like charcoal grill, concrete picnic tables, trash receptacles, pavilion, etc. None of these are shown on the plans. Are we to provide these and if so, how many?

Answer No.3: Summary of Quantities on C0.5, Sheet Number 3 shows 907-258-N001, Car Stop. Refer to Special Provision 907-258-9, Miscellaneous Site Amenities for Car Stop only.

Question No.4: Cannot locate signage schedule or details in plans. Please advise.

Answer No.4: Letter locations are shown on A3.1 and A4.2. Plaques and seals are shown on A2.1 and A2.2. Interior signs are located per specification 10 14 00, Paragraph 3.03 Schedules. Additional signs may be necessary as required by the Drawings and Specifications. All interior doors shall have signs.

Question No.5: Door Marks: 103A, 104 A, 106A, 107A, 128A are shown as 3/0 x7/0 with Narrow Vision Panel 6x36 and with Note 2 which are "TRS" impact rated FEMA 361 Doors. My manufacturer has informed me that FEMA 361 doors are not possible with glass panels. Do you want to delete FEMA 361 rating, or delete glass panels in the above mentioned doors?

Answer No.5: Delete glass panels in the doors listed above.

Question No.6: Site Plan Sheet C2.0 1.)Do the step risers on the North end (near mechanical pad) and on the south end have grab rails on both sides or just one side? Site Plan Sheet C2.0 2.)Denotes 3 step riser on west side south of center with grab rail on both sides and guard rail on right side shows riser on west side north of center but no note. This looks like a 2 step riser with grab rails on both sides and a guard rail on both sides, but do not see detail or length of guard rails; detail AA shows concrete walk but no rails. Could you please provide some clarifications. Site Details C50 3.) Regarding the detail "post sleeve", can the rails be removed or are they to be installed permanently? Thank you for your help.



Answer No.6: Refer to A2.1, A2.2, C20 and C2.0 for all rail and step locations. All steps and ramps require rails on all sides as indicated. Typical rail elevations are shown on C50 and C5.0. Rails are 36 inches high and guardrails are 42 inches high in accordance with code. Additional notes are provided on A2.1 and A2.2. Rails are not removable. At detail "Post Sleeve Detail" on C50 and C5.0 weld rail to sleeve as indicated - rail is permanently installed.

Question No.7: Can the AISC Certification or Structural Steel be revised to: Structural Steel Supplier must meet ALL AISC Standards, in lieu of the required certification. As stated in previous bids with MDOT, there are only a handful of AISC Certified Suppliers for Structural Steel in the south. We work with several steel suppliers that are not AISC Certified but do conform to AISC Standards. It should not make a difference as long as they meet AISC Standards.

Answer No.7: The structural steel fabrication is required to be in accordance with AISC – Specification for the Design, Fabrication and Erection of Structural Steel Buildings. Field welding is to be only done by people with Welders Certificates. Structural steel specification 05 12 00 Structural Steel Framing does not call for the use of an AISC Certified steel supplier.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION

## MISSISSIPPI DEPARTMENT OF TRANSPORTATION

### PRE-BID MEETING MINUTES

**DATE:** JANUARY 10, 2013

**PROJECT:** GULF COAST REGIONAL OFFICE / FIRST  
RESPONDERS' BUILDING AT LYMAN,  
HARRISON COUNTY, MISSISSIPPI

**PROJECT NUMBERS:** BWO-6208-24(001) 502085

**Welcome and Opening:** Because of the meeting change in location and people still signing the attendance lists, the meeting started at 10:40 am in the MDOT Maintenance Shop at Lyman.

Use Bidders Checklist and Instruction to Bidders on page 60 to complete bid submittal. If anyone has questions about the Bid Forms, please call B. B. House, Contract Administration Engineer, at 601-359-7292.

"Stripped" bids will not be accepted – complete Proposal with Addendum must be submitted.

Addendum will be issued after today with all Questions and Answers from Pre-Bid Meeting.

Use the GoMDOT.com website to view the Q&A that have been submitted. They are located in the addendum column for review.

**Important Remarks:** Explained difference between Proposal & Specimen Copy. To Place bid, Proposal must be purchased. If Contractor's name is not on Mandatory Pre-Bid Sign-In sheet, they cannot bid. Specimens can also be downloaded from GoMDOT.com website. No one can receive a Proposal after today (January 8, 2013) if they are not on this Sign-In list. These minutes will be put with addendum that is presently being prepared and will be ready sometime next week. This building is partially funded by FEMA.

Base Bid Lump Sum plus Alternate Bid Lump Sum will be the total lump sum cost to construct the FEMA building. This will be clarified in the Addendum – See Revised Section 01 29 00 Payment Procedures in Addendum.

The apparent low bidder will be required to submit a complete Schedule of Values, with base bid items and alternate bid items, and Construction Progress Schedule by Monday (January 28, 2013) following the bid opening (January 22, 2013). If there are required corrections, the contractor will be expected to expedite the correction immediately.

There was discussion about a floating Start / Completion Date during this meeting set up to get Approval by FEMA for Notice to Proceed. A Post-Meeting Decision was made that modifies all of this discussion. See Addendum for revised Specification Sections addressing this.

Attendees were asked if everyone had signed the attendance list and if everyone had a copy of the Questions and Answers that was on the Web Page. Please ask your questions soon because we may not have time to answer.

Question: Will there be a case where the Base Bid will be accepted without the Alternate?

Answer: The intent is to construct the Base Bid with the Alternate. The Alternate is required to separate the cost for the "hardening" of the structure and other improvements to the Base Bid for reimbursement by FEMA.

Question: What if FEMA has a problem with Bid ? On FEMA's Approval

Answer: If we are outside budget or FEMA does not approve, Project will be Rejected, Rebid & Start this process over.

Question: Is the estimated project cost available?

Answer: No. MDOT has given the range between one and five million dollars.

Question: Will Davis Bacon Wage Rates be used?

Answer: No, Because of State Funded Project, but minimum wage requirements must be met. Additionally there is no DBE Goal for project.

Printed Q&A from the website were handed out to attendees. These were not read aloud.

Question: Inspected by County for State people?

Answer: MDOT Personnel will do inspection with the exception of some utility companies. For Utilities, any connection fees or tap fees will be the responsibility of the contractor. Architect for the building will be on job site once a month or more.

Question: Will there be a Sprinkler System?

Answer: No Sprinkler system will be required. This is why all doors in corridors have closers.

Pamela Leonard stated the building is designed as a regular office building, the FEMA hardening is the tornado, hurricane proof bunker building. It is important to price both parts of the building completely so that MDOT and FEMA can determine money needed for the grant. The building will have a Traffic Management Center in the center with an access floor for the control room and the large conference room. There have been a lot of questions about the video console desks which have a spec section in the back (Section 27 41 15). The specification is not in the millwork section. The building is intended to be a First Responder's Shelter so everything must be redundant. The Power, Water, and Sewer will be redundant systems. This is why there will be a new water well, generator, and sewer holding tank and all these are protected by concrete walls with steel tops. The FEMA hardening includes a concrete roof slab. The building will have a metal roof that will separate from the main concrete structure under extreme wind conditions. The remaining structure cannot be compromised during this event. Therefore the Contractor must ensure that the metal roof is not connected to the main structure in a way that would compromise the main "shelter" building. Additional paperwork will be required and FEMA will be onsite for inspections. Again, the Schedule of Values and Construction Schedule must be done quickly because FEMA must approve everything.

