

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 8/18/2014 ADDENDUM NO. DATED
 ADDENDUM NO. DATED ADDENDUM NO. DATED

Number	Description	BidItems;
1	Revised NTB No. 5122; Revised 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.

Revised 09/21/2005

STP-0021-01(057) / 106882301 & 302

Desoto & Marshall County(ies)

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 5122

CODE: (SP)

DATE: 08/18/2014

SUBJECT: Scope of Work

PROJECT: STP-0021-01(057) /106882301 & 302 – Desoto and Marshall Counties

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 this contract is for milling and overlaying State Highway 302, beginning at a point 0.46 miles East of Polk Lane and going east approximately 4.6 miles to a point that is 0.27 miles east of State Highway 309, in Marshall County.

It shall be the responsibility of the contractor to protect the roadway and all existing structures, such as bridges and curb, from damage occurring as a result of the Contractor’s operations. Damages to existing features caused by the Contractor’s operations shall be repaired or replaced at no cost to the Department.

At the end of work day, a taper of one (1) vertical inch for each three (3) horizontal foot shall be provided.

The Contractor shall make a utility location request to 811 prior to any excavation.

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 work shall be begun and continually prosecuted.

The work shall consist of the following:

1. Cold milling of the existing asphalt pavement to a depth of two (2) inches and variable. Fifty (50%) percent of the cold milling material, up to 10,000 tons, obtained shall become the property of the Mississippi Department of Transportation. The Contractor will deliver the milling material to the Byhalia Maintenance Lot located at 9181 Highway 178 West. The Contractor shall provide all necessary equipment and qualified personnel to push material into a suitable stockpile.

NOTE: Milling will consist of the mainline, crossovers, local roads to right-of-way limits, SR 309 through tapers and drives to right-of-way limits.

NOTE: Payment for Cold Milling of Pavement will be made under Pay Item No. 406-A, per square yard, and shall include all cost associated with the milling operation.

NOTE: During this operation and prior to placement of the asphalt, due care shall be required to keep surface water of ponding on the roadway surface; continuous monitoring of the project may be required.

NOTE: During this operation and prior to placement of the asphalt surface course, the Contractor shall maintain pot holes.

NOTE: Milled surfaces shall be covered within 14 calendar days of removal. The Contractor will be charged a fee of \$1,500.00 for each full or partial day in which the milled surface is left uncovered after the 14 calendar days.

2. Placement of preliminary leveling asphalt mix (50 Tons/mile) (9.5-mm, HT, Leveling) to correct any irregularities in prior to placement of the surface course.
3. Placement of two (2) inches of surface course (12.5-mm, HT, Polymer Modified) on the previously milled surface.
4. Placement of granular material on the shoulders as directed to raise the existing shoulders to the new surface course grade.

NOTE: Shoulders shall be bladed, shaped and compacted throughout the length of the project regardless of whether granular material is required.

NOTE: Granular material not required for the final shape of the shoulders may require removal. The cost of this work shall be absorbed in other items.

NOTE: Due care shall be taken during this operation to blade material to the roadway and away from the ditch line. Material inadvertently bladed to the roadway vegetation shall be removed at no cost to the Department.

5. Placement of Temporary Traffic Stripe daily as per Special Provision No. 907-618-9.
6. Installation of traffic signal loops at Center Hill Road and State Highway 309. The following work will be required:

Center Hill Road: 4 – 6'x50' Quad loops for left turns, 2 – 6'x50' Box loops for Center Hill Road through movements and 4 – 6'x6' box loops for advance detection on SR 302.

SR 309: 4 – 6'x50' Quad loops for left turns, 2 – 6'x50' Box loops for SR 309 through movements and 4 – 6'x6' box loops for advance detection on SR 302.

7. Install rumble strips for rumble stripe.
8. Placement of permanent pavement markings as required (Thermoplastic Striping and Red-Clear Reflective High Performance Raised Markers). Placement of a six (6) inch thermoplastic stripe on the inside six (6) inches of the rumble stripe using an atomization method to create a "rumble strip."

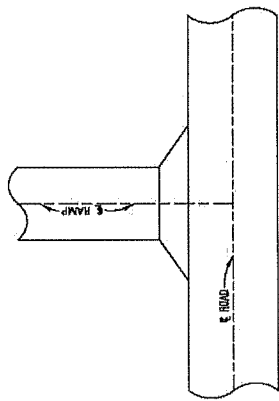
The Contractor shall provide all signs and traffic handling devices necessary to safely maintain traffic around or through the work areas.

Incidental work such as removing vegetation, shaping and compaction of shoulder, necessary and incidental grading of roadway ditches and other incidental work that is necessary to complete the work will not be measured for separate payment and the cost will be included in the bid items provided.

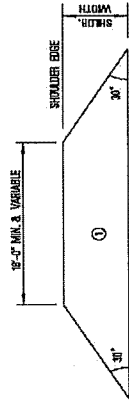
The Engineer may direct the use of additional cones at County Roads or intersections within lane closures and will be absorbed in Maintenance of Traffic.

Prior to grinding rumble strips, the Contractor shall mark the beginning and ending of these rumble strips. Temporary paint shall not be used solely as a final location of begin and end of rumble strip.

STATE	PROJECT NO.
MISS.	



