$S \ E \ C \ T \ I \ O \ N \quad 9 \ 0 \ 5 \ -- \ P \ R \ O \ P \ O \ S \ A \ L \quad (CONTINUED)$

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):

ADDEN	NDUM NO.	1	DATED	7/20/20	16	ADDENDUM NO.	. <u></u>	DATED	
ADDEN	NDUM NO		DATED			ADDENDUM NO.		DATED	
Number 1				Progress	TOTAL ADDENDA: (Must agree with total addenda issued prior to opening of bids) Respectfully Submitted, DATE Contractor BY Signature TITLE ADDRESS CITY, STATE, ZIP PHONE				
(To be fill	ed in if a corp	ooration)			FAX	X 1AIL			
			ered under the ne executives a			te of		an	d the names
	Pre	sident					Address		
	Sec	retary					Address		
	Trea	asurer					Address		
The follow	ving is my (ou	ır) itemiz	ed proposal.						
MP-	3016-82(009)/	3058863	301000						
Yazo	bo County(ies	5)							

Revised 01/26/2016

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(REVISIONS TO THE ABOVE WILL BE INDICATED ON THE SECOND SHEET OF SECTION 905 AS ADDENDA) 07/20/2016 02:56 PM

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 6512

CODE: (SP)

DATE: 7/20/2016

SUBJECT: Contract Time

PROJECT: MP-3016-82(009) / 305886301 -- Yazoo County

The calendar date for completion of work to be performed by the Contractor for this project shall be <u>November 16, 2016</u> which date or extended date as provided in Subsection 907-108.06 shall be the end of contract time. It is anticipated that the Notice of Award will be issued no later than <u>August 9, 2016</u> and the date for Notice to Proceed / Beginning of Contract Time will be <u>August 22, 2016</u>.

Should the Contractor request a Notice to Proceed earlier than <u>August 22, 2016</u> and it is agreeable with the Department for an early Notice to Proceed, the requested date will become the new Notice to Proceed / Beginning of Contract Time date.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 – NOTICE TO BIDDERS NO. 6513

CODE: (SP)

DATE: 06/01/2016

SUBJECT: Scope of Work

PROJECT: MP-3016-82(009) / 305886301 -- Yazoo 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.

Work on the project shall consist of the following:

<u>HIGHWAY 16</u> OVERLAY FROM 0.8 MILES EAST OF SR 433 (LOG MILE 31.937) TO THE BIG BLACK BRIDGE (LOG MILE 43.730)

- 1. 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 are to be included in the price bid for pay item No. 907-618-A, Maintenance of Traffic). All traffic control devices on this project should comply with the MUTCD (Latest Edition). Fluorescent orange sheeting shall be used on all construction and traffic control signs except for those designated in plans to be black legend and border on white background. Cones shall be narrow profile with a minimum height of 28 inches and a minimum weight of ten (10) pounds. Cones used in speed zones equal to or greater than 45 miles per hour shall be narrow profile with a minimum height of 28 inches and a minimum weight of fifteen (15) pounds. All cones shall be approved by the Engineer prior to use.
- 2. Cold Mill the roadway at the B.O.P., E.O.P, curb and gutter sections and bridge ends as designated by the Project Engineer to ensure smooth transitions of new overlay with existing grade. At the bridge ends the Contractor will mill 1½ and variable for the length of the longest guardrail section and then taper the milling out to zero using a ½ inch per 50 taper. It is the Contractor's responsibility to insure the drainage of surface water from the milled areas. Temporary wedges of full lane width Asphalt shall be placed by the Contractor immediately after the cold milling process to allow the safe transition of traffic. These wedges shall be maintained in a satisfactory condition by the Contractor until the permanent Asphalt is placed. All costs for placing and maintaining these wedges shall be absorbed in other pay items.
- 3. Overlay Highway 16 with 1¹/₂ inches and variable 9.5-mm, ST, Asphalt. Prior to the overlay, a ³/₄-inch and variable leveling lift of 9.5-mm, ST, Leveling Asphalt will be placed

