

Mark C. McConnell
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May 24, 2013

ADDENDUM 1
DB/IM-0055-02(226) / 105444303 &
DB/IM-0055-02(226) / 105444304
Lincoln & Pike County

Dear Sir or Madam:

Please attach to and make a part of the proposal assembly the attached sheets:

Replaced page 42 with same; Added page 42A; Added page 132A; Replaced page 353 with same; Replaced page 356 with same; Replaced page 362 with same. Also attached is Sheet 2 of Section 905 – Proposal (Addendum No. 1), this sheet should be substituted for similar sheet now in the proposal.

Kindly acknowledge receipt and attachment of the proposal sheets by signing below and returning this letter.

Yours very truly

Mark A. Turner, PE
B.B. House, P.E.
Contract Administration Engineer

Contractor

By _____

Date _____

SECTION 905 -- PROPOSAL (CONTINUED)

I (We) enclose a certified check, cashier's check or bid bond for **five percent (5%) of total price proposed** 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 (proposal guarantee 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 5/24/2013 ADDENDUM NO. DATED
 ADDENDUM NO. DATED ADDENDUM NO. DATED

Number	Description
1	Replaced page 42 with same; Added page 42A; Added page 132A; Replaced page 353 with same; Replaced page 356 with same; Replaced page 362 with same.

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.

DB/IM-0055-02(226) / 105444303 DB/IM-0055-02(226) / 105444304 Lincoln & Pike County(ies)

Revised 09/21/2005

work listed above as detailed on the Contractor's Schedule Certificate, made a part of this Project by reference.

With the exception of I-55 SB, south of the Tangipahoa River, the project limits are 100 feet in advance of the existing or proposed guardrail to a distance of 100 feet beyond the end of the bridge for widened bridges. The project limits for the southbound bridge over the Tangipahoa River will be extended to 500 feet south of the bridge, in order to include the area for the required slab replacement noted below.

Along I-55 at the SR 24 Interchange, project limits are 1000 feet either side of the I-55 overpass bridges and 100 feet past the ends of the existing ramp tie-ins.

At the new I-55 SB exit ramp, the Contractor shall construct two lanes to accommodate two left turn lanes where the SB I-55 ramp intersects SR 24 as shown in the Interchange Modification Report, which is available on the MDOT web site. A traffic signal shall be installed to guide the traffic along SR 24/US 98 EB and WB along with the I-55 SB off ramp at the SB exit ramp. Traffic turning movements for all ramps shall be designed as shown in the I-55/SR 24 Interchange Modification Report.

Work within the Project limits includes, but is not limited to:

- Utility Coordination.
- Removal and disposal of all or necessary portions of the existing bridge to accomplish the improvements.
- Removal of existing loop ramps and grade to natural conditions.
- Bridge widening.
- Bridge replacement.
- SR 24 Median modifications.
- Concrete and asphalt paving.
- Remove existing joint armor, repair and seal joints for all existing bridges to be widened that are included in the Contractor's Schedule Certificate.
- Remove existing non-integral bent bearing assemblies and replace with new elastomeric bearing pad assemblies for the following existing bridges to be widened that are included in the Contractor's Schedule Certificate:
 - I-55 NB and SB over SR24/98
 - I-55 NB and SB over Tangipahoa River
 - I-55 NB and SB over Beaver Creek
- Remove excess debris and clean entire surface of caps at all interior and end bent locations.
- Replacement of cracked concrete slab (12' x 21') on I-55 SB, approximately 310 feet south of the Tangipahoa River (See Detail attached).
- Lane widening shall match existing pavement structure. If existing structure includes an asphalt overlay, the paving bracket shall be designed to accommodate the full concrete pavement depth and a 1.5 inch asphalt overlay.
- The new shoulder shall be a minimum of 6 inches of Class 6, Group D granular material (base) and a minimum of 5.75 inches of Warm or Hot Mix Asphalt.

- Installation and maintenance of temporary erosion control.
- Install necessary embankment material.
- Traffic Signals located at intersection I-55 SB ramps and SR 24/US 98.

SECTION 906

**NOTICE OF REQUIREMENTS FOR AFFIRMATIVE
ACTION TO ENSURE EQUAL EMPLOYMENT
OPPORTUNITY (EXECUTIVE ORDER 11246)**

1. The Offeror's or Bidder's attention is called to the "Equal Opportunity Clause" and the "Standard Federal Equal Employment Opportunity Construction Contract Specifications" set forth herein.