Question: Ron Smith of Interstate Electronic Systems stated his company supplies video wall equipment. Who is going to approve the specialized equipment as bid to be acceptable to MDOT? Specialty electrical equipment will be provided under the Contract and will be installed nearly two years from now. Technology will change so is there any provision to handle that? If the technology improves during the course of construction, will the original equipment still be required or will the latest technology be utilized? What if the new technology increased cost?

Answer: The Contract will be awarded based on Specifications in Division 27 Communications with today's technology. There are provisions in the Contract in the form of an Allowance to pay for adjusted costs due to technological improvements. MDOT will want the latest available equipment at time of installation.

Question: If there are any additional questions, where should we direct them?

Answer: Prior to January 22, 2013, use the Q&A section on the web page (GoMDOT.com). Don't wait until the Friday before the Bid and submit questions. There may not be time left to answer them.

Question: Will building be awarded without the alternate?

Answer: No.

Question: How are the bid prices to be put together with the base bid and alternate. Will the totals be added and both paid or how?

Answer: This will be clarified in the Addendum. The intent is the base bid is cost without the FEMA hardening. The FEMA hardening will be the Alternate. This will be called "Alternate FEMA Upgrade" in the addendum. The Base Bid plus Alternate will be total cost of the 907-242 Special Provision for the building.

Question: Are there different requirements on the Mechanical system for the Base Bid and Alternate?

Answer: Compare the Drawings for each. Some of the differences are louvers and enclosures for the exterior mechanical equipment. The size of the units may be different between Base and Alternate Bids because the system requirements change. The Alternate Bid is what will be utilized.

Question: P-2 Drawings show showers. Are they specified or constructed showers?

Answer: Shower Units are specified in 10 21 17 Molded Acrylic Shower Units.

Question: When will the addendum be available?

Answer: Addendum will be put online and mailed by next Tuesday (January 14, 2013).

Question: Will shower units be provided by Prime or Subcontractor?

Answer: That is up to Prime as to who supplies materials. Item is specified and shown, so MDOT expects them to be included.

Question: Will the fire alarm be the audible or horn type?

Answer: The Fire alarm will be a "Horn" type.

Question: How much excavation will be required at site?

Answer: Only what is shown in Contract. There may be some concrete and debris still on the site from old building that was removed. The excavation will be paid by contract unit bid prices. Soil borings are included in the contract.

Question: How is the addendum incorporated into the bid?

Answer: The addendum will be kept intact and submitted with proposal in bid package.

Question: Can precast panels be used for the building?

Answer: MDOT to respond in addendum

Inquiries have been made about casting panels on site and if pre-cast panels could be substituted. Panels may be cast off-site. Nothing can be stored on south side of complex under the electrical transmission lines. Building slab may be used for casting panels. The temporary construction fence will be indicated on the Revised Site Plan and referenced in the Addendum. Methods and Means are the responsibility of the Contractor.

Question: What Gauge Steel for steel studs should be used?

Answer: The Specification Sections for this to be determined in accordance with the loading conditions and code requirements.

Question: Will site work be performed in advance of Contract by MDOT?  
Answer: MDOT will not perform any additional prep work before construction. General Contractor will be required to provide fill and compact to grades indicated so MDOT can place HMA pavement and striping.

Question: Is the Project Taxes exempt?  
Answers: No

Question: Will all Testing be done by MDOT?  
Answers: QC/QA testing is required by the Contractor. MDOT will provide limited QA testing only as required by the Contract. Any specialty testing called for in the Contract will be responsibility of the Contractor.

Question: Are Building Permits Required  
Answer: No

Question: Is the "Test and Balance" required when there is a Commissioning Agent. Is the Mechanical Contractor to assist the Commissioning Agent during the Commission?  
Answer: The Mechanical Contractor will provide "Test and Balance" as specified and work with the Commissioning Agent through the General Contractor.

During the meeting, the attendees were asked several times if everyone had signed one of the two lists. If a General Contractor is not on the list (sign-in sheet) then their bid will not be opened. No Proposals will be sold to firms not on the sign-in sheet. Bidders were encouraged to purchase Specimen Contracts for their use or to download the online Specimen Contracts.  
Closing- If no other questions we will walk to the building site.

Question: Can subcontractors obtain a Proposal after today?  
Answer: Anyone can still obtain a Specimen Copy, but after today no one can purchase a Proposal (unless on the sign-in sheet of the Pre-Bid meeting)

Question: Will Contract Time start after FEMA approves bid award?  
Answer: Yes. Contract Time will be set after FEMA's approval.

Reiteration that the successful bidder will be required to submit Construction Schedule and Schedule of Values by the Monday following Bid Opening (Jan. 28th, 2013).

All 4 corners of the building are staked and what sticks out is marked and basically outline of the slab with finish grade indicated with front entry extension.

Question: How will disposal of excavated materials for foundation construction be done?  
Answer: Any excavated material for foundation construction will be stockpiled on MDOT property as directed by the Engineer.

Question: Will the existing concrete slab between the adjacent building on the south side be removed?  
Answer: Yes.

END OF PRE-BID MEETING MINUTES

# PRE-BID SIGN-IN SHEET FOR INTENDED BIDDERS

<b>Project:</b> GC Regional Off Bldg/ 1 <sup>st</sup> Responder Shelter	<b>Meeting Date:</b> Jan. 8, 2013 @ 10:30
<b>Topic:</b> Mandatory Pre-Bid Meeting	<b>Place/Room:</b> Lyman Project Office

Company	Print Name	Phone	E-Mail
Barnard & Sons Construction, LLC PO Box 517 Mendenhall, MS 39114	BLODY BARNARD	601-547-2420	CINDY@BARNARDANDSONS.COM
Bulldog Constructors, Inc. 1903 Pass Road, Suite A Biloxi, MS 39531	John Isoline	228-207-6436	john@bulldog-constructors.com
Casablanca Construction, Inc. #9 Thomas Lane Hattiesburg, MS 39402-7911	Wilson Dewitt	601-264-6676	wilsondewitt@hotmail.com
Chris Albritton Constr Comp, Inc. 2100 Bush Dairy Rd Laurel, MS 39443 Phone: 601-425-9100	Hugh Bergin	601-425-9100	hugh@chrisalbrittonconst.com
Coleman Hammons Const. Co., Inc. PO Box 703 Brandon, MS 39042			
DCD Construction, Inc. 6512 Rose Farm Road Ocean Springs, MS 39564 Phone: 228-872-8060			
Flagstar Constr Company, Inc. 2006 Aspen Cove Brandon, MS 39042 Phone: 601-824-4646	BOB LAWRENCE	601-824-4646	bob@flagstarconstruction.com
GM&R Construction Company, Inc. PO Box 2579 Bay St. Louis, MS 39521	Darlene Martinez	228-467-0872	patrick@gmandr.com Patrick Martinez
George P. Hopkins, Inc. 520 34th Street Gulfport, MS 39507	GEORGE P. HOPKINS	228-863-8614	ghopkinsii@aol.com
Hanco Corporation PO Box 17678 Hattiesburg, MS 39404 Phone: 601-583-6500	Steven Weiss	601-583-6500	sweiss@hancocorp.com
J. Levens Builders, Inc. PO Box 779 Long Beach, MS 39560	Kyle Casajne	(228) 863-0303	Kyle@jlevensbuilders.com

