

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. <u> 1 </u>	DATED <u> 9/18/2018 </u>	ADDENDUM NO. _____	DATED _____
ADDENDUM NO. _____	DATED _____	ADDENDUM NO. _____	DATED _____
ADDENDUM NO. _____	DATED _____	ADDENDUM NO. _____	DATED _____

Number	Description
1	Revised Table of Contents; Add NTB No. 446; Revised Bid Items; Revised or Added Plan Sheet Nos. 2, 27, 28, 29, & 30; 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.

STP-0011-03(081)/ 107373301000

Lowndes County(ies)

Revised 01/26/2016

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION
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PROJECT: STP-0011-03(081)/107373301 - Lowndes

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OF SECTION 905 AS ADDENDA)

09/19/2018 09:51 AM

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 446

CODE: (SP)

DATE: 10/18/2017

SUBJECT: Traffic on Milled Surface in Urban Areas

Bidders are hereby advised that when the main lanes of a roadway are fine milled, traffic will be allowed to run on a milled surfaces for up to five (5) calendar days. The Contractor will be assessed a penalty of **\$5,000 per calendar day** afterwards until the milled surfaces are covered with the next lift of asphalt. It shall be the Contractor's responsibility to ensure that the milling operations do not commence until such time as forecasted weather conditions are suitable enough to allow the placement of the asphalt pavement after the milling operations.

Interchange Improvements on US 82 at N. 18th Avenue and Military Road, known as Federal Aid Project No. STP-0011-03(081) / 107373301 in Lowndes County.

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
Roadway Items					
0010	201-A001		1	Lump Sum	Clearing and Grubbing
0020	202-B007		2,337	Square Yard	Removal of Asphalt Pavement, All Depths
0030	202-B059		1,797	Square Yard	Removal of Concrete Median & Island Pavement, All Depths
0040	202-B063		19	Square Yard	Removal of Concrete Paved Ditch
0050	202-B088		4,642	Linear Feet	Removal of Curb & Gutter, All Types
0060	202-B114		400	Linear Feet	Removal of Debris and Sand From Pipe, All Sizes
0070	202-B165		13	Each	Removal of Inlets, All Sizes
0080	202-B191		254	Linear Feet	Removal of Pipe, 8" And Above
0090	202-B215		54	Each	Removal of Sign Including Post & Footing
0100	202-B240		1,740	Linear Feet	Removal of Traffic Stripe
0110	203-EX020	(E)	4,271	Cubic Yard	Borrow Excavation, AH, FME, Class B9
0120	203-G001	(E)	6,068	Cubic Yard	Excess Excavation, FM, AH
0130	206-A001	(S)	124	Cubic Yard	Structure Excavation
0140	209-A005		7,703	Square Yard	Geotextile Stabilization, Type V, Non-Woven
0150	211-B001	(E)	631	Cubic Yard	Topsoil for Slope Treatment, Contractor Furnished
0160	213-C001		1	Ton	Superphosphate
0170	216-A001		1,747	Square Yard	Solid Sodding
0180	217-A001		48	Square Yard	Ditch Liner
0190	219-A001		30	Thousand Gallon	Watering [\$20.00]
0200	220-A001		1	Acre	Insect Pest Control [\$30.00]
0210	221-A001	(S)	95	Cubic Yard	Concrete Paved Ditch
0220	223-A001		4	Acre	Mowing [\$50.00]
0230	225-A001		2	Acre	Grassing
0240	225-B001		1	Ton	Agricultural Limestone
0250	225-C001		4	Ton	Mulch, Vegetative Mulch
0260	226-A001		2	Acre	Temporary Grassing
0270	234-A001		220	Linear Feet	Temporary Silt Fence
0280	235-A001		92	Each	Temporary Erosion Checks
0290	237-A002		296	Linear Feet	Wattles, 20"
0300	239-A001		100	Linear Feet	Temporary Slope Drains
0310	245-A001		296	Linear Feet	Silt Dike
0320	246-A001		896	Linear Feet	Sandbags

