

SECTION 905 -- PROPOSAL (CONTINUED)

I (We) hereby certify by digital signature and electronic submission via Bid Express of the Section 905 proposal below, that all certifications, disclosures and affidavits incorporated herein are deemed to be duly executed in the aggregate, fully enforceable and binding upon delivery of the bid proposal. I (We) further acknowledge that this certification shall not extend to the bid bond or alternate security which must be separately executed for the benefit of the Commission. This signature does not cure deficiencies in any required certifications, disclosures and/or affidavits. I (We) also acknowledge the right of the Commission to require full and final execution on any certification, disclosure or affidavit contained in the proposal at the Commission's election upon award. Failure to so execute at the Commission's request within the time allowed in the Standard Specifications for execution of all contract documents will result in forfeiture of the bid bond or alternate security.

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 4/19/2016 ADDENDUM NO. DATED
 ADDENDUM NO. 2 DATED 4/21/2016 ADDENDUM NO. DATED

Number	Description
1	Table of Contents; Revised NTB Nos. 6187 & 6188; Add NTB No. 6190; SP 907-405-9, replaces SP 907-405-8; Add SP 907-702-6; BidItems; Amendment EBS Download Required.
2	Revised Table of Contents; Revised NTB No. 6188; Remove NTB No. 6190; SP 907-702-5, replaces SP 907-702-6; Revised BidItems; Amendment EBS Download Required.

TOTAL ADDENDA: 2
 (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.

MP-7000-65(185) / 305732301

Smith County(ies)

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION
TABLE OF CONTENTS**

PROJECT: MP-7000-65(185)/305732301 - Smith

Section 901 - Advertisement

Section 904 - Notice to Bidders

#1	Governing Specifications
#3	Final Cleanup
#1405	Errata & Modifications to 2004 Standard Specifications
#1928	Federal Bridge Formula
#3131	Temporary Traffic Paint
#3893	Petroleum Products Base Price
#4214	Safety Apparel
#4526	Electronic Addendum Process
#4565	Manual on Uniform Traffic Control Devices (MUTCD)
#5044	Questions Regarding Bidding
#5053	Contractor Correspondence
#5080	Standard Drawings
#5405	Traffic Control Devices
#5412	Weight Limits
#5824	Adjustments for Bituminous Materials
#5866	Payroll Requirements
#6187	Contract Time
#6188	Scope of Work
#6189	Additional Scrub Seal Requirements

Section 907 - Special Provisions

907-101-4	Definitions
907-102-12	Bidding Requirements and Conditions
907-103-11	Award and Execution
907-104-5	Scope of Work
907-104-6	Partnering Process
907-105-8	Control of Work
907-107-13	Legal Relations and Responsibility to Public, w/Supplement
907-108-37	Prosecution and Progress, w/ Supplement
907-109-8	Measurement and Payment
907-405-9	Polymer Modified Asphalt Rejuvenating Scrub Seal
907-410-7	Bituminous Surface Treatment
907-618-9	Placement of Temporary Traffic Stripe
907-618-13	Temporary Construction Signs
907-618-14	Additional Signing Requirements, w/ Supplement
907-626-5	Inverted Profile Thermoplastic Traffic Stripe
907-626-25	Thermoplastic Traffic Markings
907-702-5	Specifications for Bituminous Materials
907-703-12	Aggregates, w/ Supplement
907-710-1	Fast Dry Solvent Traffic Paint
907-720-2	Pavement Marking Materials

PROJECT: MP-7000-65(185)/305732301 - Smith

Section 905 - Proposal, Proposal Bid Items, Combination Bid Proposal
State Board of Contractors Requirement
State Certification Regarding Non-Collusion, Debarment and Suspensions
Section 902 - Contract Form
Section 903 - Contract Bond Forms

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

04/21/2016 02:32 PM

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904-NOTICE TO BIDDERS NO. 6188

CODE: (SP)

DATE: 04/21/2016

SUBJECT: Scope of Work

PROJECT: MP-7000-65(185) / 305732301 – Smith County

The contract documents do not include an official set of construction plans, but may, by reference, include some Standard Drawings when so specified in a Notice to Bidders entitled, "Standard Drawings". All other references to plans in the contract documents and Standard Specifications for Road and Bridge Construction are to be disregarded.

The work to be accomplished using the pay items and corresponding specifications set forth in the contract is to place a single bituminous surface treatment scrub seal as described below on approximately 34 miles of roadway in Smith County of District Seven, as described below:

The routes included are:

1. Approximately 10.9 miles of SR 531 in Smith County beginning at the JCT SR 28 and proceed North for 10.9 miles to the JCT of SR 18 .
2. Approximately 11.1 miles of SR 481 in Smith County beginning at the JCT SR 35 and proceed North 11.1 miles to the Scott County Line.
3. Approximately 8.1 miles of SR 540 in Smith County beginning at the Simpson County Line and proceed East 8.1 miles to the End of Maintenance near Raleigh.
4. Approximately 4.3 miles of SR 902 in Smith County beginning at the JCT of SR 481 and proceed East 4.3 miles to the JCT SR 35.