# PRE-BID SIGN-IN SHEET FOR INTENDED BIDDERS

<b>Project:</b> GC Regional Off Bldg/ 1 <sup>st</sup> Responder Shelter	<b>Meeting Date:</b> Jan. 8, 2013 @ 10:30
<b>Topic:</b> Mandatory Pre-Bid Meeting	<b>Place/Room:</b> Lyman Project Office

Company	Print Name	Phone	E-Mail
J. W. Puckett & Company, Inc. 12284 Intraplex Parkway Gulfport, MS 39503 Phone: 228-864-6201	Steve Hall	(228) 896-6201	steve@jwprk6no.com
Mac's Construction Company, Inc. 6555 US Hwy. 98 West, Suite 13 Hattiesburg, MS 39402	Jim Barron	601 2648648	jim@macsconstruction.com
Quality Design & Construction, LLC PO Box 1917 Woodville, MS 39669	David Nail	225-333-1927	DNail@cox.net
Rod Cooke Construction, Inc. PO Box 160226 Mobile, AL 36616	Bob Decker	251-450-0410 " 478-7260	bdacker@rcconstr.com
TCB Construction Company, Inc. 5913 Hwy 53 Poplarville, MS 39470 Phone: 228-255-1141	Ruby Joy	228-669 0253	TCB RubyJoy@aol.com
Trimark Constructors, LLC 3350 Ridgelake Ave, Suite 111 Metairie, LA 70002	Jeff Schiro	504 836 2811	jschiro@trimark constructors.com
Webster Electric Company, Inc. PO Box 8129 Meridian, MS 39303			
Kent Design Build 1875 Hwy 59 Mandeville, LA 70448	Nathan Hunter	985-626-9764 985-626-5431 fax	nhunter@kentdesign build.com
D&W HENSBRUNG, INC. P.O. Box 3927 GULFPORT, MS 39505	CARNEE CLEMENT	(228) 832-6622	corneldhi@bellsouth.net

# MEETING SIGN-IN SHEET

**Project:** GC Regional Off Bldg/1<sup>st</sup> Responder Shelter

**Meeting Date:** Jan. 8, 2013 @10:30am

**Topic:** Mandatory Pre-Bid Meeting

**Place/Room:** Lyman Project Office

Name	Company	Phone	E-Mail
Betina Latiker	MDOT	601 359 9835	blatiker@mdot.ms.gov
Jim BARRON	Mac's Constr.	601 264 8648	jim@macsconstruction.com
Dave Wright	Power Sys of MS	251-895-6473	David.Wright@att.net
Mike Mitchell	JEM Mechanical	228-463-1261	mike@jemmeccol.com
Ron Smith	IES Videowall Sound	504-914-0760	rsmith@ies-llc.com
Bob LAWRENCE	FIRSTAR	601-824-4646	lbob@firstarconstruction.com
Seth Winchester	MDOT	601 359 7537	swinchester@mdot.ms.gov
Buddy BARNUM	BARNUMSON	601 847 2426	Buddy@BarnumAndSons.com
Pamela Leonard	CCD	601 948 7337	pamela@ccdarchitects.com
John Benedict	Bldg Diagnostics	601 672 4662	jbenedict@bdandps
JOE HARRON	MOSES ELEC	228-868-2541	gshropshire@moses-electric.com
John A Guich SR	GUICH LLC	228-219-5337	Guich-ALERT @ 4601 SOUTH - NEX
Red STRINGFELLOW	MDOT D G	601 544 6511	RSTRINGFELLOW@MDOT.MS.GOV
Odella Jones	MDOT	228-832-0682	onecalsee@mdot.ms.gov
Jim Vinson	MDOT Architect	601-359-7292	jvinson@mdot.ms.gov
DEAN MOODY	MDOT	228-326-9129	dmoody@mdot.ms.gov
DAVID SEYFARTH	MDOT	228-326-9130	dseyfarth@mdot.ms.gov
GEORGE P. HOPKINS III	G		
Bob Anorew	HILLMAN	228-5473696	banorew@hillerco.com



# MEETING SIGN-IN SHEET

**Project:** GC Regional Off Bldg/1<sup>st</sup> Responder Shelter

**Meeting Date:** Jan. 8, 2013 @10:30am

**Topic:** Mandatory Pre-Bid Meeting

**Place/Room:** Lyman Project Office

Name	Company	Phone	E-Mail
Charley Crippes	Webster Elect	228-871-7007	Charley@Webster-Electric.com
ANTHONY McFARLIN	MDOT	326-5610	AMCFARLIN@MDOT.MS.GOV
Bradley Williams	MDOT	601-359-7114	bgwilliams@mdot.ms.gov

## SECTION 01 29 00

## PAYMENT PROCEDURES

## PART 1 - GENERAL

## 1.01 METHOD OF MEASUREMENT

- A. The method of measurement and payment shall conform to the applicable provisions of Article 9 of the AIA Document A201-2007 General Conditions of the Contract for Construction.

## 1.02 APPLICATION FOR PAYMENT

## A. Format:

- 1. Applications for Payments will be prepared on AIA forms G702-Application and Certificate for payment and G703-Continuation Sheet; or, a computer generated form containing similar data may be used.

## B. Preparation of Application:

- 1. Present required information in type written form.
- 2. Execute certification by signature of authorized officer.
- 3. Use data from approved Schedule of Values. Provide dollar value in each column for each line item for portion of Work performed and for stored products.
- 4. List each authorized Change Order (Supplemental Agreement) as an extension on continuation sheet, listing Change Order (Supplemental Agreement) number and dollar amount as for an original Item of Work.
- 5. Prepare Application for Final Payment as specified in Section 01 77 00-Closeout Procedures.

## C. Submittal Procedures:

- 1. Submit 4 copies of each Application for Payment to the Project Engineer and one electronic .pdf copy to the MDOT Architect.
- 2. Submit an updated construction schedule with each Application for Payment as described in Section 01 32 00-Construction Progress Documentation.
- 3. Submit request for payment at intervals agreed upon by the Project Engineer, Owner, and Contractor.
- 4. Submit requests to the Project Engineer at agreed upon times, or as may be directed otherwise.

## D. Substantiating Data:

- 1. Submit data justifying dollar amounts in question when such information is needed.
- 2. Provide one copy of the data with a cover letter for each submittal.
- 3. Indicate the Application number, date and line item number and description.

### 1.03 STATEMENTS AND PAYROLLS

- A. The submission by the Contractor of the actual weekly payrolls showing all employees, hours worked, hourly rates, overtime hours, etc., or copies thereof, is not required to be turned in. However, each Contractor and Subcontractor shall preserve weekly payroll records for a period of three years from the date of Contract completion. All Contractor personnel working at the project site will be paid unconditionally and not less often than once a week without subsequent deduction or rebate on any account, except such payroll deductions as are permitted by regulations, the full amounts of wages and bona fide fringe benefits due at time of payment.
- B. The payroll records shall contain the name, with an individually identifying number for each employee, classification, rate of pay, daily and weekly number of hours worked, itemized deductions and actual wages paid to each employee.
- C. Upon request, the Contractor will make payroll records available at the project site for inspection by the Department Compliance Officer or authorized representative and will permit such officer or representative to interview employees on the job during working hours.
- D. The Contractor and Subcontractors shall submit Form CAD-880, "Weekly Summary of Wage Rates", each week to the Project Engineer. The forms may be obtained from the Contract Compliance Officer, Contract Administration Division, Mississippi Department of Transportation, Jackson, Mississippi. Custom forms, approved by Contract Administration Division, may be used in lieu of CAD forms.
- E. The Contractor shall make all efforts necessary to submit this information to the Project Engineer in a timely manner. The Engineer will have the authority to suspend the work wholly or in part and to withhold payments because of the Contractor's failure to submit the required information. Submission of forms and payrolls shall be current through the first week of the estimate period in order for the Project Engineer to process an estimate.