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0330	304-A002	(GY)	4,592	Cubic Yard	Granular Material, LVM, Class 3, Group C
0340	403-A005	(BA1)	630	Ton	19-mm, MT, Asphalt Pavement
0350	403-A014	(BA1)	3,962	Ton	9.5-mm, MT, Asphalt Pavement
0360	406-D001		2,813	Square Yard	Fine Milling of Bituminous Pavement, All Depths
0370	407-A001	(A2)	2,780	Gallon	Asphalt for Tack Coat
0380	503-C010		4,488	Linear Feet	Saw Cut, Full Depth
0390	601-B001	(S)	88	Cubic Yard	Class "B" Structural Concrete, Minor Structures
0400	602-A001	(S)	6,953	Pounds	Reinforcing Steel
0410	603-A050	(S)	208	Linear Feet	18" Steel Pipe, Jacked or Bored
0420	603-CA011	(S)	616	Linear Feet	18" Reinforced Concrete Pipe, Class III
0430	603-CA026	(S)	192	Linear Feet	24" Reinforced Concrete Pipe, Class III
0440	603-CA040	(S)	48	Linear Feet	30" Reinforced Concrete Pipe, Class III
0450	603-CA055	(S)	16	Linear Feet	36" Reinforced Concrete Pipe, Class III
0460	603-CB003	(S)	10	Each	18" Reinforced Concrete End Section
0470	603-CB004	(S)	3	Each	24" Reinforced Concrete End Section
0480	603-CB005	(S)	1	Each	30" Reinforced Concrete End Section
0490	603-CB006	(S)	2	Each	36" Reinforced Concrete End Section
0500	604-A001		2,075	Pounds	Castings
0510	604-B001		600	Pounds	Gratings
0520	609-B002	(S)	283	Linear Feet	Concrete Curb, Header
0530	609-B003	(S)	759	Linear Feet	Concrete Curb, Special Design
0540	609-D004	(S)	494	Linear Feet	Combination Concrete Curb and Gutter Type 2 Modified
0550	609-D008	(S)	6,231	Linear Feet	Combination Concrete Curb and Gutter Type 3A
0560	612-B001		4	Cubic Yard	Flowable Fill, Non-Excavatable
0570	616-A001	(S)	263	Square Yard	Concrete Median and/or Island Pavement, 10-inch
0580	616-A003	(S)	862	Square Yard	Concrete Median and/or Island Pavement, 12-inch
0590	616-A004	(S)	3,678	Square Yard	Concrete Median and/or Island Pavement, 4-inch
0600	618-A001		1	Lump Sum	Maintenance of Traffic
0610	619-A1004		5	Mile	Temporary Traffic Stripe, Continuous White, Paint
0620	619-A2004		3	Mile	Temporary Traffic Stripe, Continuous Yellow, Paint
0630	619-A5002		7,085	Linear Feet	Temporary Traffic Stripe, Detail, Paint
0640	619-A6001		741	Square Feet	Temporary Traffic Stripe, Legend
0650	619-A6002		1,158	Linear Feet	Temporary Traffic Stripe, Legend
0660	619-D1001		272	Square Feet	Standard Roadside Construction Signs, Less than 10 Square Feet

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0670	619-D2001		1,203	Square Feet	Standard Roadside Construction Signs, 10 Square Feet or More
0680	619-G4001		60	Linear Feet	Barricades, Type III, Double Faced
0690	619-G4005		120	Linear Feet	Barricades, Type III, Single Faced
0700	619-G5001		529	Each	Free Standing Plastic Drums
0710	619-G7001		67	Each	Warning Lights, Type "B"
0720	620-A001		1	Lump Sum	Mobilization
0730	626-A004		2	Mile	6" Thermoplastic Traffic Stripe, Skip White
0740	626-B004		3	Mile	6" Thermoplastic Traffic Stripe, Continuous White
0750	626-D004		1,112	Linear Feet	6" Thermoplastic Traffic Stripe, Skip Yellow
0760	626-E004		3	Mile	6" Thermoplastic Traffic Stripe, Continuous Yellow
0770	626-G002		19,629	Linear Feet	Thermoplastic Detail Stripe, White
0780	626-G003		7,802	Linear Feet	Thermoplastic Detail Stripe, Yellow
0790	626-H004		2,426	Square Feet	Thermoplastic Legend, White
0800	626-H005		2,591	Linear Feet	Thermoplastic Legend, White
0810	627-K001		44	Each	Red-Clear Reflective High Performance Raised Markers
0820	627-L001		106	Each	Two-Way Yellow Reflective High Performance Raised Markers
0830	630-A001		283	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness
0840	630-A003		159	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness
0850	630-A005		236	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.1" Thickness
0860	630-B002		232	Square Feet	Interstate Directional Signs, Bolted Extruded Aluminum Panels, Ground Mounted
0870	630-C002		18	Linear Feet	Steel U-Section Posts, 2.0 lb/ft
0880	630-C003		124	Linear Feet	Steel U-Section Posts, 3.0 lb/ft
0890	630-D008		213	Linear Feet	Structural Steel Beams, W6 x 9
0900	630-E002		193	Pounds	Structural Steel Angles & Bars, 3" x 3" x 1/4" Angles
0910	630-E004		785	Pounds	Structural Steel Angles & Bars, 7/16" x 2 1/2" Flat Bar
0920	630-K001		403	Linear Feet	Welded & Seamless Steel Pipe Posts, 3 1/2"
0930	630-K002		130	Linear Feet	Welded & Seamless Steel Pipe Posts, 3"
0940	630-K003		216	Linear Feet	Welded & Seamless Steel Pipe Posts, 4"
0950	635-A059		25	Each	Traffic Signal Head, Type 1
0960	635-A060		1	Each	Traffic Signal Head, Type 1A
0970	635-A065		8	Each	Traffic Signal Head, Type 2 FYA
0980	635-A070		2	Each	Traffic Signal Head, Type 3
0990	635-A079		1	Each	Traffic Signal Head, Type 7R

