#### 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. ADDENDUM NO. \_\_\_\_\_ 3/12/2010 DATED DATED ADDENDUM NO DATED ADDENDUM NO. DATED Number Description TOTAL ADDENDA: 1 (Must agree with total addenda issued prior to opening of bids) 1 Replace Table of Contents, Notice To Bidders No. 2948 & 2949, and Bidsheets with same: Add Notice To Bidders No. 2976 & 2985; Add 907-Respectfully Submitted, 225-2 & 907-226-1; Revised Plan Sheets 2, 8, 10, & 38; Amendment EBS Download Required. DATE Contractor BY \_\_\_\_\_ Signature TITLE ADDRESS \_\_\_\_\_ CITY, STATE, ZIP 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 Address Secretary Treasurer Address

The following is my (our) itemized proposal.

#### TABLE OF CONTENTS

#### PROJECT: HSIP-0055-02(205) / 105657301 -- Hinds County

901--Advertisement

904--Notice to Bidders: Governing Specs. - # 1

Final Clean-up - #3

Fiber Reinforced Concrete - # 640

Disadvantage Business Enterprise, W/Supplement - # 696

On-The-Job Training Program - # 777

Payroll Requirements - #883

Rumble Stripe - #1312

Errata & Modifications to 2004 Standard Specifications - # 1405

Safety Apparel - # 1808

Federal Bridge Formula - # 1928 Department of Labor Ruling - # 2239 Status of ROW, <u>W/Attachments</u> - # 2382

DBE Forms, Participation and Payment - #2596

Use of Precast Drainage Units - #2774

Non-Quality/Quality Assurance Concrete - # 2818

Petroleum Products Base Price - # 2858

Storm Water Discharge Associated w/ Construction Activities (>1 and

<5 Acres ) - #2904 Contract Time - # 2948 Specialty Items - # 2949

Lane Closure Restrictions - #2951

Additional Erosion Control Requirements - # 2976

Application Rate for Mulch - # 2985

## 906: Required Federal Contract Provisions -- FHWA-1273, W/Supplements

907-101-4: Definitions

907-102-4: Bidding Requirements and Conditions, W/Supplement

907-103-8 Award and Execution of Contract

907-104-1: Partnering Process

907-105-3: Cooperation By Contractors, W/Supplement

907-107-7: Legal Relations & Responsibility to Public, W/Supplement

907-107-8 Contractor's Erosion Control Plan

907-108-18: Prosecution and Progress

907-109-4: Measurement and Payment, W/Supplement

907-110-1: Wage Rates

907-213-2: Agricultural Limestone

907-225-2: Grassing

# PAGE 2 PROJECT: HSIP-0055-02(205) / 105657301 -- Hinds County

907-226-1:	Temporary Grassing
907-234-4:	Siltation Barriers
907-237-3:	Wattles
907-245-1:	Triangular Silt Dikes
907-246-1:	Sandbags
907-247-1:	Temporary Stream Diversion
907-304-12:	Granular Courses
907-401-2:	Hot Mix Asphalt (HMA), W/Supplement
907-403-4:	Hot Mix Asphalt (HMA), W/Supplement
907-407-1:	Tack Coat
907-409-1	Geotextile Fabric For Underseal
907-601-1:	Structural Concrete
907-618-4:	Placement of Temporary Traffic Stripe
907-619-5	Changeable Message Signs
907-626-15:	Thermoplastic Traffic Markings
907-630-3	Contractor Designed Overhead Sign Supports, W/Supplement
907-639-4	Traffic Signal Equipment Poles
907-642-2	Solid State Traffic Actuated Controllers
907-657-4	Fiber Optic Cable
907-658-3	Networking Equipment
907-659-2	Traffic Management Center Modifications
907-701-3:	Hydraulic Cement, W/Supplement
907-703-8:	Aggregate
907-711-4:	Synthetic Structural Fiber Reinforcement
907-713-1:	Admixtures for Concrete
907-714-5:	Miscellaneous Materials, W/Supplement
907-715-3:	Roadside Development Materials
907-720-1:	Pavement Marking Materials
907-804-8:	Concrete Bridges and Structures, W/Supplement
906-3:	MDOT On-the-Job Training Program
906-6:	MDOT On-the-Job Training Program - Alternate Program