### 1.04 BASIS OF PAYMENT

- A. This Work will be paid for by Contract Sum for the construction described in these Specifications and shown on the Drawings for District Six. The Work includes Gulf Coast Regional Office / First Responders' Building at Lyman, Harrison County, Mississippi. The Contract Sum shall be full compensation for all site work, for furnishing all materials, and all other Work and effort of whatever nature in the construction of the buildings, installation of underground and other equipment, and final clean-up of the area. It shall also be complete compensation for all equipment, tools, labor, and incidentals necessary to complete the Work.

B. Payment will be made under:

1. Pay Item 907-242-A006 – Base Bid:  
MDOT Project No. BWO-6208-24(001) 502085  
Gulf Coast Regional Office / First Responders' Building  
at Lyman, Harrison County lump sum
  
2. Pay Item 907-242-A006 – FEMA Upgrade:  
MDOT Project No. BWO-6208-24(001) 502085  
Gulf Coast Regional Office / First Responders' Building  
at Lyman, Harrison County lump sum

C. Award of the Contract by the Commission will be based on the lowest bid for the combined Base Bid and FEMA Upgrade Bid for Project No. BWO-6208-24(001) 502085.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION

## SECTION 01 62 14

## PRODUCT OPTIONS AND SUBSTITUTION PROCEDURES

## PART 1 - GENERAL

## 1.01 SUMMARY

- A. Scope: To give the product options available to the Contractor and to set forth the procedure and conditions for substitutions.

## 1.02 CONTRACTOR'S OPTIONS

- A. For products specified only by reference standards, select any product meeting standards by any manufacturer.
- B. For products specified by naming several (minimum of three) products or manufacturers, select any product and manufacturer named. Contractor must submit request, as required for substitution, for any product not specifically named and GIVE REASONS for not using product specified. Substitutions WILL NOT be granted unless reasons are considered justified.
- C. For product specified by naming one or more products, but indicating the option of selecting equivalent products by stating "or approved equal" after specified product, Contractor must submit request, as required for substitution, for any product not specifically named.
- D. For products specified by naming only one product and manufacturer, an equivalent product will always be accepted if it is equal in all respects (size, shape, texture, color, etc.). The Contractor must submit a request for substitution as set forth in this section
- E. For products specified by naming only one product and manufacturer and stating no substitutions will be accepted, there is no option and no substitutions will be allowed.

## 1.03 PRODUCT SUBSTITUTION LIST

- A. The MDOT Architect WILL NOT consider requests for substitutions during bidding.
- B. Within 45 days after Notice to Proceed, submit to the MDOT Architect 4 copies of complete list of all proposed product substitutions. Substitutions WILL NOT be considered if received after this time.
- C. Tabulate list by each Specification Section.
- D. For named products specified with reference standards, include with listing of each product:
  - 1. Name and address of manufacturer.
  - 2. Trade name.
  - 3. Model or catalog designation.
  - 4. Manufacturer's data.
  - 5. Performance and test data.
  - 6. Reference standards.

- E. Proposed product will be reviewed for incorporation into the Project. Contractor will be notified for substitution rejection if not allowed, or will be instructed to submit in standard substitution submittal process for approval. See attached Substitution Request Form.

#### 1.04 SUBSTITUTIONS

- A. The MDOT Architect will consider formal written requests from Contractor for substitution of products in place of those specified. **ONLY ONE REQUEST** per product will be allowed. Refer to Section 01 33 00 - Submittal Procedures. Include in request:

1. Complete data substantiating compliance of proposed substitutions with Contract Documents.
2. For products:
  - a. Product identification including manufacturer's name and address.
  - b. Manufacturer's literature: Submit literature of actual product specified and literature of proposed substitution with all comparable features or components highlighted. Highlighted information is to include, but shall not be limited to, product description, performance, test data and reference standards.
  - c. Samples of the proposed substitution.
  - d. Name and address of 3 similar projects on which product was used and date of installation.
3. For construction methods:
  - a. Detailed description of proposed method.
  - b. Drawings illustrating methods.
4. Itemized comparison of proposed substitution with product or method specified.
5. Data relating to changes in construction schedule.
6. Accurate cost data on proposed substitution in comparison with product or method specified.

- B. In making request for substitution, Contractor represents:

1. He has personally investigated proposed product or method, compared the product specified with the proposed substitution, and determined that it is equal or superior in all respects to that specified.
2. He will provide the same guarantee for substitution as for product or method specified.
3. He will coordinate installation of accepted substitution into Work, making such changes required of Work to be complete in all respects.
4. He waives all claims for additional costs related to substitution that consequently becomes apparent.
5. Cost data is complete and includes all related costs under his Contract.

- C. Substitutions WILL NOT be considered if:

1. They are indicated or implied on Shop Drawings or product data submittals without formal request submitted in accordance with this Section.
2. Acceptance will require substantial revision of Contract Documents.
3. In the MDOT Architect's judgment, the product or material is not equal.

#### PART 2 - PRODUCTS (NOT USED)

#### PART 3 - EXECUTION

3.1 PRODUCT SUBSTITUTION REQUEST FORM (AS FOLLOWS)

SUBSTITUTION REQUEST FORM

PROJECT: \_\_\_\_\_ PROJECT NO. \_\_\_\_\_

OWNER: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

ARCHITECT: \_\_\_\_\_

CONTRACTOR'S REQUEST, WITH SUPPORTING DATA

1. Section of the Specifications to which this request applies:

\_\_\_\_\_

Product data for specified item and proposed substitution is attached (description of product, reference standards, performance and test data).

Sample is attached

2. Itemized comparison of proposed substitution with product specified.

ORIGINAL PRODUCT

SUBSTITUTION

Name, brand \_\_\_\_\_

Catalog No. \_\_\_\_\_

Manufacturer \_\_\_\_\_

Significant variations: \_\_\_\_\_

Reason for Substitution: \_\_\_\_\_

3. Proposed change in Contract Sum:

Credit to Owner: \$ \_\_\_\_\_

Additional Cost to Owner: \$ \_\_\_\_\_

4. Effect of the proposed substitution on the Work:

Contract Time: \_\_\_\_\_

Other Contracts, if any: \_\_\_\_\_

CONTRACTORS STATEMENT OF CONFORMANCE OF PROPOSED  
SUBSTITUTION TO CONTRACT REQUIREMENTS

I / We have investigated the proposed substitution. I / We

1. Believe that it is equal or superior in all respects to originally specified product, except as stated in 2. above;
2. Will provide same warranty as required in Contract Documents;
3. Have included all cost data and cost implications of proposed substitution; including, if required, costs to other contractors, and redesign and special inspection costs caused by use of proposed substitution;
4. Will coordinate incorporation of proposed substitution in the Work;
5. Will modify other parts of the Work as may be needed, to make all parts of the Work complete and functioning;
6. Have verified that use of this substitution conforms to all applicable codes.
7. Waive future claims for added cost to Owner caused by proposed substitution.