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1000	646-B001		15	Each	Illuminated Street Name Sign
1010	647-A001		1	Lump Sum	Removal of Existing Traffic Signal Equipment
1020	682-A018		2,115	Linear Feet	Underground Branch Circuit, AWG 2, 3 Conductor
1030	682-A025		50	Linear Feet	Underground Branch Circuit, AWG 3/0, 3 Conductor
1040	682-B016		395	Linear Feet	Underground Branch Circuit, Jacked or Bored, AWG 2, 3 Conductor
1050	682-D003		1	Each	Underground Pull Box
1060	682-E003		12	Each	Underground Junction Box With Concrete Pad
1070	682-F001		1	Each	Secondary Power Controller
1080	683-B198		12	Each	Lighting Assembly, Low Mast, LED, Type 39-1-0-376
1090	684-A004		20	Cubic Yard	Pole Foundation, 30" Diameter
1100	699-A001		1	Lump Sum	Roadway Construction Stakes
1110	907-619-E3001		5	Each	Changeable Message Sign
1120	907-632-A007		1	Each	Solid State Traffic Cabinet Assembly, Type III Cabinet, Type 1 Controller
1130	907-632-A010		2	Each	Solid State Traffic Cabinet Assembly, Type IV Cabinet, Type 1 Controller
1140	907-632-D001		1	Each	Solid State Traffic Actuated Controller, Type 1
1150	907-632-G001		1	Each	Malfunction Management Unit
1160	907-632-J001		3	Each	Power Service Pedestal
1170	907-633-A001		2	Each	Uninterruptable Power Supply
1180	907-634-A043		1	Each	Traffic Signal Equipment Pole, Type II(L), 30' Shaft, 35' Arm
1190	907-634-A044		1	Each	Traffic Signal Equipment Pole, Type II(L), 30' Shaft, 40' Arm
1200	907-634-A045		1	Each	Traffic Signal Equipment Pole, Type II(L), 30' Shaft, 45' Arm
1210	907-634-A046		2	Each	Traffic Signal Equipment Pole, Type II(L), 30' Shaft, 50' Arm
1220	907-634-A065		1	Each	Traffic Signal Equipment Pole, Type II(L), 40' Shaft, 65' Arm
1230	907-634-A086		1	Each	Traffic Signal Equipment Pole, Type II, 17' Shaft, 50' Arm
1240	907-634-A239		1	Each	Traffic Signal Equipment Pole, Type III(L), 30' Shaft, 35' & 40' Arm
1250	907-634-A254		1	Each	Traffic Signal Equipment Pole, Type III(L), 30' Shaft, 40' & 40' Arm
1260	907-634-A271		1	Each	Traffic Signal Equipment Pole, Type III(L), 30' Shaft, 50' & 60' Arm
1270	907-634-A398		1	Each	Traffic Signal Equipment Pole, Type III, 17' Shaft, 50' & 55' Arms
1280	907-634-C001		35	Cubic Yard	Pole Foundations, Class "B" Concrete
1290	907-636-B003		1,330	Linear Feet	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 10, 2 Conductor
1300	907-636-B016		2,355	Linear Feet	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 14, 8 Conductor
1310	907-636-B025		185	Linear Feet	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 6, 3 Conductor
1320	907-636-D001		804	Linear Feet	Electric Cable, Aerial Supported in Conduit, IMSA 20-1, AWG 10, 2 Conductor