In order to expedite the safe movement of traffic and to protect each phase of the work as it is performed, a firm sequence of operations is essential. The following appropriate items of work shall be begun and **continually prosecuted** in the order listed:

1. The existing asphalt patches will require a seal using CQS-1H, meeting the requirements of Table V in 907-702.12, at a rate of 0.10 gallons per SY prior to placing the scrub seal. Temporary striping of these areas will be required.
2. The bituminous surface treatment scrub seal shall be 24' in width on roads with rumble strips and the width of the roadway on roads without rumble strips. Any patching required will be performed by MDOT prior to the contract being let. The seal material and seal aggregate shall not be placed on the existing rumble strips.
3. Brooming or other approved method of cleaning the existing asphalt pavement is required prior to placing seal material (Asphalt Emulsion).
4. The existing raised pavement markers and thermoplastic striping shall be removed before the seal is placed in accordance with Subsection 907-405.03.1. Any damage occurring to the existing pavement during the removal of these items shall be repaired before the seal is

placed. There will be no direct payment for this work, but the cost of this work will be absorbed in other bid items.

5. The Contractor shall place all signs called for in Special Provision 907-405-9.
6. Payment for the bituminous surface treatment scrub seal will be made under Pay Item No. 907-405-D, Scrub Seal per Square Yard. The final course will be paid based on twelve (12) foot width or the roadway width and will be field measured to verify the width.
7. Existing bridges that have been overlaid with Asphalt will be sealed. If necessary, bridge approaches will be repaired by MDOT forces and will not be the responsibility of the Contractor, unless damaged by the Contractors operations. Coordination with MDOT Maintenance forces may be required.
8. The Contractor shall provide all signs and traffic control devices necessary to safely maintain traffic around or through the work zone areas, with a **MAXIMUM** permissible construction zone length equal to a single asphalt emulsion distributor truck, but not to exceed five thousand (5,000) feet of a single lane width. The Project Engineer may reduce the length of the construction zone and require the use of a "pilot vehicle". Signing for lane closures, in accordance with the Standard Drawings, shall be the responsibility of the Contractor.
9. Advanced construction signs, NO PASSING, DO NOT PASS, AND PASS WITH CARE signs will be installed and maintained by the Contractor.
10. Final brooming of excess seal aggregate material shall be per Special Provision 907-405-9.
11. Before placing seal, the temperature shall meet the minimum requirements of Special Provision 907-405-9 and rising, and no threat of rain in the forecast for that day and night as directed by the Project Engineer.
12. Placement of Temporary Traffic Stripe will be in accordance with Subsection 618.03.3, Safe Movement of Traffic, provided by Contractor. This temporary stripe shall not be placed until the roadway has been swept. Chip Seal markers shall be provided and placed on each roadway by the Contractor at a spacing of 40' along the centerline in curves and 80' along the centerline in tangents.
13. Place permanent pavement markings (Painted Traffic Stripe and Reflective High Performance Raised Pavement Markers) as required.
14. County roads and aprons will not be sealed, but the county roads shall be swept, cleaned, and permanent pavement markings placed on this project.
15. The length of construction zone established by the Engineer will not be the basis for any claim against MDOT.

Other incidental work that is necessary to complete the work will not be measured for separate payment and the cost shall be included in the unit prices of other bid items.

DUE TO PUBLIC SAFETY CONCERNS:

1. The work zone may not be established prior to 8:30 AM, nor can any non-emergency work be accomplished in the travel way prior to 8:30 AM. Work zone quitting time is defined in the Standard Specification.
2. The Contractor shall coordinate with school officials to make certain the operations do not interfere with the school bus schedules and car pickup schedules.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

| SPECIAL PROVISION NO. 907-702-5

CODE: (SP)

| DATE: 08/12/2014

| SUBJECT: Specifications for Bituminous Materials

Section 702, Bituminous Materials, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-702.05--Petroleum Asphalt Cement. Delete the third paragraph of Subsection 702.05 on page 598, and substitute the following.

The bituminous material used in all types of asphalt mixtures shall conform to AASHTO Designation: M 320, Performance Grade PG 67-22, as modified in the table below, except that Polyphosphoric Acid (PPA) may be used at low dosage rates as a modifier to enhance the physical properties of a base binder to meet the requirements for Performance Grade PG 67-22. In addition, PPA may be used as a catalyst or mixing agent at low dosage rates in the production of Polymer Modified, Performance Grade PG 76-22.

When PPA is used as a modifier, in no case shall the PPA modifier be used to adjust the physical properties of the binder a full binder grade. For example: the base binder (unmodified) is graded as a PG 64-22 and should only be modified by the addition of PPA to a modified binder grade of PG 67-22.