on the mainline from log mile 36.937 To 40.437. The leveling course will not require density tests, but MDOT will require the Contractor to run nuclear gauge densities to assure the asphalt is being rolled to refusal. Standard density numbers, as well as a rolling pattern, will be supplied to MDOT by the Contractor. The Contractor will use at least two rollers in this operation, one of which will be a pneumatic rubber tire. The leveling on the mainline will be feathered down as to not extend over the milled surfaces. This overlay will consist of overlaying the mainline highway, local roads and asphalt pads. Publicly maintained roads or streets shall be paved to the existing right of way and will be paid under the Asphalt pay item (9.5-mm, ST, Asphalt Pavement). Privately owned entrances shall be paved a distance of 10 feet and variable from the edge of pavement and will be paid under the Asphalt Leveling pay item (9.5-mm, ST, Asphalt Pavement, Leveling). Any site grading at local roads or drives will not be measured for separate payment but will be considered an absorbed item. Cross slopes shall be increased where practical within contract quantities in an effort to achieve a uniform cross slope of 2%. The existing superelevation rate in horizontal curves is to be maintained as a minimum. 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.

Note: The Contractor will be responsible for traffic control while MDOT personnel conduct density testing on the Asphalt. The cost is to be included in the price bid for pay item No. 907-618-A001, Maintenance of Traffic.

- 4. Temporary striping shall conform to finished stripe specifications for alignment, reflectivity, straightness, and neatness. Temporary stripe shall be placed daily 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 and centerline must be applied by using an atomization method. All other stripe may be placed using an extrusion head at the Contractor's option. Glass beads applied to thermoplastic shall conform to Subsection 720.01. Beads shall be double dropped with Class B, High-Visibility first and then Class A Standard Beads. The Contractor will mill a 12-inch rumble strip along the edge of pavement and apply thermoplastic stripe using an atomization method to create a "Rumble Stripe." (See Rumble Stripe Details) On all concrete bridges, existing traffic stripe shall be removed and replaced with High Performance Cold Plastic or Inverted Profile. Cost for removal of the existing stipe will not be measured for separate pay and shall absorbed in other pay items.
- 5. Raise the existing shoulders to match the new pavement elevation by grading existing material and/or placing any needed granular material, all to be bladed and dressed to a finished slope of 4%. 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 granular material. 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 the items bid.

6. Raised pavement markers will be placed at 80-foot intervals in tangents and 40-foot intervals in curves and in urban limits along the centerline of roadway. Local roads shall be delineated as per standard drawing using two-way clear reflective raised markers. Removal of existing raised pavement markers or rumble bars shall be done before the overlay and shall be considered an absorbed item of work.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-619-12

CODE: (SP)

DATE: 07/13/2016

SUBJECT: Temporary Portable Rumble Strips

Section 619, Traffic Control for Construction Zones, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-619.02--Materials. After Subsection 619.02.13 on page 424, add the following.

<u>907-619.02.16--Temporary Portable Rumble Strips.</u> Temporary portable rumble strips shall be made of engineered polymers and may be composed of interlocking segments or may have a hinge at the midpoint. The rumble strips shall consist of the following:

- capable of being installed without adhesives or bolts,
- have a minimum weight of 100 pounds,
- have a minimum overall length of 11 feet,
- have a minimum width of 12 inches, and
- have a maximum height of 3/4 inch.

Temporary portable rumble strips shall be installed in accordance with the attached details, or as directed by the Engineer.

<u>907-619.03--Construction Requirements.</u> After Subsection 619.03.9 on page 427, add the following.

<u>907-619.03.12--Temporary Portable Rumble Strips.</u> Temporary portable rumble strips shall be placed at locations shown on the traffic control plans, attached drawing, or as directed by the Engineer. The rumble strips shall be removed when lane closures are removed, relocated when lane closures are relocated, or as directed by the Engineer.

Prior to placement of the rumble strips, the roadway shall be cleaned to be free of dust, sand, and other materials that may cause slippage. The minimum roadway temperature at the time of installation shall be in accordance with manufacturer recommendations.

A minimum of three (3) temporary portable rumble strips shall be arranged in an array. The spacing of temporary portable rumble strips in each array shall be on 10-foot centers. The rumble strips shall be regularly monitored and maintained to ensure they stay in place under traffic.

<u>907-619.04--Method of Measurement.</u> At the end of Subsection 619.04 on page 428, add the following.