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1330	907-636-D008		935	Linear Feet	Electric Cable, Aerial Supported in Conduit, IMSA 20-1, AWG 14, 8 Conductor
1340	907-637-A002		7	Each	Pullbox Enclosure, Type 2
1350	907-637-A003		3	Each	Pullbox Enclosure, Type 3
1360	907-637-A004		2	Each	Pullbox Enclosure, Type 4
1370	907-637-C026		55	Linear Feet	Traffic Signal Conduit, Underground, Type 4, 1"
1380	907-637-C028		210	Linear Feet	Traffic Signal Conduit, Underground, Type 4, 2"
1390	907-637-C030		450	Linear Feet	Traffic Signal Conduit, Underground, Type 4, 3"
1400	907-637-D001		80	Linear Feet	Traffic Signal Conduit, Underground Drilled or Jacked, Rolled Pipe, 1"
1410	907-637-D002		620	Linear Feet	Traffic Signal Conduit, Underground Drilled or Jacked, Rolled Pipe, 2"
1420	907-637-D003		945	Linear Feet	Traffic Signal Conduit, Underground Drilled or Jacked, Rolled Pipe, 3"
1430	907-639-B001		12	Each	Type 1 Optical Detector
1440	907-639-C001		2,398	Linear Feet	Type 1 Optical Detector Cable
1450	907-639-D001		4	Each	Multimode Phase Selector
1460	907-641-A002		15	Each	Signal Stop Bar Radar Vehicle Detection Sensor, Type 2
1470	907-641-B002		11	Each	Signal Advanced Radar Vehicle Detection Sensor, Type 2
1480	907-641-D001		4,605	Linear Feet	Radar Vehicle Detection Cable
1490	907-650-A003		2	Each	On Street Video Equipment, PTZ Type
1500	907-653-A001		44	Square Feet	Traffic Sign
1510	907-661-B002		635	Linear Feet	Fiber Optic Drop Cable, 12 SM
1520	907-662-D002		2	Each	Radio Interconnect, Broadband, Short Range
1530	907-663-A002		3	Each	Network Switch, Type B
ALTERNATE GROUP AA NUMBER 1					
1540	304-H001	(GY)	2,562	Cubic Yard	3/4" and Down Crushed Stone Base, LVM
ALTERNATE GROUP AA NUMBER 2					
1550	304-H002	(GY)	2,562	Cubic Yard	Size 610 Crushed Stone Base, LVM
ALTERNATE GROUP AA NUMBER 3					
1560	304-H003	(GY)	2,562	Cubic Yard	Size 825B Crushed Stone Base, LVM

ADDENDUM

STATE	PROJECT NO.
MISS.	STP-0011-03(081)

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DESCRIPTION OF SHEET

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18TH AVE. -STA. 13+20 TO STA. 18+80	ECP-5		81
5TH STREET	ECP-5A		82
18TH AVE. SW OFFRAMP INTERCHANGE	ECP-5B		83
18TH AVE. SW OFFRAMP	ECP-5C		84
18TH AVE. NW OFFRAMP INTERCHANGE	ECP-5D		85
18TH AVE. NW OFFRAMP	ECP-5E		86
18TH AVE. -STA. 19+00 TO STA. 24+60	ECP-6		87
18TH AVE. SE OFFRAMP INTERCHANGE	ECP-6A		88
18TH AVE. SE OFFRAMP	ECP-6B		89
18TH AVE. NE ONRAMP INTERCHANGE	ECP-6C		90
18TH AVE. NE ONRAMP	ECP-6D		91
18TH AVE. -STA. 24+60 TO E.O.P. STA. 30+00	ECP-7		92
MILITARY ROAD -STA. 10+00 TO STA. 13+40	ECP-8		93
MILITARY ROAD -SOUTH ROUNDABOUT STA. 13+60 TO STA. 18+60	ECP-9		94
MILITARY ROAD SW OFFRAMP INTERCHANGE	ECP-9A		95
MAIN FACILITY -MILITARY ROAD SE ONRAMP INTERCHANGE	ECP-9B		96
EB 82 ONRAMP	ECP-9C		97
EB 82 ONRAMP	ECP-9D		98
MILITARY ROAD -STA. 18+65 TO STA. 21+25	ECP-10		99
MILITARY ROAD -NORTH ROUNDABOUT	ECP-11		100
MILITARY ROAD NW ONRAMP INTERCHANGE	ECP-11A		101
WB 82 ONRAMP	ECP-11B		102
MILITARY ROAD NE OFFRAMP INTERCHANGE	ECP-11C		103
MILITARY ROAD NE OFFRAMP	ECP-11D		104
MILITARY ROAD -STA. 27+15 TO STA. 33+03.145	ECP-12		105
WOODMONT MILL/OVERLAY	ECP-12A		106
INTERSECTION DETAIL SHEETS (4)			
INTERSECTION DETAIL -18TH AVENUE -NORTHWEST RAMP	ID-1		107
INTERSECTION DETAIL -18TH AVENUE -SOUTHEAST RAMP	ID-2		108
INTERSECTION DETAIL -SOUTH ROUNDABOUT	ID-3		109
INTERSECTION DETAIL -NORTH ROUNDABOUT	ID-4		110

PS & E PLANS-DATE 08/17/18		
FMS CON. # 107373/301000		
REVISIONS		
DATE	SHEET NO.	BY
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09/14/18	27, 28, 29, 30	SR

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
PROJ. NO.: STP-0011-03(081) COUNTY: LOWNDES	
FILENAME: RWD-DI DESIGN TEAM: MITTS	WORKING NUMBER DI-1 SHEET NUMBER 2

