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	4/19/2021	ADDENDUM NO.		DATED	
ADDENDUM NO		DATED		ADDENDUM NO.		DATED	
ADDENDUM NO		DATED		ADDENDUM NO.		DATED	

Number	Description
1	Revised Bid Items; Revised Notice To Bidders No. 3146; Amendment EBSx 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.

STP-0043-02(016)/ 107766301000 & SP-0016-01(036)/ 108668301000

Bolivar County(ies)

Revised 01/26/2016

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 – NOTICE TO BIDDERS NO. 3146 **CODE: (SP)**

DATE: **4/14/2021**

SUBJECT: **Scope of Work**

PROJECT: **STP-0043-02(016) / 107766301 & SP-0016-01(036) / 108668301 -- Bolivar 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 Specification for Road and Bridge Construction are to be disregarded.

In general, the work to be accomplished using the pay items and corresponding specifications set forth in the is contract is to overlay approximately 7.7 miles of State Route 1 between Beulah and Rosedale, and to overlay approximately 17.5 miles of State Route 8 from Highway 1 to Cleveland in Bolivar County.

The Contractor shall erect and maintain construction signing, provide all signs, set up night time lane closures (if needed), and traffic handling devices in accordance with the Traffic Control Plan. The costs for this work are to be included in the price bid for pay item 618-A: Maintenance of Traffic. All traffic control devices on this project should comply with the latest version of the MUTCD. Fluorescent orange sheeting shall be used on all construction and traffic control signs except for those designated in the plans to be black legend and border on white background. The Contractor will be required to use 42-inch channelized cones with 6-inch wide reflective tape and 16 pound vertical panel bases for each cone.

The existing shoulders shall be raised to match to match the new pavement elevation by grading existing material and/or placing any needed crushed stone, all to be bladed and dressed to a finished slope of 4%.

Note: Any existing low shoulders or at any time there is a differential in excess of two inches (2"), the Contractor shall raise the shoulder grade up to the current asphalt grade. The Contractor may pull up existing shoulder material if possible or place new crushed stone. Incidental work such as removing vegetation, shaping and compacting shoulders including the base for paved aprons, 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 other items bid.

Raised pavement markers shall be placed in urban limits at 80-foot intervals in tangents and 40-foot intervals in curves. Any removal of existing raised pavement markers or rumble bars shall be done before the overlay and shall be considered an absorbed item of work.

STATE ROUTE 1
FROM BEULAH TO NORTH OF ROSEDALE
LOG MILE 19.865 to 27.520

Work on the project shall consist of the following:

1. Cold mill the roadway at the B.O.P., E.O.P, concrete curb and gutter sections, railroad tracks, and local road tie-ins as designated by the Project Engineer to ensure smooth transitions of new overlay with existing grade. It is the Contractor's responsibility to ensure the drainage of surface water from the milled areas including the use of shoulder cuts.

   Milling of a depth of 1" will be required in areas where there is existing joint sealant on cracks in the road.

   Special Milling Areas

   Mill and fill 3" for 700 feet in the northbound lane of SR 1, south of Russell Crutcher Road. Fill with 19-mm, MT, asphalt.

   Mill and fill 3" for 420 feet of SR 8 westbound, from School Drive to stop bar. Fill with 19-mm, MT, asphalt.

   Mill and fill 3" for 300 feet back from each stop bar on SR 1 in front of the Courthouse. Fill with 19-mm, MT, asphalt.

Traffic **shall not** be allowed on milled surfaces except for the BOP/EOP tie-ins and local road connections. All milled lanes shall be paved to at least within an inch and a half of the adjacent lane in the same lane closure.

NOTE: Temporary wedges of full lane width asphalt pavement shall be placed by the Contractor immediately after the cold milling process to allow the safe transition of traffic. The length of the wedges will be three feet (3') for every ½ inch in height. These wedges shall be maintained in a satisfactory condition by the Contractor until the permanent asphalt pavement is placed. All costs for placing and maintaining these wedges shall be absorbed in other pay items.

2. The Contractor shall remove any failed areas on the main facility as directed by the Project Engineer using the following construction sequence.

   a) Saw cut full depth through the asphalt and concrete. The saw cut for the concrete pavement may be offset from the saw cut for the asphalt pavement.
   b) Remove the failed asphalt and concrete.
   c) Remove any unsuitable material in the subgrade as directed by the Engineer. Removal of this material will be paid for as excess excavation.
   d) Backfill and stabilize failed area with crushed stone base in lifts to an elevation five inches (5") below the original finished pavement elevation. No lift of crushed stone shall be

greater than six inches (6") in thickness or in a thickness as designated by the Project Engineer.

e) Backfill with two lifts of 19-mm, MT, asphalt. Place two lifts of asphalt at 2½" each lift for a total of five inches (5"). The final grade of asphalt shall match the existing grade of the highway. All repairs must be complete by the end of the work day and the lane closures must be removed from the roadway so that all lanes of travel are open thereafter.