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

(REVISIONS TO THE ABOVE WILL BE INDICATED ON THE SECOND SHEET OF SECTION 905 AS ADDENDA)

CODE: (SP)

SECTION 904 - NOTICE TO BIDDERS NO. 2948

**DATE:** 03/12/2010

**SUBJECT:** Contract Time

**PROJECT:** HSIP-0055-02(205) 105657 – Hinds County

The calendar date for completion of work to be performed by the Contractor for this project shall be **November 30, 2010** which date or extended date as provided in Subsection 108.06 shall be the end of contract time. It is anticipated that the Notice of Award will be issued no later than **April 13, 2010** and the effective date of the Notice to Proceed / Beginning of Contract Time will be **May 6, 2010**.

Should the Contractor request a Notice to Proceed earlier than <u>May 6, 2010</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.

A progress schedule as referenced to in Subsection 108.03 will not be required for this contract.

SECTION 904 - NOTICE TO BIDDERS NO. 2949

DATE: 03/12/2010

SUBJECT: Specialty Items

PROJECT: HSIP-0055-02(205) / 105657301 - Hinds County

Pursuant to the provisions of Section 108, the following work items are hereby designated as "Specialty Items" for this contract. Bidders are reminded that these items must be subcontracted in order to be considered as specialty items.

#### CATEGORY: CURBING, SIDEWALKS, GUTTERS

Line No	Pay Item	Description
0440	609-D004	Combination Concrete Curb and Gutter Type 3A Modified

#### CATEGORY: EROSION CONTROL

Line No	Pay Item	Description
0150	211-B001	Topsoil for Slope Treatment, Contractor Furnished
0190	213-C001	Superphosphate
0280	215-A001	Vegetative Materials for Mulch
0290	217-A001	Ditch Liner
0300	219-A001	Watering
0310	220-A001	Insect Pest Control
0320	221-A001	Portland Cement Concrete Paved Ditch
0962	907-225-A001	Grassing
0964	907-225-B001	Agricultural Limestone
0966	907-226-A001	Temporary Grassing

#### CATEGORY: GUARDRAIL, GUIDERAIL

Line No	Pay Item	Description
0410	606-B001	Guard Rail, Class A, Type 1
0420	606-C003	Guard Rail, Cable Anchor, Type 1
0430	606-E001	Guard Rail, Terminal End Section

#### CATEGORY: INTELLIGENT TRANSPORTATION SYSTEMS

Line	Pay Item	Description
No		
1300	907-659-A001	Traffic Management Center Modifications

#### **CATEGORY: LANDSCAPING**

Line No	Pay Item	Description
0330	223-A001	Mowing

## CATEGORY: LIGHTING, ALUMINUM TRUSSED ARM

Line No	Pay Item	Description
0930	686-A001	Relocation of Existing Lighting Assemblies

## CATEGORY: MISCELANEOUS/ SPECIALTY WORK ITEMS

Line No	Pay Item	Description
0370	423-A001	Rumble Strips, Ground In

#### CATEGORY: PAVEMENT STRIPING AND MARKING

Line No	Pay Item	Description
0560	627-K001	Red-Clear Reflective High Performance Raised Markers
0570	627-O001	Yellow-Clear Reflective High Performance Raised Markers
1110	907-626-A004	6" Thermoplastic Traffic Stripe, Skip White
1120	907-626-B003	6" Thermoplastic Traffic Stripe, Continuous White
1130	907-626-E003	6" Thermoplastic Traffic Stripe, Continuous Yellow
1140	907-626-G004	Thermoplastic Detail Stripe, White
1150	907-626-G005	Thermoplastic Detail Stripe, Yellow
1160	907-626-H005	Thermoplastic Legend, White