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ADDENDUM

STATE	PROJECT NO.
MISS	STP-0011-03(081)

SUMMARY OF QUANTITIES (SHEET 1)				
PAY ITEM NO.	PAY ITEM	UNIT	LOWNDES : 107373-301000	
			Prelim	Final
201-A001	Clearing and Grubbing	LS	1	
202-B007	Removal of Asphalt Pavement, All Depths	SY	2,337	
202-B059	Removal of Concrete Median & Island Pavement, All Depths	SY	1,797	
202-B063	Removal of Concrete Paved Ditch	SY	19	
202-B088	Removal of Curb & Gutter, All Types	LF	4,642	
202-B114	Removal of Debris and Sand From Pipe, All Sizes	LF	400	
202-B165	Removal of Inlets, All Sizes	EA	13	
202-B191	Removal of Pipe, 8" And Above	LF	254	
202-B215	Removal of Sign Including Post & Footing	EA	54	
202-B240	Removal of Traffic Stripe	LF	1,740	
203-EX020	Borrow Excavation, AH, FME, Class B9	CY	4,271	
203-G001	Excess Excavation, FM, AH	CY	6,068	
206-A001	Structure Excavation	CY	124	
209-A005	Geotextile Stabilization, Type V, Non-Woven	SY	7,703	
211-B001	Topsoil for Slope Treatment, Contractor Furnished	CY	631	
213-C001	Superphosphate	TON	1	
216-A001	Solid Sodding	SY	1,747	
217-A001	Ditch Liner	SY	48	
219-A001	Watering	KGAL	30	
220-A001	Insect Pest Control	ACRE	1	
221-A001	Concrete Paved Ditch	CY	95	
223-A001	Mowing	ACRE	4	
225-A001	Grassing	ACRE	2	
225-B001	Agricultural Limestone	TON	1	
225-C001	Mulch, Vegetative Mulch	TON	4	
226-A001	Temporary Grassing	ACRE	2	
234-A001	Temporary Silt Fence	LF	220	
235-A001	Temporary Erosion Checks	EA	92	
237-A002	Wattles, 20"	LF	296	
239-A001	Temporary Slope Drains	LF	100	
245-A001	Silt Dike	LF	296	
246-A001	Sandbags	LF	896	
304-A002	Granular Material, LVM, Class 3, Group C	CY	4,592	
304-H001	3/4" and Down Crushed Stone Base, LVM	CY	2,562	
	OR			
304-H002	Size 610 Crushed Stone Base, LVM	CY	2,562	
	OR			
304-H003	Size 825B Crushed Stone Base, LVM	CY	2,562	
403-A005	19-mm, MT, Asphalt Pavement	TON	630	
403-A014	9.5-mm, MT, Asphalt Pavement	TON	3,962	
406-D001	Fine Milling of Bituminous Pavement, All Depths	SY	2,813	
407-A001	Asphalt for Tack Coat	GAL	2,780	

- ① INCLUDES, BUT NOT LIMITED TO, FENCE, FOOTINGS, AND/OR OTHER UNDERGROUND OBSTRUCTIONS.
- ② ESTIMATED QUANTITY. ACTUAL QUANTITY TO BE AS DIRECTED BY THE ENGINEER.
- ③ QUANTITY INCREASED BY 50%.
- ④ QUANTITY ROUNDED UP TO THE NEAREST 50 OR 100 UNITS.
- ⑤ INCLUDES FLARED END SECTIONS.

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REVISED PAY ITEMS AND QUANTITIES	SR	By	MISSISSIPPI DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES	 Working Number SQ-1
	Date	Revision		
09/14/2018			Checked	Date 9-14-18

ADDENDUM

STATE	PROJECT NO.
MISS	STP-0011-03(081)