CONTRACTOR \_\_\_\_\_ DATE: \_\_\_\_\_  
Signature

ARCHITECT'S REVIEW AND ACTION

- \_\_\_ Accepted
- \_\_\_ Not Accepted
- \_\_\_ Provide more information in the following categories and resubmit \_\_\_\_\_
- \_\_\_ Sign Contractor's Statement of Conformance and resubmit
- \_\_\_ Proposed substitution is accepted, with the following conditions:  
\_\_\_\_\_  
\_\_\_\_\_

Change Order will make the following changes:

(Add to) (Deduct from) Contract Sum: \$ \_\_\_\_\_  
(Add to) (Deduct from) Contract Time: \_\_\_\_\_ days

ARCHITECT: \_\_\_\_\_ DATE \_\_\_\_\_

OWNER: \_\_\_\_\_ DATE \_\_\_\_\_



\_\_\_\_\_Accepted

\_\_\_\_\_Not accepted

END OF SECTION

SECTION 10 14 00

SIGNAGE

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Signage for room identification system, informational and directional signage, and exterior individual building signage and free standing, ground mounted sign and Truss Emblem signage.

1.02 RELATED SECTIONS

- A. Section 09 05 15 – Color Design.

1.03 SUBMITTALS

- A. Submit manufacturer's technical data and installation instructions for each type of sign required.
- B. Samples: Submit samples of each color and finish of exposed materials and accessories required for specialty signs. Project Engineer / MDOT Architect's review of samples will be for color and texture only. When requested, furnish full-size samples of specialty sign materials.
- C. Shop Drawings: Submit Shop Drawings for fabrication and erection of specialty signs. Include plans, elevations, and large-scale details of sign wording and lettering layout. Show anchorage and accessory items. Furnish location template drawings for items supported or anchored to permanent construction.

1.04 QUALITY ASSURANCE

- A. Provide each type of sign as a complete unit produced by a single manufacturer including necessary mounting accessories, fittings and fastenings.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Deliver components correctly packed to prevent damage. Store in secure area out of weather. Handle per manufacturer's instructions.

1.06 WARRANTY

- A. Provide manufacturer's standard one-year warranty covering manufacturing defects.

PART 2 - PRODUCTS

2.01 ACCEPTABLE MANUFACTURERS

- A. Drawings and specifications for interior and exterior signage are based on products manufactured by ASI Sign Systems, Inc., 3890 W. NW Hwy, Suite 102, Dallas, TX 75220. Tel. (800) 274-7732. Truss emblem signage (exterior) is based on products manufactured by Mohawk Sign Systems, Inc., Schenectady, NY. Tel. (518) 370-3433.

- B. Equivalent products by the following manufacturers are acceptable:
  - 1. Matthews International Corp., Pittsburgh, PA. Tel. (800) 628-8439.
  - 2. Metal Arts, Mandan, ND. Tel. (701) 663-6535.
  - 3. Mohawk Sign Systems, Inc., Schenectady, NY. Tel. (518) 370-3433.
  - 4. Scott Sign Systems, Inc., Sarasota, FL. Tel. (800) 237-9447.
- C. Substitutions shall fully comply with specified requirements and Section 0 162 14-Product Options and Substitution Procedures

## 2.02 SIGN SYSTEM

- A. Exterior Signage: Wall mounted LC Series, Helvetica and Helvetica Medium styles, size as shown on Drawings.
- B. Interior Signage: Wall or desktop mounted WS Series with rounded corners. Design so that paper insert can be installed from each end.
- C. Truss Emblem Signage (Exterior): Wall mounted, Helvetica Medium styles, size as shown on Drawings.

## 2.03 COMPONENTS – EXTERIOR SIGNAGE

- A. Material: Cast aluminum, projected mount with sleeve and stud.
- B. Finish: Baked enamel in manufacturer's standard color.

## 2.04 COMPONENTS – TRUSS EMBLEM SIGNAGE (EXTERIOR)

- A. Material: Emblem shall be made of (0.063) aluminum with a bright reflective paint or applied vinyl surface.
- B. Shape: Emblem shall be in the shape of an isosceles triangle measuring six (6) inches horizontally and three (3) inches vertically.
- C. Lettering: Emblem shall have letters printed in the center of the triangle based on the type of truss construction used in the building being identified by the emblem:
  - 1. "F" to signify a floor with truss construction.
  - 2. "R" to signify a roof with truss construction.
  - 3. "F/R" to signify both a floor and roof with truss construction.
- D. Colors and Graphics:
  - 1. Text style shall be Helvetica Medium.
  - 2. 3/8 inch wide white border shall be on all three sides.
  - 3. Center background triangle shall be red.
  - 4. 1-1/4 inch tall lettering (F, R, or F/R) shall be white and centered on red background.
  - 5. Along base (6 inch length) of triangle centered on the white border include the following 1/4 inch tall all capital lettering in red:
    - a. Do Not Remove By Order Of the Local Fire Inspector
- E. Accessories: Provide stainless steel mounting screws appropriate for surface to which sign will be mounted.

F. See suggested layout at the end of this Section.

#### 2.05 COMPONENTS – INTERIOR SIGNAGE

- A. Window Inserts: Laser printed paper insert with MDOT watermark. Text to be furnished by Owner.
- B. Sign Face: Clear Acrylic, 0.080-inch thick, matte first surface.
- C. Adhesive: Pressure sensitive, adhesive film on second surface.
- D. Insert Guide Rails: 0.040-inch thick vinyl tape.
- E. Tactile Laminate: Polyamid Resin.
- F. Laminating Base: Acrylic, 0.080-inch thick.
- G. Fasteners: 0.030- inch thick, double-face tape.
- H. Stand: Clear Acrylic, 0.080-inch thick.
- I. Sizes as follows:
  - 1. Type 1: 9 inches wide by 9 inches high. 1 inch top band. 2-1/2 inch high paper insert window running the full sign width. Bottom band to have Braille and tactile copy of room number only.
  - 2. Type 2: 9 inches wide by 9 inches high. International symbols in tactile copy. Room name and number text in Braille and tactile copy.
  - 3. Type 3: 9 inches wide by 9 inches high. 1 inch top band. 5 inch high paper insert window running the full sign width. Bottom band to have Braille and tactile copy of room number only.

#### 2.06 BRAILLE AND TACTILE COPY

- A. Comply with requirements of the 2010 Americans with Disabilities Act. Tactile copy to be raised 1/32-inch minimum from sign first surface by manufacturer's photomechanical stratification processes. Translation of copy into Braille shall be the responsibility of the manufacturer. Braille Tags shall be clear raster balls to be drilled and tapped using manufacturer's standard procedure complying with ADA.

#### 2.07 FINISHES – INTERIOR SIGNAGE

- A. Colors: Selected from manufacturer's standard.
- B. Surface Texture: Matte.

#### 2.08 FONT

- A. Shall be Helvetica Medium, unless noted otherwise.

PART 3 - EXECUTION

3.01 EXAMINATION

- A. Installer shall examine the substrates and conditions under which the specialty signs are to be installed and notify the Contractor in writing of conditions detrimental to the proper and timely completion of the Work. Do not proceed with the work until unsatisfactory conditions have been corrected in a manner acceptable to the Installer.