FAILED AREAS		
Location	**Width (ft)**	**Length (ft)**
SB Lane in front of Elementary School in Rosedale	8	280
SB Lane just north of Cutoff Road	8	160
Approximately 3000' south of EOP	24	10
Approximately 3100' south of EOP in outside NB lane	15	16
Approximately 3130' south of EOP in SB lane	24	10
In front of Texaco gas station	25	18
Approximately 230' north of Levee St. SB lane	12	18
SB lane across from Raymond St.	32	10
Vorhees intersection	12	12
NB in front of Vorhees intersection	12	8
NB in front of Bank	24	30

NOTE: Exact location to be determined by Project Engineer

3. The Contractor shall place 1½" of 9.5-mm, MT, asphalt on the main roadway having a two percent (2%) cross slope or the appropriate superelevation rate in each direction from the centerline. Any work to control the lay down equipment for proper placement of the asphalt in the superelevated curves shall be absorbed by the Contractor at no additional cost to the State. The asphalt shall be placed in 12-foot wide passes on the main roadway and in widths as necessary at intersections and other areas where the pavement width varies. Paved shoulder on street parking shall be paved full width. Local roads shall be paved to the right-of-way or as directed by the Project Engineer. Aprons shall be constructed at existing ramps that do not have paved aprons by placing 3" of 9.5-mm, MT, asphalt in widths and lengths as directed by the Project Engineer. Any site grading at local roads or drives will not be measured for separate payment but will be considered an absorbed item. Existing aprons are to be paved to match final main line grades.

   Guardrail will be removed and replaced but no pads will be paved.

4. Where existing concrete pavement is overlaid, transverse joints shall be sawed and sealed by the Contractor at full roadway width at existing joint locations or as directed by the Engineer.

5. Temporary striping shall conform to finished stripe specifications for alignment, reflectivity, straightness, and neatness. Temporary stripe shall be placed as needed for safe movement of traffic. All permanent pavement markings are to be hot thermoplastic. Edge lines will be

placed so as to maintain a 12-foot lane width. Thermoplastic edge lines must be applied by using an atomization method, and centerline stripe and detail stripe must be placed using an extrusion head. Rumble strip and stripe will be applied per standards for this project.

HIGHWAY 8
OVERLAY FROM HIGHWAY 1 TO CLEVELAND
LOG MILE 0.00 to 17.548

Work on the project shall consist of the following:

1. Cold mill the roadway at the B.O.P., E.O.P, concrete curb and gutter sections, bridge ends, and local roads as designated by the Project Engineer to ensure smooth transitions of new overlay with existing grade. It is the Contractor's responsibility to ensure the drainage of surface water from the milled areas including the use of shoulder cuts.

2. Note: Temporary wedges of full lane width asphalt pavement shall be placed by the Contractor immediately after the cold milling process to allow the safe transition of traffic. The length of the wedges will be three feet (3') for every ½ inch in height. These wedges shall be maintained in a satisfactory condition by the Contractor until the permanent asphalt pavement is placed. All costs for placing and maintaining these wedges shall be absorbed in other items bid.

3. The Contractor shall place 1½" of 9.5-mm, ST, asphalt on the main roadway having a two percent (2%) cross slope or the appropriate super elevation rate in each direction from the centerline. Any work to control the laydown equipment for proper placement of the asphalt in the superelevated curves shall be absorbed by the Contractor at no additional cost to the State. Local roads are to be paved to the right of way or as directed by the Project Engineer. Driveway aprons are to be paved using the widths and lengths as directed by the Project Engineer. Any site grading at local roads or driveways necessary for this work will not be measured for separate payment but will be considered an absorbed item.

4. Temporary striping shall conform to finished stripe specifications for alignment, reflectivity, straightness, and neatness. Temporary stripe shall be placed as needed for safe movement of traffic. All permanent pavement markings are to be hot thermoplastic. Edge lines will be placed so as to maintain existing lane width. Thermoplastic edge lines shall be applied by using an atomization method, and centerline stripe and detail stripe shall be placed using an extrusion method. The Contractor will mill a 12-inch rumble strip along the edge of pavement and spray 6-inch thermoplastic on the inside six inches (6") of the rumble strip to create a "Rumble Stripe." (See Rumble Stripe Detail)

5. Object markers shall be installed by the Contractor at each end of cross-drain structures throughout the project as directed by the Engineer. This work will be paid for under the appropriate object marker pay items.