PLAN VIEW OF RAMP



DETAIL OF PAVED APRON

① 1-4" & VARIABLE DEPTH HOT MIX ASPHALT, HT. (3.5 THICK MIX) REQUIRED



MISSISSIPPI DEPARTMENT OF TRANSPORTATION			
MISCELLANEOUS DETAIL			
DATE	POSITION	FILE NAME	MSD-1
		FILE NUMBER	
		CAD FILE	DWG

STATE MISS.	PROJECT NO.		
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NOTE
NO LOOPS ARE TO BE INSTALLED THROUGH, OVER, OR UNDER TRANSVERSE CONCRETE JOINTS OR MANHOLES. IF ANY OF THE ABOVE ARE ENCOUNTERED THE LOCATION OF THE LOOP WITHIN A LOOP, IF ANY OF THE ABOVE ARE ENCOUNTERED THE LOCATION OF THE LOOP MAY BE VARIED SLIGHTLY AS DIRECTED BY THE ENGINEER. IF THE ABOVE ITEMS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY. SMALLER LOOPS USED TO REPLACE ONE LARGE LOOP MAY BE CONNECTED TO ONE CHANNEL.

LANE WIDTH	"A"	"B"	"C"
10'	2.5'	2.5'	5'
11'	2.5'	3'	6'
12'	3'	3'	6'
14'	3'	4'	6'

MINIMUM LOOP SEPARATION ON ALL LINES ARE PRESENT IS 3'

TYPICAL DETAIL OF LOOP DETECTOR WHERE TRANSVERSE CONCRETE JOINTS, MANHOLES, ETC. ARE ENCOUNTERED
NOT TO SCALE

LARGE LOOP DETECTOR INSTALLATION DETAIL
NOT TO SCALE

SMALL LOOP DETECTOR INSTALLATION DETAIL
NOT TO SCALE

TYPICAL DETAIL OF LOOP DETECTOR WHERE TRANSVERSE CONCRETE JOINTS, MANHOLES, ETC. ARE ENCOUNTERED
NOT TO SCALE

LOOP SLOT CONSTRUCTION DETAIL
NOT TO SCALE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
LOOP DETECTOR DETAILS FOR TRAFFIC SIGNAL INSTALLATION

PROJECT NO.: _____ COUNTY: _____
WORKS NUMBER: TSD-2
SHEET NUMBER: _____

Mill and Overlay SR 302 from East of Polk Rd. to SR 309, known as Federal Aid Project Nos, STP-0021-01(057) / 106882301 & 302 in Desoto and Marshall Counties.

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
Roadway Items					
0010	406-A001		220,100	Square Yard	Cold Milling of Bituminous Pavement, All Depths
0020	423-A001		18	Mile	Rumble Strips, Ground In
0030	619-A1002		20	Mile	Temporary Traffic Stripe, Continuous White
0040	619-A2002		20	Mile	Temporary Traffic Stripe, Continuous Yellow
0050	619-A3006		20	Mile	Temporary Traffic Stripe, Skip White
0060	619-A5001		65,408	Linear Feet	Temporary Traffic Stripe, Detail , White
0070	619-A5001		71,640	Linear Feet	Temporary Traffic Stripe, Detail , Yellow
0080	619-A6001		7,460	Linear Feet	Temporary Traffic Stripe, Legend
0090	619-A6002		1,550	Square Feet	Temporary Traffic Stripe, Legend
0100	620-A001		1	Lump Sum	Mobilization
0110	627-K001		1,400	Each	Red-Clear Reflective High Performance Raised Markers
0120	627-L001		100	Each	Two-Way Yellow Reflective High Performance Raised Markers
0130	635-A001		2,000	Linear Feet	Vehicle Loop Assemblies
Changed 08/18/2014					
0140	907-304-B009	(GT)	3,650	Ton	Granular Material, Class 3, Group D
0150	907-407-A001	(A2)	11,500	Gallon	Asphalt for Tack Coat
0160	907-618-A001		1	Lump Sum	Maintenance of Traffic
0170	907-618-B001		2	Square Feet	Additional Construction Signs [\$10.00]
0180	907-626-A003		10	Mile	6" Thermoplastic Traffic Stripe, Skip White
0190	907-626-C004		10	Mile	6" Thermoplastic Edge Stripe, Continuous White
0200	907-626-F004		10	Mile	6" Thermoplastic Edge Stripe, Continuous Yellow
0210	907-626-G004		32,704	Linear Feet	Thermoplastic Detail Stripe, White
0220	907-626-G005		35,820	Linear Feet	Thermoplastic Detail Stripe, Yellow
0230	907-626-H004		3,730	Linear Feet	Thermoplastic Legend, White
0240	907-626-H005		775	Square Feet	Thermoplastic Legend, White
ALTERNATE GROUP AA NUMBER 1					
0250	907-403-B003	(BA1)	500	Ton	Hot Mix Asphalt, HT, 9.5-mm mixture, Leveling
ALTERNATE GROUP AA NUMBER 2					
0260	907-403-N008	(BA1)	500	Ton	Warm Mix Asphalt, HT, 9.5-mm mixture, Leveling
ALTERNATE GROUP BB NUMBER 1					
0270	907-403-D001	(BA1)	24,211	Ton	Hot Mix Asphalt, HT, 12.5-mm mixture, Polymer Modified
ALTERNATE GROUP BB NUMBER 2					

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0280	907-403-P002	(BA1)	24,211	Ton	Warm Mix Asphalt, HT, 12.5-mm mixture, Polymer Modified