

**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. <u>  1  </u>	DATED <u>  2/19/16  </u>	ADDENDUM NO. _____	DATED _____
ADDENDUM NO. <u>  2  </u>	DATED <u>  2/19/16  </u>	ADDENDUM NO. _____	DATED _____

- |        |  |
|--------|--|
| Number | Description  |
| 1      | Replaced page 21 with same.  |
| 2      | Replaced page 26 with same; added page 33a; replaced page 43 with same; replaced pages 45-46 with same; replaced page 76 with same; added page 84a; replaced page 306 with same. |

TOTAL ADDENDA:   2    
(Must agree with total addenda issued prior to opening of bids)

Respectfully Submitted,

DATE \_\_\_\_\_

\_\_\_\_\_  
Contractor

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

TITLE \_\_\_\_\_

ADDRESS \_\_\_\_\_

(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.

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION**  
**Table of Contents**

**PROJECT: Interstate 55 Bridge Preservation in DeSoto, Tate, and Panola Counties, Mississippi.**  
**Project Nos. DB/IM-9999-02(253)/106720-301000, 302000, 303000**

**Section 904 – NOTICE TO PROPOSERS**

# 1 DB	Governing Specifications
# 3 DB	Final Clean-Up
# 1405 DB	Errata & Modifications to 2004 Standard Specifications
# 1928 DB	Federal Bridge Formula
<u># 2168 DB</u>	<u>Fuel and Material Adjustments</u>
# 2382 DB	Status of ROW with attachments
# 2618 DB	Project Scope
# 3512 DB	Wage Rates
# 3581 DB	Storm Water Discharge Associated with Construction Activity ( $\geq 5$ Acres)
# 3585 DB	Safety Edge
# 4488 DB	DBE Forms, Participation and Payment
# 5266 DB	Disadvantaged Business Enterprises with supplement
# 5302 DB	Additional Construction Requirements
# 5303 DB	Erosion Control Requirements
# 5405 DB	Traffic Control Devices
# 5412 DB	Weight Limits
# 5556 DB	DUNS Requirement for Federal Funded Projects
# 6001 DB	Barn Swallows
# 6002 DB	Bridge Priority
# 6003 DB	Remove and Reset of Cable Barrier
# 6004 DB	Lane Closure Restrictions – Mandatory Bridges
# 6005 DB	Lane Closure Restrictions – Optional Bridges
# 6006 DB	State Furnished Materials
# 6007 DB	Temporary Barriers
# 6008 DB	Temporary Crossovers
# 6009 DB	Service Patrol
# 6010 DB	Construction Access
# 6011 DB	Requirements for Handling of Lead Paint
<u># 6012 DB</u>	<u>Extended Lane Closures versus Head-to-Head Traffic on Mandatory Bridges</u>

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION**

**SECTION 904 - NOTICE TO PROPOSERS NO. 2168 DB** **CODE: (SP)**

**DATE: 07/01/2014**

**SUBJECT: Fuel and Material Adjustments**

Proposers are advised that **NO FUEL OR MATERIAL ADJUSTMENT**, as addressed in Subsection 109.07 of the Standard Specifications, will be allowed on this Project.

## MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO PROPOSERS NO. 2618 DB

CODE: (SP)

DATE: ~~024/1829~~/2016

SUBJECT: Project Scope

PROJECT: Interstate 55 Bridge Preservation in DeSoto, Tate, and Panola Counties,  
Mississippi  
Project No. DB/IM-9999-02(253)/106720-301000, 302000, 303000

The Project shall include bridge preservation activities **on up** to twelve (12) bridges on Interstate 55 in DeSoto, Tate, and Panola Counties. Four (4) of the bridges are **Mandatory**, and eight (8) of the bridges are **Optional**. The specific structural repairs necessary at each bridge for this Project are identified below. The Commission intends to maximize the scope of work identified below.