# CATEGORY: DISPOSAL OF BUILDINGS, RIGHT OF WAY CLEA

Line No	Pay Item	Description
0050	202-B076	Removal of Traffic Stripe
0360	406-A001	Cold Milling of Bituminous Pavement, All Depths

#### CATEGORY: SURVEY AND STAKING

Line No	Pay Item	Description
0940	699-A001	Roadway Construction Stakes

#### CATEGORY: TRAFFIC CONTROL - PERMANENT

Line No	Pay Item	Description
0580	630-A001	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness
0590	630-A002	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness
0600	630-B001	Interstate Directional Signs, Bolted Extruded Aluminum Panels, Ground Mounted
0610	630-B002	Interstate Directional Signs, Bolted Extruded Aluminum Panels, Overhead Mounted
0620	630-C001	Steel U-Section Posts, 2.0 lb/ft
0630	630-D003	Structural Steel Beams, W6 x 9
0640	630-D004	Structural Steel Beams, W6 x 12
0650	630-E001	Structural Steel Angles & Bars, 3" x 3" x 1/4" Angles
0660	630-E002	Structural Steel Angles & Bars, 3 1/2" x 3 1/2" x 1/4" Angles
0670	630-E004	Structural Steel Angles & Bars, 7/16" x 2 1/2" Flat Bar
0680	630-K001	Welded & Seamless Steel Pipe Posts, 3"

## CATEGORY: TRAFFIC CONTROL - PERMANENT

Line No	Pay Item	Description
0690	635-A001	Vehicle Loop Assemblies
0700	636-A001	Shielded Cable, AWG #18, 4 Conductor
0710	638-A005	Loop Detector Amplifier, Card Rack Mounted, 4 Channel
0720	640-A005	Traffic Signal Heads, Type 2A
0730	640-A016	Traffic Signal Heads, Type 1 LED
0740	640-A017	Traffic Signal Heads, Type 2 LED
0750	640-A018	Traffic Signal Heads, Type 3 LED
0760	640-A019	Traffic Signal Heads, Type 5 LED
0770	640-A022	Traffic Signal Heads, Type 7 LED
0780	644-A001	Optical Detector
0790	644-B001	Optical Detector Cable
0800	644-C002	Phase Selector, 4 Channel
0810	646-A001	Removal of Existing Traffic Signal Equipment
0820	647-A005	Pullbox, Type 2
0830	653-B001	Street Name Sign, Encapsulated Lens
0840	666-B015	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 14, 5 Conductor
0850	666-B016	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 14, 7 Conductor
0860	666-B022	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 8, 2 Conductor
0870	668-A016	Traffic Signal Conduit, Underground, Type 4, 1"
0880	668-A018	Traffic Signal Conduit, Underground, Type 4, 2"
0890	668-A020	Traffic Signal Conduit, Underground, Type 4, 3"
0900	668-B024	Traffic Signal Conduit, Underground Drilled or Jacked, Rolled Pipe, 2"
0910	668-B025	Traffic Signal Conduit, Underground Drilled or Jacked, Rolled Pipe, 3"
0920	668-C005	Traffic Signal Conduit, Aerial Supported, Type 1, 2"
1170	907-630-I001	Metal Overhead Sign Supports, Assembly No. 1, Contractor Designed
1180	907-630-PP010	Roadside Directional Signs, Sheet Aluminum, 0.125" Thickness, Ground Mounted
1190	907-639-A002	Traffic Signal Equipment Pole, Type II, 17' Shaft, 50' Arm
1200	907-639-A012	Traffic Signal Equipment Pole, Type II, 17' Shaft, 45' Arm
1210	907-639-A013	Traffic Signal Equipment Pole, Type III, 17' Shaft, 50' & 50' Arms
1220	907-639-A072	Traffic Signal Equipment Pole, Type III, 17' Shaft, 50' & 80' Arms
1230	907-639-A073	Traffic Signal Equipment Pole, Type III, 17' Shaft, 60' & 65' Arms
1240	907-639-C002	Pole Foundations, 36" Diameter
1250	907-639-C004	Pole Foundations, 30" Diameter
1260	907-642-A003	Solid State Traffic Actuated Controllers, Type 8A
1270	907-642-A004	Solid State Traffic Actuated Controller Modification, Type 8A
1280	907-657-B001	Fiber Optic Drop Cable, 12 SM
1290	907-658-A001	Hardened Network Switch, Type A

