

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 2/12/2010 ADDENDUM NO. DATED
ADDENDUM NO. DATED ADDENDUM NO. DATED

Number	Description
1	Replace Table of Contents with same; Add NTB No. 2971; Add 907-702-1; Replace Bidsheets with same; Amended 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.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

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SECTION 905 - PROPOSAL,
PROPOSAL BID SHEETS,
COMBINATION BID PROPOSAL,
CERTIFICATION OF PERFORMANCE - PRIOR FEDERAL-AID CONTRACTS,
CERTIFICATION REGARDING NON-COLLUSION, DEBARMENT AND SUSPENSION,
SECTION 902 - CONTRACT FORM, AND SECTION 903 - CONTRACT BOND FORMS,
PROGRESS SCHEDULE,
OCR-485.

(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. 2971

CODE: (SP)

DATE: 02/11/2010

SUBJECT: Clarifications Regarding Surface Treatment

PROJECT: STP-0070-04(015) / 105821301 -- Pontotoc County

Bidders are advised that the pay item description for Asphalt for Surface Treatment shown on the plans sheets is different than the description shown on the bid sheets. The plans sheets are in error. The correct grade of asphalt for surface treatment on this project is CMS-1P as shown on the bidsheets. The CMS-1P material shall meet the requirements of Special Provision No. 907-702-1.

In addition, the preparation of the pavement prior to placing the CMS-1P shall be in accordance with Subsection 410.03.4 of the Standard Specifications. In addition, the material shall not be applied when the air temperature is above 85°F and a maximum surface temperature of 150°F.

Vehicle traffic shall not be allowed on the emulsified asphalt until it has fully cured to the satisfaction of the Engineer. Contractor shall also prevent all traffic from driveways and local roads from crossing uncured asphalt.

The standard drawing in the plans shows the length of lane closure to be one (1) mile. The Contractor may extend this length to three (3) miles.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-702-1

CODE: (SP)

DATE: 02/11/2010

SUBJECT: Emulsified Asphalt, CMS-1P

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

After Subsection 702.07.3 on page 600, add the following:

907-702.07.4--Asphalt Emulsion CMS-1P. The asphalt emulsion shall be composed of a latex polymer, a petroleum based rejuvenating agent and asphalt, and shall meet the following specifications.

Test on Emulsion	Method	Specification
Viscosity @77 (SFS)	AASHTO T59	50 - 350
Residue, w%, minimum.	AASHTO T59	67
pH	AASHTO T200	2.0 - 5.0
Sieve, w%, max.	AASHTO T59	0.1
Oil distillate, w%, max.	AASHTO T59	0.5
Test on Residue⁽¹⁾		
Viscosity @ 140°F, P, maximum.	AASHTO T202	3000
Penetration @ 4°C (39.2°F), minimum, 200 g, 60 sec.	AASHTO T59	40
Elastic Recovery on residue by distillation, %, minimum.	AASHTO T59, T301 ^(1,2)	50
Test on Latex:		
Tensile strength, die C dumbbell, psi, minimum	ASTM D412 ⁽³⁾	500
Swelling in rejuvenating agent, % maximum; 48 hours exposure @ 104°F	ASTM D471 ⁽⁴⁾ Modified	40% intact film
Test on rejuvenating agent:		
Flash point, COC , °F	ASTM D92	> 380
Hot Mix Recycling Agent Classification	ASTM D4552	See Subsection 907-405.02.2.1

- (1) Exception to AASHTO T59: Bring the temperature on the lower thermometer slowly to 350°F plus or minus 10°F. Maintain at this temperature for 20 minutes. Complete total distillation in 60 plus or minus 5 minutes from first application of heat.
- (2) Elastic Recovery @ 10°C (50°F): Hour glass sides, pull 20 cm, hold 5 minutes then cut, let sit 1 hour.
- (3) Tensile Strength Determination: Samples for testing for tensile strength in accordance with ASTM D412 shall be cut using a die dumbbell at a crosshead speed of 20 in/min.
- (4) Latex Testing: Suitable substrate for film formation shall be polyethylene boards, silicone rubber sheeting, glass, or any substrate which produces a cured film of uniform cross-section. Polymer film shall be prepared from latex as follows:

Resistance to Swelling: Polymer films shall be formed by using a 50 mil drawdown bar and drawing down 50 mils of the latex on polyethylene boards. Films shall be cured for 14 days at 75°F and 50% humidity. Samples for resistance to swelling in rejuvenating agent shall be 1" by 2" rectangles cut from the cured film. Cut at least 3 specimens for each sample to be tested for swelling. Fill 3- 8 oz ointment tins with at least a ½" deep of rejuvenating agent. Swelling samples shall be weighed and then placed in the ointment tins on top of the rejuvenating agent. Then, add at least another ½" deep of rejuvenating agent over each of the latex samples. The ointment tins shall be covered and placed in an oven at 104°F for the specified 48 hours +/- 15 minutes. The ointment tins are allowed to cool to 75°F and then the latex films are removed from the tins.

Unabsorbed rejuvenating agent is removed from the intact latex film by scraping with a rubber policeman and blotting with paper towels. If the latex film does not remain intact during removal from the tins or while removing the unabsorbed rejuvenating agent the sample shall be rejected. After the rejuvenating agent is removed from the samples they are then weighed. Percent swelling is reported as weight increase of the polymer film; report mass increase as a percent by weight of the original latex film mass upon exposure of films to the recycling agent.