2. The goals and timetables for minority and female participation, expressed in percentage terms for the Contractor's aggregate workforce in each trade on all construction work in the covered area, are as follows:

Timetables	Goals for female participation in each trade (percent)
From April 1, 1978 until March 31, 1979	3.1
From April 1, 1979 until March 31, 1980	5.1
From April 1, 1980 until March 31, 1981	6.9

Until further notice	Goals for minority participation for each trade (percent)
	30.4

SHSA Cities:

Pascagoula - Moss Point-----	16.9
Biloxi - Gulfport-----	19.2
Jackson-----	30.3

SMSA Counties:

Desoto-----	32.3
Hancock, Harrison, Stone-----	19.2
Hinds, Rankin-----	30.3
Jackson-----	16.9

Non-SMSA Counties:

George, Greene-----	26.4
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Alcorn, Benton, Bolivar, Calhoun, Carroll, Chickasaw, Clay, Coahoma, Grenada, Itawamba, Lafayette, Lee, Leflore, Marshall, Monroe, Montgomery, Panola, Pontotoc, Prentiss, Quitman, Sunflower, Tallahatchie, Tate, Tippah, Tishomingo, Tunica, Union, Washington, Webster, Yalobusha-----	26.5
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Attala, Choctaw, Claiborne, Clarke, Copiah, Covington, Franklin, Holmes, Humphreys, Issaquena, Jasper, Jefferson, Jefferson Davis, Jones Kemper, Lauderdale, Lawrence, Leake, Lincoln, Lowndes, Madison, Neshoba, Newton, Noxubee, Oktibbeha, Scott, Sharkey, Simpson, Smith, Warren, Wayne, Winston, Yazoo-----	32.0
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Forrest, Lamar, Marion, Pearl River, Perry, Pike, Walthall-----	27.7
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Adams, Amite, Wilkinson-----	30.4
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These goals are applicable to all the Contractor's construction work (whether or not it is Federal or federally assisted) performed in the covered area. If the contractor performs construction work in a geographical area located outside of the covered area, it shall apply the goals established for such geographical area where the work is actually performed. With regard to this second area, the contractor also is subject to the goals for both its federally involved and nonfederally involved construction.

The Contractor's compliance with the Executive Order and the regulations in CFR Part 60-4 shall be based on its implementation of the Equal Opportunity clause, specific affirmative action obligations required by the specifications set forth in 41 CFR 60-4.3(a), and its efforts to meet the goals. The hours of minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade, and the Contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority or female employees or trainees from Contractor to Contractor or from project to project for the sole purpose of meeting the Contractor's goals shall be a violation of the contract, the Executive Order and the regulations in 41 CFR Part 60-4. Compliance with the goals will be measured against the total work hours performed.

3. The Contractor shall provide written notification to the Director of the Office of Federal Contract Compliance Programs within 10 working days of award of any construction subcontract in excess of \$10,000 at any tier for construction work under the contract resulting from this solicitation. The notification shall list the name, address and telephone number of the subcontractor, employer identification number of the subcontractor, estimated dollar amount of the subcontract; estimated starting and completion dates of the subcontract; and the geographical area in which the subcontract is to be performed.

4. As used in this Notice, and in the contract resulting from this solicitation, the "covered area" is to the county and city (if any), stated in the advertisement.

5. The notification required in Paragraph 3 shall be addressed to the following:

Contract Compliance Officer
Mississippi Department of Transportation
P.O. Box 1850
Jackson, Mississippi 39215-1850

SECTION 11.0 – SIGNING, PAVEMENT MARKING AND TRAFFIC SIGNALS

1/4/2010

MDOT Pavement Marking Policy

	ASPHALT			OPEN GRADED FRICTION COURSE			CONCRETE		
	ADT < 2000	ADT 2000 - 30k	ADT > 30k	ADT < 2000	ADT 2000 - 30k	ADT > 30k	ADT < 2000	ADT 2000 - 30k	ADT > 30k
	EDGE LINES	Rumble Stripe Paint (waterborne or high build) or Thermoplastic	Rumble Stripe Thermoplastic	Rumble Stripe Thermoplastic (90 mils) (Double-Drop)	Paint (waterborne or high build) or Thermoplastic	Thermoplastic	Thermoplastic (90 mils) (Double-Drop)	Paint (waterborne or high build), Thermoplastic, High Performance Cold Plastic Tape or Inverted Profile Thermoplastic or approved equal	Thermoplastic (90 mils)(Double-Drop), High Performance Cold Plastic Tape or Inverted Profile Thermoplastic or approved equal
CENTERLINES & LANELINES	Paint (waterborne or high build) or Thermoplastic & RPM's	Thermoplastic & RPM's	Thermoplastic (Double-Drop) & RPM's	Paint (waterborne or high build) or Thermoplastic & RPM's	Thermoplastic & RPM'S	Thermoplastic (90 mils) (Double-Drop) & RPM's	Paint(waterborne or high build), Thermoplastic, High Performance Cold Plastic Tape or Inverted Profile Thermoplastic or approved equal & RPM's	Thermoplastic (90 mils)(Double- Drop)High Performance Cold Plastic Tape or Inverted Profile Thermoplastic or approved equal & RPM's	Thermoplastic (90 mils)(Double- Drop)High Performance Cold Plastic Tape or Inverted Profile Thermoplastic or approved equal & RPM's
SYMBOLS	Paint (waterborne or high build) or Thermoplastic	Thermoplastic	Thermoplastic (120 mils)	Paint (waterborne or high build) or Thermoplastic	Thermoplastic	Thermoplastic (120 mils)	Paint (waterborne or high build), Thermoplastic, High Performance Cold Plastic Tape	Thermoplastic (120 mils)(Double-Drop), High Performance Cold Plastic Tape	Thermoplastic (120 mils)(Double-Drop), High Performance Cold Plastic Tape