## CATEGORY: TRAFFIC CONTROL - TEMPORARY

Line No	Pay Item	Description
0460	619-A1001	Temporary Traffic Stripe, Continuous White
0470	619-A2001	Temporary Traffic Stripe, Continuous Yellow
0480	619-A3001	Temporary Traffic Stripe, Skip White
0490	619-A5001	Temporary Traffic Stripe, Detail

# CATEGORY: TRAFFIC CONTROL - TEMPORARY

Line No	Pay Item	Description
0500	619-A6001	Temporary Traffic Stripe, Legend
0510	619-D1001	Standard Roadside Construction Signs, Less than 10 Square Feet
0520	619-D2001	Standard Roadside Construction Signs, 10 Square Feet or More
0530	619-F1001	Concrete Median Barrier, Precast
0540	619-G7001	Warning Lights, Type "B"
1100	907-619-E3001	Changeable Message Sign

Section 905 Proposal (Sheet 2 - 1)

Construction necessary to make interchange improvements at the I-55/Byram Interchange, known as Federal Aid Project No. HSIP-0055-02(205) / 105657301, in the County of Hinds, 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	Item Code	Adj	Quantity	Units	Description	Unit Price	e	Item Amo	unt
No.		Code				Dollar	Ct	Dollar	Ct
					Roadway Items				
0010	202-B004		2,043	Square Yard	Removal of Asphalt Paved Shoulders, All Depths				
0020	202-B017		353	Linear Feet	Removal of Concrete Combination Curb & Gutter				
0030	202-B025		578	Square Yard	Removal of Concrete Paved Ditch				
0040	202-B070		6	Each	Removal of Sign Including Post & Footing				
0050	202-B076		7,300	Linear Feet	Removal of Traffic Stripe				
0060	202-B078		1,857	Square Yard	Removal of Pavement, All Types and Depths				
0070	202-B088		1	Each	Removal of Box Culvert Headwall, All Sizes				
0080	202-B106		64	Linear Feet	Removal of Pipe, All Sizes				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amour	nt
0090	202-B113		1	Each	Removal of Box Culvert Wingwall, All Sizes				
0100	203-A004	(E)	2,983	Cubic Yard	Unclassified Excavation, LVM, AH				
0110	203-EX040	(E)	2,879	Cubic Yard	Borrow Excavation, AH, LVM, Class B9-6				
0120	206-A001	(S)	80	Cubic Yard	Structure Excavation				
0130	206-B001	(E)	13	Cubic Yard	Select Material for Undercuts, Contractor Furnished, FM				
0140	209-A004		7,589	Square Yard	Geotextile Stabilization, Type V, Non-Woven				
0150	211-B001	(E)	1,235	Cubic Yard	Topsoil for Slope Treatment, Contractor Furnished				
0160 Delete	212-A001 ed 03/12/2010					xxxxxxxx	XXX	XXXXXXXX	XXX
0170 Delete	212-B001 ed 03/12/2010					xxxxxxxx	XXX	xxxxxxxx	XXX
0180 Delete	213-B001 ed 03/12/2010					xxxxxxxx	XXX	XXXXXXX	XXX
0190	213-C001		1	Ton	Superphosphate				
0200 Delete	214-A001 ed 03/12/2010					xxxxxxx	XXX	xxxxxxxx	XXX