3.02 INSTALLATION – INTERIOR SIGNS

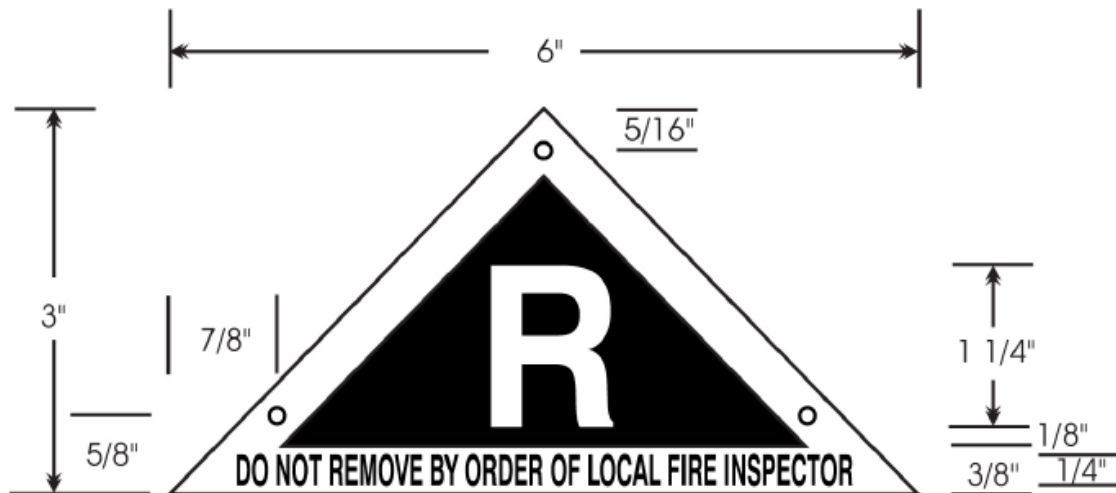
- A. Install sign units and components at the locations shown or scheduled, securely mounted with concealed theft-resistant fasteners, unless otherwise indicated. Attach signs to substrates in accordance with the manufacturer's instructions, unless otherwise shown.
- B. Install level, plumb, and at the proper height. Cooperate with other trades for installation of sign units to finish surfaces. Repair or replace damaged units as directed by the Project Engineer.
- C. Position sign on wall surface at locations and heights to comply with 2010 Americans with Disabilities Act.

3.03 INSTALLATION – TRUSS EMBLEM SIGNAGE

- A. Permanently affix emblem to the exterior of the building to the left of the main entrance door at a height of 5'-0" above the finish floor or grade.

3.04 SCHEDULES – INTERIOR SIGNS

- A. All interior doors shall have signs. Type below:
  - 1. Sign Type 1: Offices, Admin, single occupant, Conference, Break, Storage, Mechanical, Electrical, Janitor, and Ice/Utility
  - 2. Sign Type 2: Toilets and Shower
  - 3. Sign Type 3: TMC



TRUSS EMBLEM

END OF SECTION

SECTION 10 21 17 MOLDED ACRYLIC SHOWER UNITS

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Molded acrylic shower units as shown on the Drawings and as specified herein.

1.02 SUBMITTALS

- A. Submit manufacturer's brochures, technical data, installation instructions, maintenance and operating instructions, including data substantiating that materials comply with requirements.
- B. Samples: Submit two sets of samples of each color and finish of exposed materials and accessories required for review and selection from manufacturer's full line.

PART 2 - PRODUCTS

2.01 ACCEPTABLE MANUFACTURERS

- A. Equivalent products by the following manufacturers are acceptable:
  - 1. Aqua Bath Company, Inc., Tel. (800) 232-2284
  - 2. Lasco Bathware, Anaheim, CA. Tel. (800) 94 LASCO
  - 3. Aquarius Bathware, Savannah, TN Tel. (800) 443-7269.
- B. Substitutions shall fully comply with specified requirements and Section 01 62 14-Product Options and Substitution Procedures.

2.02 SHOWER UNITS

- A. Standard shower units shall be equal to Aqua Bath Company, Inc. model IS4136SH mod 4 inch, single piece shower units with smooth wall finish, center drain, molded toiletry shelf, grab bar, and ASTM F462 non-slip bottom.
  - 1. The shower enclosure shall be molded from a single sheet of acrylic so as not to have any joints or seams and shall meet ANSI Z124.2.
  - 2. The enclosure shall have inside dimensions of 36 inches wide x 36 inches deep x 78 inches high and outside dimensions of 41 inches wide x 37 inches deep x 84 inches high.
  - 3. Units shall include a 1 inch diameter, 18 gauge stainless steel curtain rod with a weighted antibacterial shower curtain and hooks.
  - 4. Provide hand held shower set.
    - a. Hand held shower set includes 60 inch flex hose, swivel connector, brass nipple, lock nut, wall outlet and vacuum breaker.
  - 5. 10 1/2 inch x 1 inch diameter, 18 gauge stainless steel towel bar with 1 1/2 inch safety statute clearance.
  - 6. Units shall include a sealed dome ceiling light.
  - 7. Finishes to be selected from manufacturer's full line of options.
  - 8. Provide 24 inch slide bar installed on valve wall for use with hand held shower set.
  - 9. Provide thermostatic control valve.

- B. ADA compliant transfer shower units shall be equal to Aqua Bath Company, Inc. model C 4136 BF-FUS 3/4 inch, single piece shower units with smooth wall finish, center drain, molded toiletry shelf, grab bar, ASTM F462 non-slip bottom, and fold down seat.
  - 1. The shower enclosure shall be molded from a single sheet of acrylic so as not to have any joints or seams and shall meet ANSI Z124.2.
  - 2. The enclosure shall have inside dimensions of 36 inches wide x 36 inches deep x 78 inches high and outside dimensions of 41 inches wide x 37 inches deep x 82 3/4 inches high.
  - 3. Units shall include an 18 inch vertical grab bar and a 31 3/4 inch x 15 3/4 inch wrap grab bar. Grab bars shall be 1 1/2 inch outside diameter.
  - 4. Units shall include a factory installed 34 inch "L" shaped phenolic fold-up seat with seat belt.
  - 5. Units shall include a 1 inch diameter, 18 gauge stainless steel curtain rod with a weighted antibacterial shower curtain and hooks.
  - 6. Provide hand held shower set.
  - 7. Units shall include a sealed dome ceiling light.
  - 8. Finishes to be selected from manufacturer's full line of options.

### PART 3 - EXECUTION

#### 3.01 PREPARATION AND COORDINATION

- A. Verify and provide all plumbing and electrical hook-ups, drains and electrical outlets required for proper operation prior to rough-in. Coordinate with Electrical and Plumbing subcontractors.

#### 3.02 INSTALLATION

- A. Remove shipping packaging and install components in strict accordance with manufacturer's instructions.
- B. Install units plumb and level, in locations and with mountings as shown. Securely attach to supporting structure in accordance with manufacturer's installation instructions.

#### 3.03 CLEANING AND PROTECTION

- A. At completion of installation, clean surfaces in accordance with manufacturer's instructions. Protect units from damage until acceptance by Owner.

END OF SECTION



SECTION 271300

COMMUNICATIONS BACKBONE CABLING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:
  - 1. Pathways.
  - 2. Outdoor, optical fiber cabling.
  - 3. Cabling identification products.