This Project may include, but is not limited to, the following repairs: partial and full depth bridge deck hydrodemolition and replacement, bridge deck sealing, temporary bridge shoring during repairs, bridge deck crack sealing, concrete overlaying, temporary construction crossovers in the median, bridge rail replacement, end bent modification to accept the current MDOT bridge rails, guardrail modification to accept the current MDOT bridge rails, joint armor removal, joint repair, joint sealing, endwall repair, cleaning, painting, and lubrication of bearings or replacement of bearings, repair to damaged superstructure and substructure elements, repair and protection of roadway embankments beneath bridges, approach slab repair, seismic retrofits, bridge cleaning including the interior of reinforced concrete box girders, and bridge jacking.

The scope of work for this Project will include, but is not limited to, the following design and construction work items:

### Design:

- Evaluation and analysis of existing conditions at each repair location
- Preliminary and final bridge superstructure and substructure design/repair and plan preparation
- Preliminary and final roadway design and plan preparation
- Temporary shoring design
- Hydraulic design
- Erosion control plans
- Traffic control plan
- Utility coordination
- Environmental coordination
- Quality control for design
- Surveying/staking
- Signing

(<http://sp.mdot.ms.gov/RoadwayDesign/Pages/home.aspx>), any Special Provisions, Notice to Proposers, current MDOT publications and test methods including, but not limited to, the Construction Manual, the Materials Division Inspection, Testing and Certification Manual, and existing AASHTO or ASTM publications and test methods.

For each bridge, the limits of construction shall be two (2) miles in advance of each bridge and two (2) miles beyond each bridge. Additional activities as indicated in the RFP may be required outside of the limits of construction in order to complete the Project.

The following specific Work items shall be completed for the following **Mandatory** bridges (1-4):

**1. Bridge #272.9A, Bridge ID 14621, I-55 Southbound over Coldwater River in Tate County:**

- a. Modify or replace the existing bridge rail.
- b. ~~Remove all bituminous patches.~~ Remove all loose or delaminated deck patches and concrete from the top surface of the deck. Patch top surface of deck to provide bonding surface for High Friction Surface Treatment. Seal cracks in the top surface of the deck with a sealant compatible with the High Friction Surface Treatment. Apply High Friction Surface Treatment to the top surface of the deck.
- ~~c. Remove joint armor at bents 3, 4, 5, 6, 8, 13, 14, 15, 17, 18, 21, 27, 28, 32, 33, 35, 36, and 38.~~
- c. Remove joint armor at bents 1, 2, 3, 9, 10, 11, 12, 13, 14, 15, 18, 19, 20, 25, 26, 31, 32, 34, 35, and 40.
- d. Seal all deck joints with preformed joint seal.
- e. Replace bearings at pier I, span 15, piers II and III, and pier IV, span 17.
- f. Repair south face and span 17 bearing area of pier IV cap.
- g. At bent 22, jack span 25 to match the existing grade of span 26.
- h. At bent 22, repair ends of beams to original sections in span 25.
- i. Check to ensure all nuts and bolts on the bearing seat length extensions are in place and properly tightened. Prior to retightening nuts that are found to be loose, apply a nut locking adhesive.
- j. Epoxy inject all cracks in the sides and bottom of the box girder that are greater than 0.025" wide.
- k. Patch spalls in the bottom of the box girder.
- l. Clean the interior of the box girder to remove any asphalt or other debris.
- m. Repair bridge abutment embankments.

**2. Bridge #272.9B, Bridge ID 14622, I-55 Northbound over Coldwater River in Tate County:**

- a. Modify or replace the existing bridge rail.

b. Remove all bituminous patches. Remove all loose or delaminated deck patches and concrete from the top surface of the deck. Patch top surface of deck to provide bonding surface for High Friction Surface Treatment. Seal cracks in the top surface of the deck with a sealant compatible with the High Friction Surface Treatment. Apply High Friction Surface Treatment to the top surface of the deck.

c. Remove joint armor at bents 3, 4, 5, 6, 8, 13, 14, 15, 17, 18, 21, 27, 28, 32, 33, 35, 36, and 38.