When petroleum asphalt cement is modified by PPA, the following dosage limits shall be applied.

<u>Grade</u>	<u>Dosage Limit</u>
PG 67-22	0.75% by weight of binder
PG 76-22	0.50% by weight of binder

| **907-702.07--Emulsified Asphalt.**

907-702.07.2--Anionic and Cationic. After the last paragraph of Subsection 702.07.2 on page 600, add the following.

LockDown (LD-7) and CQS-1h shall conform to the requirements of Table V.

907-702.07.3--Polymer Modified Cationic Emulsified Asphalt (CRS-2P). Delete the paragraph in Subsection 702.07.3 on page 600, and substitute the following.

Polymer Modified Cationic Emulsified Asphalt shall conform to the requirements of AASHTO Designation: M 316, with the following exception:

In Table 1, the Ductility, 25 °C, 5 cm/min, shall be a minimum of 100 cm.

907-702.12--Tables. After the last Table of Subsection 702.12 on page 606, add the following.

**TABLE V
SPECIFICATION FOR FOG SEAL**

Test Requirements	LD-7		CQS-1h		Test Method
	Min.	Max.	Min.	Max.	
Viscosity, Saybolt Furol, @ 25°C, Sec.	15	100	20	150	AASHTO T 72
Storage Stability Test, 24 hr, %	-	1	-	1	AASHTO T 59
Settlement, 5 day, %	-	5	-	-	AASHTO T 59
Particle Charge	-	-	Positive		AASHTO T 59
Oil Distillate, %	-	1	-	-	AASHTO T 59
Sieve Test, % *	-	0.3	-	0.1	AASHTO T 59
Residue by Distillation, %	40	-	60	-	AASHTO T 59
Test on Residue from Distillation					
Penetration @ 25°C	-	20	-	-	AASHTO T 49
Penetration @ 25°C, 100g, 5s	-	-	60	110	AASHTO T 49
Softening Point, °C	65	-	-	-	ASTM 36
Solubility in trichloroethylene, %	97.5	-	97.5	-	AASHTO T 44
Ductility @ 25°C, cm	-	-	40	-	AASHTO T 51
Original DSR @ 82° (G*/Sinδ, 10 rad/sec)	1	-	-	-	AASHTO T 111

* The Sieve result is tested for reporting purpose only, and it may be waived if no application problems are present in the field.

Scrub Seal on approximately 34 miles in various locations, known as State Project No. MP-7000-65(185) / 305732301 in Smith County.

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
Roadway Items					
0010	202-B076		3,897	Linear Feet	Removal of Traffic Stripe
0020	619-A2004		49	Mile	Temporary Traffic Stripe, Continuous Yellow, Paint
0030	619-A4007		21	Mile	Temporary Traffic Stripe, Skip Yellow, Paint
0040	620-A001		1	Lump Sum	Mobilization
0050	625-B002		21	Mile	Traffic Stripe, Skip Yellow
0060	625-C002		68	Mile	Traffic Stripe, Continuous White
0070	625-D002		49	Mile	Traffic Stripe, Continuous Yellow
0080	625-E001		7,381	Linear Feet	Detail Traffic Stripe
0090	625-F002		10,144	Linear Feet	Legend
0100	627-H001		3,610	Each	Chip Seal Reflective Raised Markers. Two-Way Yellow
0110	627-J001		1,177	Each	Two-Way Clear Reflective High Performance Raised Markers
0120	627-L001		3,767	Each	Two-Way Yellow Reflective High Performance Raised Markers
0130	907-405-D001		509,354	Square Yard	Scrub Seal
0138	907-410-A002	(A2)	8,018	Gallon	Asphalt for Surface Treatment, Grade CQS-1H
0140	907-618-A001		1	Lump Sum	Maintenance of Traffic
0150	907-618-B001		1	Square Feet	Additional Construction Signs [\$10.00]
ALTERNATE GROUP AA NUMBER 1					
0160	907-626-J003		2,712	Linear Feet	6" Inverted Profile Thermoplastic Traffic Stripe, Continuous White
0170	907-626-K003		1,117	Linear Feet	6" Inverted Profile Thermoplastic Traffic Stripe, Skip Yellow
0180	907-626-L001		885	Linear Feet	6" Inverted Profile Thermoplastic Traffic Stripe, Continuous Yellow
ALTERNATE GROUP AA NUMBER 2					
0190	628-J002		2,712	Linear Feet	6" High Performance Cold Plastic Traffic Stripe, Continuous White
0200	628-L002		1,117	Linear Feet	6" High Performance Cold Plastic Traffic Stripe, Skip Yellow
0210	628-M002		885	Linear Feet	6" High Performance Cold Plastic Traffic Stripe, Continuous Yellow