SUMMARY OF QUANTITIES (SHEET 2)				
PAY ITEM NO.	PAY ITEM	UNIT	LOWNDES : 107373-301000	
			Prelim	Final
503-C010	Saw Cut, Full Depth	LF	4,488	
601-B001	Class "B" Structural Concrete, Minor Structures	CY	88	①
602-A001	Reinforcing Steel	LBS	6,953	②
603-A050	18" Steel Pipe, Jacked or Bored	LF	208	⚠
603-CA011	18" Reinforced Concrete Pipe, Class III	LF	616	
603-CA026	24" Reinforced Concrete Pipe, Class III	LF	192	
603-CA040	30" Reinforced Concrete Pipe, Class III	LF	48	
603-CA055	36" Reinforced Concrete Pipe, Class III	LF	16	
603-CB003	18" Reinforced Concrete End Section	EA	10	
603-CB004	24" Reinforced Concrete End Section	EA	3	
603-CB005	30" Reinforced Concrete End Section	EA	1	
603-CB006	36" Reinforced Concrete End Section	EA	2	
604-A001	Castings	LBS	2,075	
604-B001	Gratings	LBS	600	
609-B002	Concrete Curb, Header	LF	283	
609-B003	Concrete Curb, Special Design	LF	759	
609-D004	Combination Concrete Curb and Gutter Type 2 Modified	LF	494	
609-D008	Combination Concrete Curb and Gutter Type 3A	LF	6,231	
612-B001	Flowable Fill, Non-Excavatable	CY	4	④
616-A001	Concrete Median and/or Island Pavement, 10-inch	SY	263	
616-A003	Concrete Median and/or Island Pavement, 12-inch	SY	862	
616-A004	Concrete Median and/or Island Pavement, 4-inch	SY	3,678	
618-A001	Maintenance of Traffic	LS	1	
619-A1004	Temporary Traffic Stripe, Continuous White, Paint	MI	5	
619-A2004	Temporary Traffic Stripe, Continuous Yellow, Paint	MI	3	
619-A5002	Temporary Traffic Stripe, Detail, Paint	LF	7,085	③
619-A6001	Temporary Traffic Stripe, Legend	SF	741	
619-A6002	Temporary Traffic Stripe, Legend	LF	1,158	
619-D1001	Standard Roadside Construction Signs, Less than 10 Square Feet	SF	272	
619-D2001	Standard Roadside Construction Signs, 10 Square Feet or More	SF	1,203	
907-619-E3001	Changeable Message Sign	EA	5	
619-G4001	Barricades, Type III, Double Faced	LF	60	
619-G4005	Barricades, Type III, Single Faced	LF	120	
619-G5001	Free Standing Plastic Drums	EA	529	
619-G7001	Warning Lights, Type "B"	EA	67	
620-A001	Mobilization	LS	1	
626-A004	6" Thermoplastic Traffic Stripe, Skip White	MI	2	

- ① INCLUDES 13 C.Y. FOR PERMANENT SIGNS, 70 C.Y. FOR DRAINAGE STRUCTURES, AND 5 C.Y. FOR JUNCTION BOXES.
- ② INCLUDES 396 LBS. FOR PERMANENT SIGNS, 6199 FOR DRAINAGE STRUCTURES, AND 358 FOR JUNCTION BOXES.
- ③ 6228 L.F. DETAIL WHITE
857 L.F. DETAIL YELLOW
- ④ PIPE AT 16+20 LT TO BE PLUGGED WITH FLOWABLE FILL.

SR	By	
	Revision	
REVISOR	MISSISSIPPI DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES	
Date	Proj No: STP-0011-03(081) County: LOWNDES	Working Number SQ-2
08/17/2018	FILENAME : SQ Design Team MITTS	Sheet Number 28
	Checked	Date 9-14-18


ADDENDUM

STATE	PROJECT NO.
MISS	STP-0011-03(081)

SUMMARY OF QUANTITIES (SHEET 3)