6. The sign shown on Notice to Bidders No. 2365 will only be required on this project.

Mill & Overlay approximately 8 miles on SR 1 from Beulah to North Rosedale, known as Federal Aid Project No. STP-0043-02(016) / 107766301 & Overlay approximately 18 miles on SR 8 from SR 1 to Cleveland, known as State Project No. SP-0016-01(036) / 108668301 in Bolivar County.

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
			Roadway Items		
0010	202-B150		580	Linear Feet	Removal of Guard Rail Including Post, Blockouts & Hardware
0020	202-B188		700	Square Yard	Removal of Pavement, All Types and Depths
0030	202-B240		1,000	Linear Feet	Removal of Traffic Stripe
0040	203-G001	(E)	250	Cubic Yard	Excess Excavation, FM, AH
0060	403-A005	(BA1)	900	Ton	19-mm, MT, Asphalt Pavement
0070	403-A014	(BA1)	14,500	Ton	9.5-mm, MT, Asphalt Pavement
0080	403-A015	(BA1)	26,000	Ton	9.5-mm, ST, Asphalt Pavement
0090	406-A002		49,100	Square Yard	Cold Milling of Bituminous Pavement, All Depths
0100	407-A001	(A2)	31,000	Gallon	Asphalt for Tack Coat
0110	412-A001		5,340	Square Feet	Pre-Grinding [$3.25]
0120	413-E001		9,600	Linear Feet	Sawing and Sealing Transverse Joints in Asphalt Pavement
0130	423-A001		50	Mile	Rumble Strips, Ground In
0140	503-C010		1,550	Linear Feet	Saw Cut, Full Depth
0150	606-B001		430	Linear Feet	Guard Rail, Class A, Type 1
0160	606-E007		4	Each	Guard Rail, Terminal End Section, Non-Flared
0170	618-A001		1	Lump Sum	Maintenance of Traffic
0180	618-B001		2	Square Feet	Additional Construction Signs [$10.00]
0190	619-A1001		48	Mile	Temporary Traffic Stripe, Continuous White
0200	619-A2001		10	Mile	Temporary Traffic Stripe, Continuous Yellow
0210	619-A3001		1	Mile	Temporary Traffic Stripe, Skip White
0220	619-A4002		21	Mile	Temporary Traffic Stripe, Skip Yellow
0230	619-A5001		19,600	Linear Feet	Temporary Traffic Stripe, Detail
0240	619-A6001		320	Square Feet	Temporary Traffic Stripe, Legend
0250	619-A6002		5,500	Linear Feet	Temporary Traffic Stripe, Legend
0260	620-A001		1	Lump Sum	Mobilization
0270	626-A001		1	Mile	6" Thermoplastic Double Drop Traffic Stripe, Skip White
0280	626-C002		49	Mile	6" Thermoplastic Double Drop Edge Stripe, Continuous White
0290	626-D001		21	Mile	6" Thermoplastic Double Drop Traffic Stripe, Skip Yellow
0300	626-E001		10	Mile	6" Thermoplastic Double Drop Traffic Stripe, Continuous Yellow
0310	626-G004		17,300	Linear Feet	Thermoplastic Double Drop Detail Stripe, White
0320	626-G005		7,300	Linear Feet	Thermoplastic Double Drop Detail Stripe, Yellow
0330	626-H001		470	Square Feet	Thermoplastic Double Drop Legend, White

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0340	626-H002		9,000	Linear Feet	Thermoplastic Double Drop Legend, White
0350	627-J001		675	Each	Two-Way Clear Reflective High Performance Raised Markers
0360	627-K001		450	Each	Red-Clear Reflective High Performance Raised Markers
0370	627-L001		2,900	Each	Two-Way Yellow Reflective High Performance Raised Markers
0380	630-F012		22	Each	Delineators, Post Mounted, Single White
0390	630-G003		7	Each	Type 3 Object Markers, OM-3L, Post Mounted
0400	630-G006		15	Each	Type 3 Object Markers, OM-3R or OM-3L, 2 Markers Per Post, Post Mounted
0410	630-G007		7	Each	Type 3 Object Markers, OM-3R, Post Mounted
0420	907-619-B001		132	Linear Feet	Temporary Portable Rumble Strips
0430	907-899-A001		1	Lump Sum	Railway-Highway Provisions
			ALTERNATE GROUP AA NUMBER 1		
0440	304-F001	(GT)	14,950	Ton	3/4" and Down Crushed Stone Base
			ALTERNATE GROUP AA NUMBER 2		
0450	304-F002	(GT)	14,950	Ton	Size 610 Crushed Stone Base
			ALTERNATE GROUP AA NUMBER 3		
0460	304-F003	(GT)	14,950	Ton	Size 825B Crushed Stone Base