1.3 DEFINITIONS

- A. BICSI: Building Industry Consulting Service International.
- B. Cross-Connect: A facility enabling the termination of cable elements and their interconnection or cross-connection.
- C. EMI: Electromagnetic interference.
- D. LAN: Local area network.
- E. RCDD: Registered Communications Distribution Designer.

1.4 BACKBONE CABLING DESCRIPTION

- A. Backbone cabling system shall provide cable for connection by others between communications equipment rooms and existing fiber optic cabling system.

1.5 PERFORMANCE REQUIREMENTS

- A. General Performance: Backbone cabling system shall comply with transmission standards in TIA/EIA-568-B.1, when tested according to test procedures of this standard.

1.6 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For Installer, installation supervisor, and field inspector.
- B. Source quality-control reports.

## 1.7 QUALITY ASSURANCE

- A. Installer Qualifications: Cabling Installer must have personnel certified by BICSI on staff.
  - 1. Layout Responsibility: Preparation of field testing program development by an RCDD.
  - 2. Installation Supervision: Installation shall be under the direct supervision of Registered Technician, who shall be present at all times when Work of this Section is performed at Project site.
  - 3. Testing Supervisor: Currently certified by BICSI as an RCDD to supervise on-site testing.
- B. Testing Agency Qualifications: An NRTL.
  - 1. Testing Agency's Field Supervisor: Currently certified by BICSI as an RCDD to supervise on-site testing.
- C. Telecommunications Pathways and Spaces: Comply with TIA/EIA-569-A.
- D. Grounding: Comply with ANSI-J-STD-607-A.

## 1.8 DELIVERY, STORAGE, AND HANDLING

- A. Test cables upon receipt at Project site.
  - 1. Test optical fiber cable to determine the continuity of the strand end to end. Use optical fiber flashlight.
  - 2. Test optical fiber cable while on reels. Use an optical time domain reflectometer to verify the cable length and locate cable defects, splices, and connector, including the loss value of each. Retain test data and include the record in maintenance data.

## 1.9 COORDINATION

- A. Coordinate layout and installation of telecommunications pathways and cabling with Owner's telecommunications and LAN equipment and service suppliers.

## PART 2 - PRODUCTS

### 2.1 PATHWAYS

- A. General Requirements: Comply with TIA/EIA-569-A.
- B. Conduit and Boxes: Comply with requirements in Section 260533 "Raceway and Boxes for Electrical Systems." Flexible metal conduit shall not be used.

### 2.2 BACKBOARDS

- A. Backboards: Plywood, fire-retardant treated, 3/4 by 48 by 96 inches (19 by 1220 by 2440 mm). Comply with requirements in Section 061000 "Rough Carpentry" for plywood backing panels.

### 2.3 OPTICAL FIBER CABLE

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
  - 1. Corning Freedom LST All-Dielectric
  - 2. Pirelli Centralink
  
- B. Description: Singlemode, outdoor plant cable, 12-fiber, loose tube central core, optical fiber cable.
  - 1. Comply with ICEA S-83-596 for mechanical properties.
  - 2. Comply with TIA/EIA-568-B.3 for performance specifications.
  - 3. All-dielectric, inside plant, loose tube central core cable
  - 4. High tensile strength yarn surrounding the central tube core
  - 5. Dry water blocking materials and construction
  - 6. 12-fiber cable with 12 individual stranded fibers
  - 7. Corning Freedom LST All-Dielectric, Pirelli Centralink, shall be provided. This cable shall be designated as the building entry cable.
  - 8. The Contractor shall ensure that the cable can withstand a maximum pulling tension of 300 pounds (lbf) during installation.
  - 9. The cable shall have a shipping, storage and operating temperature range of -30°C to +70°C and an installation temperature range of -10°C to +60°C shall be provided.
  
- C. Jacket:
  - 1. Cable cordage jacket, fiber, unit, and group color shall be according to TIA/EIA-598-B.
  - 2. Imprinted with fiber count, fiber type, and aggregate length at regular intervals not to exceed 40 inches (1000 mm).

### 2.4 GROUNDING

- A. Comply with requirements in Section 260526 "Grounding and Bonding for Electrical Systems" for grounding conductors and connectors.
  
- B. Comply with ANSI-J-STD-607-A.

### 2.5 IDENTIFICATION PRODUCTS

- A. Comply with TIA/EIA-606-A and UL 969 for a system of labeling materials, including label stocks, laminating adhesives, and inks used by label printers.

### 2.6 SOURCE QUALITY CONTROL

- A. Testing Agency: Engage a qualified testing agency to evaluate cables.
  
- B. Factory test multimode optical fiber cables according to TIA/EIA-526-14-A and TIA/EIA-568-B.3.
  
- C. Cable will be considered defective if it does not pass tests and inspections.

- D. Prepare test and inspection reports.

### PART 3 - EXECUTION

#### 3.1 ENTRANCE FACILITIES

- A. Coordinate backbone cabling with the protectors and demarcation point provided by communications service provider.

#### 3.2 INSTALLATION OF PATHWAYS

- A. Comply with requirements for demarcation point, pathways, cabinets, and racks specified in Section 271100 "Communications Equipment Room Fittings." Drawings indicate general arrangement of pathways and fittings.
- B. Comply with TIA/EIA-569-A for pull-box sizing and length of conduit and number of bends between pull points.
- C. Comply with requirements in Section 260533 "Raceway and Boxes for Electrical Systems" for installation of conduits and wireways.
- D. Install manufactured conduit sweeps and long-radius elbows whenever possible.
- E. Pathway Installation in Communications Equipment Rooms:
  - 1. Position conduit ends adjacent to a corner on backboard where a single piece of plywood is installed, or in the corner of room where multiple sheets of plywood are installed around perimeter walls of room.
  - 2. Install cable trays to route cables if conduits cannot be located in these positions.
  - 3. Secure conduits to backboard when entering room from overhead.
  - 4. Extend conduits 3 inches (76 mm) above finished floor.
  - 5. Install metal conduits with grounding bushings and connect with grounding conductor to grounding system.

#### 3.3 INSTALLATION OF CABLES

- A. Comply with NECA 1.

B. General Requirements for Cabling:

1. Comply with TIA/EIA-568-B.1.
2. Comply with BICSI ITSIM, Ch. 6, "Cable Termination Practices."
3. Do not terminate conductors.
4. Install lacing bars to restrain cables, to prevent straining connections, and to prevent bending cables to smaller radii than minimums recommended by manufacturer.
5. Bundle, lace, and train conductors to terminal points without exceeding manufacturer's limitations on bending radii, but not less than radii specified in BICSI ITSIM, "Cabling Termination Practices" Chapter. Use lacing bars and distribution spools.
6. Do not install bruised, kinked, scored, deformed, or abraded cable. Do not splice cable between termination, tap, or junction points. Remove and discard cable if damaged during installation and replace it with new cable.
7. Cold-Weather Installation: Bring cable to room temperature before dereeling. Heat lamps shall not be used for heating.
8. In the communications equipment room, install a 10-foot- (3-m-) long service loop on each end of cable.
9. Pulling Cable: Comply with BICSI ITSIM, Ch. 4, "Pulling Cable." Monitor cable pull tensions.

C. Optical Fiber Cable Installation:

1. Comply with TIA/EIA-568-B.3.

D. Open-Cable Installation:

1. Install cabling with horizontal and vertical cable guides in telecommunications spaces.
2. Cable shall not be run through structural members or in contact with pipes, ducts, or other potentially damaging items.