NOTES:

- 1) Rumble Strips are required on the shoulders of new concrete pavement and open graded friction courses.
- 2) Rumble Stripe and Rumble Strips may be omitted from residential or business areas within the corporate limits of a city, or where curb and gutter gutter is present.
- 3) In places where two (2) foot paved shoulders cannot be provided, Rumble Stripes and Rumble Strips will not be required.
- 4) The District has the option to require the Double-Drop Bead system on routes with ADT < 30k.
- 5) If lane widths are less than 11 feet, rumble stripe is not required.
- 6) The use of any product that is not listed above shall require Chief Engineer approval, otherwise options are at the discretion of the District Engineer.
- 7) For concrete bridges and pavements, a minimum of two (2) products shall be competitively bid against each other if thermoplastic or paint is not used.

 Date
Larry L. Butts-Brown
Executive Director

 Date
Andrew Hughes
FHWA Division Administrator

SECTION 13.0 – ROADWAYS AND PAVEMENTS

13.7 Pavement Design Life

All pavements shall be designed based on equivalent 18,000-pound single-axle loads.

Pavement design shall be based on the following:

Location	20-Year Design of 18 KIP ESALS From Base Year	35-Year Design of 18 KIP ESALS From Base Year
	Asphalt Pavement	Concrete Pavement
I-55 Mainline	34,952,000	99,900,000
<u>SR 24</u>	<u>7,602,000</u>	<u>23,513,000</u>
I-55 Ramps at SR 24	7,602,000	22,200,000

13.8 Pavement Selection

The pavement structure design shall be based on subgrade data developed through Contractor's geotechnical investigation.

The pavement shall be designed, constructed and maintained with adequate surface drainage to prevent pavement structure problems.

The minimum pavement thickness shall be as follows:

Minimum Pavement Thickness

Location	Minimum Asphalt Thickness	Minimum Concrete Thickness
I-55 Mainline	10 inches	11 inches
<u>SR 24</u>	<u>6 inches</u>	<u>8 inches</u>
I-55 Ramps at SR 24	6 inches	8 inches

Note: A 2 inch layer of HMA is required between the Concrete pavement and the base material.

SECTION 15.0 – WIDENED STRUCTURES

- Shallow-depth square precast-prestressed concrete girders with an 8” minimum cast-in-place concrete deck (Little Tangipahoa River site only),
- precast-prestressed post-tensioned concrete girders with a cast-in-place concrete deck,
- steel plate girders with a cast-in-place concrete deck,
- cast-in-place concrete slabs (for existing slab bridges only),
- cast-in-place concrete voided slabs(for existing slab bridges only),

In no case shall the exterior girders have less carrying capacity than an interior girder.

2. Continuity at the substructure locations of the widened portion of the bridge shall match the continuity of the existing bridge.
3. Bridge superstructures that have continuity over piers shall have the same number of girders in each span of the continuous section.
4. Use of stay-in-place metal deck forms is permissible. Welding required for form installation shall be performed by certified welders.
5. Precast concrete deck panels shall not be used.
6. Bridge deck cross slope shall match the existing bridge cross slope.
7. The existing bridge deck may be removed only up to the outside face of the top flange of the exterior girder or the exterior web of a box girder. Slab bridges shall have the removal line located by design. At the removal line the existing concrete bridge shall be saw cut to a depth of 1 inch below the top of deck to provide a neat construction joint surface.
8. No fracture critical members, connections, or pin and link type connections are allowed.
9. Structures shall have members and details that utilize redundant load paths.
10. All steel plate girder spans shall be curved to match the horizontal curvature of the alignment. Precast-prestressed concrete girder spans shall not be utilized when the horizontal curvature of the alignment results in an offset of 10-inches or more in a span measured between the chord as defined by the straight girder and the curve.
11. All girders shall be braced immediately after erection. See Notice To Proposers 4085 for more information.

15.3.2 Bridge Substructures

Bridge substructures (including abutments) shall be reinforced concrete components supported by deep foundations. New bridge piers and foundations shall be designed to resist all loads generated by the additional bridge width. This width shall be measured from the outside edge of the existing girder or web. Bridge pier caps shall be physically connected to the existing bridge when the existing superstructure is not integral with the bridge pier.