~~e.g. Remove joint armor at bents 1, 2, 3, 9, 10, 11, 12, 13, 14, 15, 18, 19, 20, 25, 26, 31, 32, 34, 35, and 40.~~

- d. Seal all deck joints with preformed joint seal.
- e. Replace bearings at pier I, span 15, piers II and III, and pier IV, span 17.
- f. Repair north face and span 15 bearing area of pier I cap.
- g. Repair south face and span 17 bearing area of pier IV cap.
- h. At bent 35, jack span 39 to match the existing grade of span 38.
- i. At bent 35, repair tee beams in span 39.
- j. Check to ensure all nuts and bolts on the bearing seat length extensions are in place and properly tightened. Prior to retightening nuts that are found to be loose, apply a nut locking adhesive.
- k. Epoxy inject all cracks in the sides and bottom of the box girder that are greater than 0.025" wide.
- l. Patch spalls in the bottom of the box girder.
- m. Clean the interior of the box girder to remove any asphalt or other debris.
- n. Repair bridge abutment embankments.

A weather monitoring system is located on this bridge. Prior to construction of the Project, MDOT will remove the weather monitoring system.

**3. Bridge #276.9A, Bridge ID 10918, I-55 Southbound over Slocum Road in DeSoto County:**

- a. Modify or replace the existing bridge rail.
- b. Remove and replace the top portion of the bridge deck.
- c. Seal all deck joints with preformed joint seal.
- d. Replace bearings at all bents.
- e. Epoxy inject all cracks in the sides and bottom of the box girder that are greater than 0.025" wide.
- f. Repair bridge abutment embankments.
- g. Clean the interior of the box girder to remove any asphalt or other debris.
- h. Patch spalls in the bottom and sides of the box girder.
- i. Remove joint armor at bents 1 and 4.
- j. Repair endwalls at bents 1 and 4.

A traffic counter is located north of this bridge. Prior to construction of the Project, MDOT will remove the traffic counter.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO PROPOSERS NO. 6004 DB

CODE: (SP)

DATE: ~~10/18/2016~~ 10/18/2016

SUBJECT: Lane Closure Restrictions – Mandatory Bridges

Proposers are hereby advised of the following lane closure restrictions that shall apply to the **Mandatory** bridges (Coldwater Bridges and Slocum Road Bridges) included in this contract:

1. Lane closures will NOT be allowed Monday thru Friday from 6:00 AM to 8:00 AM on the Northbound bridges and from 3:00 PM to 6:00 PM on the Southbound bridges. These are considered NORMAL lane closure restrictions.
2. The Contractor will be allowed to have one (1) EXTENDED lane closure for each lane for each bridge (Northbound and Southbound) at the Coldwater River and Slocum Road subject to the following conditions: For the bridges at the Coldwater River, the Contractor will be allowed to have one (1) EXTENDED lane closure that remains in place for 20 consecutive days for each lane on each bridge (Northbound and Southbound). For the bridges at Slocum Road, the Contractor will be allowed to have one (1) EXTENDED lane closure that remains in place for 7 consecutive days for each lane on each bridge (Northbound and Southbound). These Extended lane closures shall not violate the restrictions listed in #4 below.
3. If the Contractor elects to install temporary crossovers and place traffic head-to-head on a specific bridge, the maximum number of days allowed for head-to-head traffic will be 30 days for each of the Coldwater River bridges and 14 days for each of the Slocum Road bridges.
4. Lane closures will NOT be allowed on the following holidays or the day preceding them: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day. In the event one of the aforementioned holidays falls during the weekend or on a Monday, no lane closure will be allowed during that weekend or the Friday immediately preceding said holiday. In addition, lane closures will not be allowed the Friday, Saturday or Sunday after Thanksgiving.
5. Work requiring a lane closure shall begin within the limits of the closure within one hour of the closure set-up.
6. Lane closures in the same lane shall be spaced no closer than two miles, and lane closures in adjacent lanes shall be spaced no closer than 3 miles.
7. A Portable Changeable Message Sign shall be required for advanced motorist warning of each lane closure on I-55 a minimum of two miles ahead of such lane closure. The criteria for the Portable Changeable Message Sign shall comply with the latest edition of the Manual of Uniform Traffic Control Devices (MUTCD) and Special Provision 907-619-DB, with the exclusion of cellular programming capabilities.