E. Separation from EMI Sources:

1. Comply with BICSI TDMM and TIA/EIA-569-A recommendations for separating unshielded copper voice and data communication cable from potential EMI sources, including electrical power lines and equipment.
2. Separation between open communications cables or cables in nonmetallic raceways and unshielded power conductors and electrical equipment shall be as follows:
  - a. Electrical Equipment Rating Less Than 2 kVA: A minimum of 5 inches (127 mm).
  - b. Electrical Equipment Rating between 2 and 5 kVA: A minimum of 12 inches (300 mm).
  - c. Electrical Equipment Rating More Than 5 kVA: A minimum of 24 inches (610 mm).
3. Separation between communications cables in grounded metallic raceways and unshielded power lines or electrical equipment shall be as follows:
  - a. Electrical Equipment Rating Less Than 2 kVA: A minimum of 2-1/2 inches (64 mm).
  - b. Electrical Equipment Rating between 2 and 5 kVA: A minimum of 6 inches (150 mm).
  - c. Electrical Equipment Rating More Than 5 kVA: A minimum of 12 inches (300 mm).

4. Separation between communications cables in grounded metallic raceways and power lines and electrical equipment located in grounded metallic conduits or enclosures shall be as follows:
  - a. Electrical Equipment Rating Less Than 2 kVA: No requirement.
  - b. Electrical Equipment Rating between 2 and 5 kVA: A minimum of 3 inches (76 mm).
  - c. Electrical Equipment Rating More Than 5 kVA: A minimum of 6 inches (150 mm).
5. Separation between Communications Cables and Electrical Motors and Transformers, 5 kVA or HP and Larger: A minimum of 48 inches (1200 mm).
6. Separation between Communications Cables and Fluorescent Fixtures: A minimum of 5 inches (127 mm).

### 3.4 FIRESTOPPING

- A. Comply with requirements in Section 078413 "Penetration Firestopping."
- B. Comply with TIA/EIA-569-A, Annex A, "Firestopping."
- C. Comply with BICSI TDMM, "Firestopping Systems" Article.

### 3.5 GROUNDING

- A. Install grounding according to BICSI TDMM, "Grounding, Bonding, and Electrical Protection" Chapter.
- B. Comply with ANSI-J-STD-607-A.
- C. Bond metallic equipment to the grounding bus bar, using not smaller than No. 6 AWG equipment grounding conductor.

### 3.6 IDENTIFICATION

- A. Identify system components, wiring, and cabling complying with TIA/EIA-606-A. Comply with requirements for identification specified in Section 260553 "Identification for Electrical Systems." The Contractor shall provide cable with outer jacket marking using the following template:
  1. Manufacturer's Name - "Optical Cable" - Month/Year of Manufacture - Telephone Handset Symbol - "MDOT" - "12F SM"
- B. The Contractor shall include in the outer jacket marking the cable sequential length in accordance with the following:
  1. English units every two (2) feet.
  2. Within -0/+1% of the actual length of the cable
  3. Contrasting color to the cable jacket
  4. Marking font height no less than 0.10 inch
  5. The sequential length markings do not run through "00000" on any single length of cable on a reel

- C. Cable Schedule: Install in a prominent location in each equipment room and wiring closet. List incoming and outgoing cables and their designations, origins, and destinations. Protect with rigid frame and clear plastic cover. Furnish an electronic copy of final comprehensive schedules for Project.
- D. Cable and Wire Identification:
  - 1. Label each cable within 4 inches (100 mm) of each end, where it is accessible in a junction box, and elsewhere as indicated.
- E. Labels shall be preprinted or computer-printed type with printing area and font color that contrasts with cable jacket color but still complies with requirements in TIA/EIA 606-A, for the following:
  - 1. Cables use flexible vinyl or polyester that flexes as cables are bent.

### 3.7 FIELD QUALITY CONTROL

- A. Testing Agency: A qualified testing agency to perform tests and inspections.
- B. Perform tests and inspections.
- C. Tests and Inspections:
  - 1. Visually inspect optical fiber jacket materials for NRTL certification markings.
  - 2. Visually inspect cable placement, grounding and bonding and labeling of all components.
  - 3. Optical Fiber Cable Tests:
    - a. Test instruments shall meet or exceed applicable requirements in TIA/EIA-568-B.1. Use only test cords and adapters that are qualified by test equipment manufacturer for channel or link test configuration.
    - b. Link End-to-End Attenuation Tests:
      - 1) Horizontal and multimode backbone link measurements: Test at 850 or 1300 nm in 1 direction according to TIA/EIA-526-14-A, Method B, One Reference Jumper.
      - 2) Attenuation test results for backbone links shall be less than 2.0 dB. Attenuation test results shall be less than that calculated according to equation in TIA/EIA-568-B.1.
- D. Data for each measurement shall be documented. Data for submittals shall be printed in a summary report that is formatted similar to Table 10.1 in BICSI TDMM, or transferred from the instrument to the computer, saved as text files, and printed and submitted.
- E. Remove and replace cabling where test results indicate that they do not comply with specified requirements.
- F. Prepare test and inspection reports.

END OF SECTION 27 13 00

Construction of Gulf Coast Regional Office/First Responders' Building, known as State Project Nos. BWO-6208-24(001) / 502085301 & 302 in Harrison County.

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
					<b>Roadway Items</b>
0010	201-A001		1	Lump Sum	Clearing and Grubbing
0020	203-A004	(E)	224	Cubic Yard	Unclassified Excavation, LVM, AH
0030	203-EX002	(E)	3,133	Cubic Yard	Borrow Excavation, AH, LVM, Class B1
0040	234-A001		629	Linear Feet	Temporary Silt Fence
0050	607-B043		113	Linear Feet	84" Type II Chain Link Fence, Class I
0060	607-G126		1	Each	Gate, 4' x 7' Chain Link
0062	607-G127		3	Each	Gate, 5' x 7' Chain Link
					Added 01/15/2013
0063	607-G128		1	Each	Gate, 6' x 7' Chain Link
					Added 01/15/2013
0070	607-G129		1	Each	Gate, 24' x 7' Double Chain Link
0080	607-P2007		7	Each	Brace Post, 7' x 2 1/2" Galvanized Steel
0090	607-P3021		10	Each	Gate Post, 7' x 2 1/2" Galvanized Steel
					Changed 01/15/2013
0100	607-P3022		2	Each	Gate Post, 7' x 3 1/2" Galvanized Steel
0110	609-D006	(S)	191	Linear Feet	Combination Concrete Curb and Gutter Type 1 Modified
0120	620-A001		1	Lump Sum	Mobilization
0130	907-237-A003		300	Linear Feet	Wattles, 20"
0140	907-242-A006		1	Lump Sum	Construction of Gulf Coast Regional Office /First Responder Shelter - BASE BID
0150	907-242-A006		1	Lump Sum	Construction of Gulf Coast Regional Office Building/First Responder Shelter - FEMA UPGRADE
0160	907-242-PP001		1	Lump Sum	Water and Sewer Improvements, Per Plans
0170	907-258-N001		18	Each	Car Stop
0175	907-607-PP001		598	Linear Feet	Temporary Construction Fence
					Added 01/15/2013
0180	907-607-PP002		2	Each	Temporary Construction Double Gate
					Added 01/15/2013