PAY ITEM NO.	PAY ITEM	UNIT	LOWNDES : 107373-301000	
			Prelim	Final
626-B004	6" Thermoplastic Traffic Stripe, Continuous White	MI	3	
626-D004	6" Thermoplastic Traffic Stripe, Skip Yellow	LF	1,112	
626-E004	6" Thermoplastic Traffic Stripe, Continuous Yellow	MI	3	
626-G002	Thermoplastic Detail Stripe, White	LF	19,364	
626-G003	Thermoplastic Detail Stripe, Yellow	LF	7,802	
626-H004	Thermoplastic Legend, White	SF	2,426	
626-H005	Thermoplastic Legend, White	LF	2,591	
627-K001	Red-Clear Reflective High Performance Raised Markers	EA	44	
627-L001	Two-Way Yellow Reflective High Performance Raised Markers	EA	106	②
630-A001	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness	SF	283	②
630-A003	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness	SF	159	②
630-A005	Standard Roadside Signs, Sheet Aluminum, 0.1" Thickness	SF	236	②
630-B002	Interstate Directional Signs, Bolted Extruded Aluminum Panels, Ground Mounted	SF	232	②
630-C002	Steel U-Section Posts, 2.0 lb/ft	LF	18	②
630-C003	Steel U-Section Posts, 3.0 lb/ft	LF	124	
630-D008	Structural Steel Beams, W6 x 9	LF	213	
630-E002	Structural Steel Angles & Bars, 3" x 3" x 1/4" Angles	LBS	193	
630-E004	Structural Steel Angles & Bars, 7/16" x 2 1/2" Flat Bar	LBS	785	
630-K001	Welded & Seamless Steel Pipe Posts, 3 1/2"	LF	403	
630-K002	Welded & Seamless Steel Pipe Posts, 3"	LF	130	
630-K003	Welded & Seamless Steel Pipe Posts, 4"	LF	216	
907-632-A007	Solid State Traffic Cabinet Assembly, Type III Cabinet, Type 1 Controller	EA	1	③
907-632-A010	Solid State Traffic Cabinet Assembly, Type IV Cabinet, Type 1 Controller	EA	2	③
907-632-D001	Solid State Traffic Actuated Controller, Type 1	EA	1	
907-632-G001	Malfunction Management Unit	EA	1	
907-632-J001	Power Service Pedestal	EA	3	
907-633-A001	Uninterruptable Power Supply	EA	2	
907-634-A043	Traffic Signal Equipment Pole, Type II(L), 30' Shaft, 35' Arm	EA	1	①
907-634-A044	Traffic Signal Equipment Pole, Type II(L), 30' Shaft, 40' Arm	EA	1	①
907-634-A045	Traffic Signal Equipment Pole, Type II(L), 30' Shaft, 45' Arm	EA	1	①
907-634-A046	Traffic Signal Equipment Pole, Type II(L), 30' Shaft, 50' Arm	EA	2	①
907-634-A065	Traffic Signal Equipment Pole, Type II(L), 40' Shaft, 65' Arm	EA	1	①
907-634-A086	Traffic Signal Equipment Pole, Type II, 17' Shaft, 50' Arm	EA	1	①
907-634-A239	Traffic Signal Equipment Pole, Type III(L), 30' Shaft, 35' & 40' Arm	EA	1	① ②
907-634-A254	Traffic Signal Equipment Pole, Type III(L), 30' Shaft, 40' & 40' Arm	EA	1	①
907-634-A271	Traffic Signal Equipment Pole, Type III(L), 30' Shaft, 50' & 60' Arm	EA	1	①
907-634-A398	Traffic Signal Equipment Pole, Type III, 17' Shaft, 50' & 55' Arms	EA	1	①
907-634-C001	Pole Foundations, Class "B" Concrete	CY	35	
635-A059	Traffic Signal Head, Type 1	EA	25	②

- ① TRAFFIC SIGNAL MAST ARM POLES SHALL BE HOT DIPPED GALVANIZED. DESIGN WIND SPEED FOR TRAFFIC SIGNAL POLES SHALL BE 90 MPH, ACCORDING TO THE 2013 AASHTO SPECIFICATIONS. USE FATIGUE CATEGORY II, USE 50-YEAR DESIGN SERVICE LIFE. DO NOT CONSIDER GALLOPING OR TRUCK-INDUCED GUSTS. ICE LOADS INCLUDED. LUMINAIRES SHALL BE HOLOPHANE MONGOOSE LED MGLED-9-5K-AS-W-L-V-G (SEE TSD-3C AND LD-3).
- ② TRAFFIC SIGNAL HEADS SHALL BE BLACK IN COLOR WITH BLACK BACK PLATES.
- ③ CONTROLLER FIRMWARE SHALL BE LATEST AVAILABLE (NO LESS THAN 3.58). CONTROLLER TIMINGS TO BE PROVIDED BY THE NEEL-SCHAFFER ENGINEERS, JACKSON MS. OFFICE. CONTACT MARK SORRELL (601-948-3071, mark.sorrell@neel-schaffer.com). REQUEST FOR TIMING MUST BE RECEIVED AT LEAST 2 WEEKS PRIOR TO SIGNAL TURN-ON.

REVISED PAY ITEMS AND QUANTITIES	SR	By	MISSISSIPPI DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES	
	Date	Revision		
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ADDENDUM

STATE	PROJECT NO.
MISS	STP-0011-03(081)

SUMMARY OF QUANTITIES (SHEET 4)