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION**

**SECTION 904 - NOTICE TO PROPOSERS NO. 6012 DB** **CODE: (SP)**

**DATE: 02/16/2016**

**SUBJECT: Extended Lane Closures versus Head-to-Head Traffic on Mandatory Bridges**

Proposers are hereby advised of the following clarification to Notice to Proposers No. 6004 DB (Lane Closure Restrictions – **Mandatory** Bridges).

Notes #2 and #3 on Notice to Proposers No. 6004 DB reference EXTENDED lane closures and temporary crossovers for placing traffic head-to-head. The intent of this Notice to Proposer is for the Contractor to choose the option of EXTENDED lane closures or the option of placing traffic head-to-head, but in no case will the Contractor be allowed to use both EXTENDED lane closures and head-to-head traffic for the same bridge.

in Section 15.3.1 part 5 are excluded from this requirement. Where the deck is to be repaired full depth, the repair may be cast monolithically with the Bridge Deck Overlay Concrete.

2. After partial bridge deck removal in preparation for the Bridge Deck Overlay, the deck surface shall be sounded and any additional areas of unsound, delaminated, or otherwise deteriorated concrete shall be removed at the direction of the Engineer by hydrodemolition or with thirty (30)-lb. hammers.
3. During full or partial depth removal, only bridge deck concrete shall be removed and care shall be taken to avoid damage to existing beams, diaphragms, or any other part of the structure. Any damage that occurs to the existing structure or reinforcement shall be repaired to the satisfaction of the Engineer at no additional cost to the State.
4. In no case shall traffic be allowed to cross a vertical face of the bridge deck overlay. A one (1)-inch vertical in two (2)-foot horizontal taper shall be provided transverse to the bridge.
5. Partial bridge deck removal in preparation for the Bridge Deck Overlay shall terminate four (4) inches transversely prior to the bridge deck drains, if the existing bridge deck drains are to remain in place. In this case, a one (1)-inch vertical in two (2)-foot horizontal taper shall be provided transverse to the bridge.
6. A one (1)-inch vertical in twenty-five (25)-foot horizontal taper in the bridge deck overlay shall be required in the longitudinal direction at each end the bridge. This tapered region in the bridge deck overlay is excluded from the smoothness requirements in Special Provision 907-804-18 DB.
7. The final surface texture of Bridge Deck Overlay Concrete shall be in accordance with Special Provision 907-804-18.
8. Non-Destructive Testing (NDT) reports for each bridge are provided as Informational Documents.
9. The areas listed and depicted in the Informational Documents indicate areas of potential full depth bridge deck repair.
- 9.10. At the I-55 over the Coldwater River Northbound and Southbound bridges, the Contractor's Engineer shall determine all loose or delaminated deck patches and concrete to be removed from the top surface of the deck.

15.4.1.5 *Prestressed Concrete*

All concrete shall be designed and produced in accordance with Mississippi Standard Specifications for Road and Bridge Construction Section 804 Table 3. Cement used in concrete shall meet the requirements of Section 701 of the Mississippi Standard Specifications for Road and Bridge Construction.

Prestressed Concrete  
Class Fx range  
From a minimum of  $f_c = 5,000$  psi  
To a maximum of  $f_c = 6,000$  psi

15.4.1.6 *Concrete Patching and Repair*