Temporary Portable Rumble Strips will be measured for payment by the linear foot only when a pay item for temporary portable rumble strips is included in the contract. Otherwise, temporary portable rumble strips will be included in the cost of pay item 907-618, Maintenance of Traffic. The quantity of temporary portable rumble strips will be the length of rumble strips approved by the Engineer to be in-place on the project at any one time.

<u>907-619.05--Basis of Payment.</u> Temporary Portable Rumble Strips measured as prescribed above, will be paid for at the contract unit price per linear foot, which price shall be full compensation for cleaning the roadway surface, installing the rumble strips, maintenance and repair of the strips, cleaning and resetting of the strips, removal and replacement, and for all labor, equipment, tools, and incidentals necessary to complete the work.

Add the following to the list of pay items on page 429.

907-619-B: Temporary Portable Rumble Strips

- per linear foot



Detail of Temporary Portable Rumble Strips

Overlay approximately 12 miles of SR 16 from East of SR 433 to the Big Black Bridge, known as State Project No. MP-3016-82(009) / 305886301 in Yazoo County.

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]			
Roadway Items								
0010	423-A001		19	Mile	Rumble Strips, Ground In			
0020	619-A1002		19	Mile	Temporary Traffic Stripe, Continuous White			
0030	619-A2002		14	Mile	Temporary Traffic Stripe, Continuous Yellow			
0040	619-A4006		12	Mile	Temporary Traffic Stripe, Skip Yellow			
0050	619-A5001		4,300	Linear Feet	Temporary Traffic Stripe, Detail			
0060	619-A6001		1,710	Linear Feet	Temporary Traffic Stripe, Legend			
0070	620-A001		1	Lump Sum	Mobilization			
0080	627-J001		520	Each	Two-Way Clear Reflective High Performance Raised Markers			
0090	627-L001		1,100	Each	Two-Way Yellow Reflective High Performance Raised Markers			
0100	907-304-B002	(GT)	8,000	Ton	Granular Material, Class 5, Group D			
0110	907-403-A017	(BA1)	17,000	Ton	9.5-mm, ST, Asphalt Pavement			
0120	907-403-B012	(BA1)	3,000	Ton	9.5-mm, ST, Asphalt Pavement, Leveling			
0130	907-406-A003		2,000	Ton	Cold Milling of Bituminous Pavement, All Depths			
0140	907-407-A001	(A2)	12,000	Gallon	Asphalt for Tack Coat			
0150	907-618-A001		1	Lump Sum	Maintenance of Traffic			
0160	907-618-B001		1	Square Feet	Additional Construction Signs [\$10.00]			
0165	907-619-B001		66	Linear Feet	Temporary Portable Rumble Strips			
0170	907-626-C003		22	Mile	6" Thermoplastic Double Drop Edge Stripe, Continuous White			
0180	907-626-D006		9	Mile	6" Thermoplastic Double Drop Traffic Stripe, Skip Yellow			
0190	907-626-E006		10	Mile	6" Thermoplastic Double Drop Traffic Stripe, Continuous Yellow			
0200	907-626-G006		10,490	Linear Feet	Thermoplastic Double Drop Detail Stripe, White			
0210	907-626-G007		4,330	Linear Feet	Thermoplastic Double Drop Detail Stripe, Yellow			
0220	907-626-H009		2,520	Linear Feet	Thermoplastic Double Drop Legend, White			
ALTERNATE GROUP AA NUMBER 1								
0230	907-626-J003		3,640	Linear Feet	6" Inverted Profile Thermoplastic Traffic Stripe, Continuous White			
0240	907-626-K003		1,820	Linear Feet	6" Inverted Profile Thermoplastic Traffic Stripe, Skip Yellow			
0250	907-626-L001		600	Linear Feet	6" Inverted Profile Thermoplastic Traffic Stripe, Continuous Yellow			
ALTERNATE GROUP AA NUMBER 2								
0260	628-B001		3,640	Linear Feet	6" Cold Plastic Traffic Stripe, Continuous White			
0270	628-D001		1,820	Linear Feet	6" Cold Plastic Traffic Stripe, Skip Yellow			
0280	628-E002		600	Linear Feet	6" Cold Plastic Traffic Stripe, Continuous Yellow			