PAY ITEM NO.	PAY ITEM	UNIT	LOWNDES : 107373-301000		
			Prelim	Final	
635-A060	Traffic Signal Head, Type 1A	EA	1		⑦
635-A065	Traffic Signal Head, Type 2 FYA	EA	8		①
635-A070	Traffic Signal Head, Type 3	EA	2		①
635-A079	Traffic Signal Head, Type 7R	EA	1		①
907-636-B003	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 10, 2 Conductor	LF	1,330		
907-636-B016	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 14, 8 Conductor	LF	2,355		
907-636-B025	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 6, 3 Conductor	LF	185		
907-636-D001	Electric Cable, Aerial Supported in Conduit, IMSA 20-1, AWG 10, 2 Conductor	LF	804		②
907-636-D008	Electric Cable, Aerial Supported in Conduit, IMSA 20-1, AWG 14, 8 Conductor	LF	935		②
907-637-A002	Pullbox Enclosure, Type 2	EA	7		
907-637-A003	Pullbox Enclosure, Type 3	EA	3		
907-637-A004	Pullbox Enclosure, Type 4	EA	2		
907-637-C026	Traffic Signal Conduit, Underground, Type 4, 1"	LF	55		
907-637-C028	Traffic Signal Conduit, Underground, Type 4, 2"	LF	210		
907-637-C030	Traffic Signal Conduit, Underground, Type 4, 3"	LF	450		
907-637-D001	Traffic Signal Conduit, Underground Drilled or Jacked, Rolled Pipe, 1"	LF	80		
907-637-D002	Traffic Signal Conduit, Underground Drilled or Jacked, Rolled Pipe, 2"	LF	620		
907-637-D003	Traffic Signal Conduit, Underground Drilled or Jacked, Rolled Pipe, 3"	LF	945		
907-639-B001	Type 1 Optical Detector	EA	12		
907-639-C001	Type 1 Optical Detector Cable	LF	2,398		
907-639-D001	Multimode Phase Selector	EA	4		
907-641-A002	Signal Stop Bar Radar Vehicle Detection Sensor, Type 2	EA	15		△
907-641-B002	Signal Advanced Radar Vehicle Detection Sensor, Type 2	EA	11		△
907-641-D001	Radar Vehicle Detection Cable	LF	4,605		△
646-B001	Illuminated Street Name Sign	EA	15		③ △
647-A001	Removal of Existing Traffic Signal Equipment	LS	1		④ △
907-650-A003	On Street Video Equipment, PTZ Type	EA	2		△
907-653-A001	Traffic Sign	SF	44		△
907-661-B002	Fiber Optic Drop Cable, 12 SM	LF	635		⑤ △
907-662-D002	Radio Interconnect, Broadband, Short Range	EA	2		△
907-663-A002	Network Switch, Type B	EA	3		⑥ △
682-A018	Underground Branch Circuit, AWG 2, 3 Conductor	LF	2,115		△
682-A025	Underground Branch Circuit, AWG 3/0, 3 Conductor	LF	50		△
682-B016	Underground Branch Circuit, Jacked or Bored, AWG 2, 3 Conductor	LF	395		△
682-D003	Underground Pull Box	EA	1		△
682-E003	Underground Junction Box With Concrete Pad	EA	12		△
682-F001	Secondary Power Controller	EA	1		△
683-B198	Lighting Assembly, Low Mast, LED, Type 39-1-0-376	EA	12		△
684-A004	Pole Foundation, 30" Diameter	CY	20		△
699-A001	Roadway Construction Stakes	LS	1		△

- ① TRAFFIC SIGNAL HEADS SHALL BE BLACK IN COLOR WITH BLACK BACK PLATES.
- ② SIGNAL CABLE IN POLES AND ARMS. MEASURED VERTICALLY ALONG THE MAST ARM POLE AND HORIZONTALLY ALONG THE MAST ARM.
- ③ ILLUMINATED STREET NAME SIGN TO BE PURCHASED BY THE CITY AND SUPPLIED TO THE CONTRACTOR. PAY ITEM SHALL BE FULL COMPENSATION FOR FURNISHING MOUNTING HARDWARE AND INSTALLING THE SIGN ON THE MAST ARM SIGNAL POLE, AND FOR ALL EQUIPMENT, TOOLS, LABOR, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK.
- ④ CONTRACTOR TO REMOVE ALL EXISTING SIGNAL EQUIPMENT THAT IS NO LONGER REQUIRED OR AS NOTED ON PLANS. CONTRACTOR SHALL COORDINATE THE DELIVERY OF SALVAGED EQUIPMENT WITH THE CITY. SALVAGED EQUIPMENT INCLUDES SIGNAL POLES, HEADS, CONTROLLER CABINET WITH ALL INTERNAL ITEMS, AND PULLBOXES NOT ENCASED IN CONCRETE.
- ⑤ SHOWN ON THE PLANS AS F.O. DROP. INCLUDES F.O. DROP PANELS AND TERMINATION OF ALL FIBERS AS SHOWN ON THE PLANS. ALL SPLICES AND CONNECTIONS TO BE COST ABSORBED.
- ⑥ TO PROVIDE SYNCHRONIZATION WITH EXISTING EQUIPMENT, CONTRACTOR SHALL SUPPLY CISCO INDUSTRIAL ETHERNET 2000 SERIES SWITCHES. MODEL IE-2000-16TC-G-E ETHERNET SWITCH (CON-SNT-IE20001E) (SNTC-8X5XNBD IE 16 10/100, 2 FE SF) FOR THE TYPE B NETWORK SWITCH.
- ⑦ TYPE 1A SIGNAL HEADS REQUIRE GEOMETRICALLY PROGRAMMED LOUVERS.

REVISED PAY ITEMS AND QUANTITIES	SR	By	MISSISSIPPI DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES	
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			Checked	Date 9-14-18