907-405.02.2.1--Recycling Agent. The recycling agent shall meet the following specification:

Test	Specification
Viscosity, 140F, CST	50 - 175
Flash Point, F, COC	380 Min.
Saturate, % by wt.	30 Max
Asphaltenes	1.0 Max.
Test on Residue	
Weight Change, %	6.5 Max.
Viscosity Ratio	3 Max

907-405.02.2.2--Certification. The Emulsion supplier shall submit a certification that the polymer modified rejuvenating emulsion meets the requirements of the specification. The certification shall be submitted to the Engineer prior to starting the work. The Engineer will sample the polymer modified rejuvenating emulsion according to Department procedures.

Milling, widening, overlaying and sealing SR 6 from Old SR 6 to SR 15, known as Federal Aid Project No. STP-0070-04(015) / 105821301, in the County of Pontotoc, State of Mississippi.

I (We) agree to complete the entire project within the specified contract time.

***** SPECIAL NOTICE TO BIDDERS *****

**BIDS WILL NOT BE CONSIDERED UNLESS BOTH UNIT PRICES AND ITEM TOTALS ARE ENTERED.
 BIDS WILL NOT BE CONSIDERED UNLESS THE BID CERTIFICATION LOCATED AT THE END OF THE BID SHEETS IS SIGNED**

*****BID SCHEDULE*****

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Item Amount	
						Dollar	Ct	Dollar	Ct
Roadway Items									
0010	202-B005		400	Square Yard	Removal of Asphalt Pavement, All Depths				
0020	202-B053		872	Linear Feet	Removal of Guard Rail Including Post, Blockouts & Hardware				
0030	202-B076		8,393	Linear Feet	Removal of Traffic Stripe				
0040	203-G004	(E)	125	Cubic Yard	Excess Excavation, LVM, AH				
0050	406-A001		108,633	Square Yard	Cold Milling of Bituminous Pavement, All Depths				
0060	410-A005		12,615	Gallon	Asphalt for Surface Treatment, Grade CMS-1P				
	Changed 02/12/2010								
0070	423-A001		12	Mile	Rumble Strips, Ground In				
0080	606-B001		613	Linear Feet	Guard Rail, Class A, Type 1				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
0090	606-D010		4	Each	Guard Rail, Bridge End Section, Type H, Metal Post				
0100	606-E002		4	Each	Guard Rail, Terminal End Section, Flared				
0110	618-A001		1	Lump Sum	Maintenance of Traffic	XXXXXXXX	XXX		
0120	618-B001		1	Square Feet	Additional Construction Signs	10.	00	10.	00
0130	619-A1004		25	Mile	Temporary Traffic Stripe, Continuous White, Paint				
0140	619-A2004		26	Mile	Temporary Traffic Stripe, Continuous Yellow, Paint				
0150	619-A3007		24	Mile	Temporary Traffic Stripe, Skip White, Paint				
0160	619-A5002		38,395	Linear Feet	Temporary Traffic Stripe, Detail, Paint				
0170	619-A6003		3,850	Linear Feet	Temporary Traffic Stripe, Legend, Paint				
0180	627-K001		1,467	Each	Red-Clear Reflective High Performance Raised Markers				
0190	627-L001		57	Each	Two-Way Yellow Reflective High Performance Raised Markers				
0200	628-I002		252	Linear Feet	6" High Performance Cold Plastic Traffic Stripe, Skip White				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
0210	628-J002		252	Linear Feet	6" High Performance Cold Plastic Traffic Stripe, Continuous White				
0220	628-M002		252	Linear Feet	6" High Performance Cold Plastic Traffic Stripe, Continuous Yellow				
0230	630-F001		14	Each	Delineators, Guard Rail, White				
0240	630-F002		14	Each	Delineators, Guard Rail, Yellow				
0250	630-G002		4	Each	Type 3 Object Markers, OM-3R or OM-3L, Post Mounted				
0260	907-304-A008	(GY)	1,385	Cubic Yard	Granular Material, LVM, Class 3, Group C				
0270	907-403-A010	(BA1)	14,830	Ton	Hot Mix Asphalt, MT, 9.5-mm mixture				
0280	907-403-C003	(BA1)	2,943	Ton	Hot Mix Asphalt, MT, 19-mm mixture, Trench Widening Changed 02/12/2010				
0290	907-626-A003		12	Mile	6" Thermoplastic Traffic Stripe, Skip White				
0300	907-626-C004		11	Mile	6" Thermoplastic Edge Stripe, Continuous White				
0310	907-626-F004		11	Mile	6" Thermoplastic Edge Stripe, Continuous Yellow				
0320	907-626-G004		16,576	Linear Feet	Thermoplastic Detail Stripe, White				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
0330	907-626-G005		17,357	Linear Feet	Thermoplastic Detail Stripe, Yellow				
0340	907-626-H004		1,988	Linear Feet	Thermoplastic Legend, White				

*** BID CERTIFICATION ***

TOTAL BID.....\$_____

*** DBE/WBE SECTION ***

Complete item nos. 1, 2, and/or 3 as appropriate. See Notice to Bidders addressing Disadvantaged Business Enterprises in Highway Construction.

1. I/We agree that no less than _____ percent shall be expended with small business concerns owned and controlled by socially and economically disadvantaged individuals (DBE and WBE).
2. Classification of Bidder: Small Business (DBE)_____ Small Business (WBE)_____
3. A joint venture with a Small Business (DBE/WBE): _____

*** SIGNATURE STATEMENT ***

BIDDER ACKNOWLEDGES THAT HE/SHE HAS CHECKED ALL ITEMS IN THIS PROPOSAL FOR ACCURACY AND CERTIFIED THAT THE FIGURES SHOWN THEREIN CONSTITUTE THEIR OFFICIAL BID.

BIDDER'S SIGNATURE

BIDDER'S COMPANY

BIDDER'S FEDERAL TAX ID NUMBER