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price	:	Bid Amour	nt
0210 Delete	214-A002 ed 03/12/2010					XXXXXXXX	XXX	XXXXXXXX	XXX
0220 Delete	214-A003 ed 03/12/2010					XXXXXXXX	XXX	XXXXXXXX	XXX
0230 Delete	214-A004 ed 03/12/2010					XXXXXXXX	XXX	XXXXXXXX	XXX
0240 Delete	214-A005 ed 03/12/2010					XXXXXXXX	XXX	XXXXXXXX	XXX
0250 Delete	214-A014 ed 03/12/2010					XXXXXXXX	XXX	XXXXXXXX	XXX
0260 Delete	214-A015 ed 03/12/2010					XXXXXXXX	XXX	XXXXXXXX	XXX
0270 Delete	214-A017 ed 03/12/2010					XXXXXXXX	XXX	XXXXXXXX	XXX
0280	215-A001		5	Ton	Vegetative Materials for Mulch				
0290	217-A001		587	Square Yard	Ditch Liner				
0300	219-A001		220	Thousand Gallon	Watering	20.	00	4,400.	00
0310	220-A001		1	Acre	Insect Pest Control	30.	00	30.	00
0320	221-A001	(S)	80	Cubic Yard	Portland Cement Concrete Paved Ditch				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amour	nt
0330	223-A001		1	Acre	Mowing	40.	00	40.	00
0340	234-A001		4,273	Linear Feet	Temporary Silt Fence				
0350	235-A001		156	Bale	Temporary Erosion Checks				
0360	406-A001		244	Square Yard	Cold Milling of Bituminous Pavement, All Depths				
0370	423-A001		1	Mile	Rumble Strips, Ground In				
0380	503-C007		2,908	Linear Feet	Saw Cut, Full Depth				
0390	602-A001	(S)	2,184	Pounds	Reinforcing Steel				
0400	604-A001		79	Pounds	Castings				
0410	606-B001		100	Linear Feet	Guard Rail, Class A, Type 1				
0420	606-C003		1	Each	Guard Rail, Cable Anchor, Type 1				
0430	606-E001		1	Each	Guard Rail, Terminal End Section				
0440	609-D004	(S)	334	Linear Feet	Combination Concrete Curb and Gutter Type 3A Modified				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount
0450	618-A001		1	Lump Sum	Maintenance of Traffic	XXXXXXXX	XXX	
0460	619-A1001		6,419	Linear Feet	Temporary Traffic Stripe, Continuous White			
0470	619-A2001		2,505	Linear Feet	Temporary Traffic Stripe, Continuous Yellow			
0480	619-A3001		215	Linear Feet	Temporary Traffic Stripe, Skip White			
0490	619-A5001		275	Linear Feet	Temporary Traffic Stripe, Detail			
0500	619-A6001		94	Linear Feet	Temporary Traffic Stripe, Legend			
0510	619-D1001		65	Square Feet	Standard Roadside Construction Signs, Less than 10 Square Feet			
0520	619-D2001		560	Square Feet	Standard Roadside Construction Signs, 10 Square Feet or More			
0530	619-F1001		4,360	Linear Feet	Concrete Median Barrier, Precast			
0540	619-G7001		6	Each	Warning Lights, Type "B"			
0550	620-A001		1	Lump Sum	Mobilization	xxxxxxx	XXX	
0560	627-K001		244	Each	Red-Clear Reflective High Performance Raised Markers			

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price	Bid Amount
0570	627-O001		44	Each	Yellow-Clear Reflective High Performance Raised Markers		
0580	630-A001		5	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness		
0590	630-A002		12	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness		
0600	630-B001		520	Square Feet	Interstate Directional Signs, Bolted Extruded Aluminum Panels, Ground Mounted		
0610	630-B002		143	Square Feet	Interstate Directional Signs, Bolted Extruded Aluminum Panels, Overhead Mounted		
0620	630-C001		20	Linear Feet	Steel U-Section Posts, 2.0 lb/ft		
0630	630-D003		180	Linear Feet	Structural Steel Beams, W6 x 9		
0640	630-D004		42	Linear Feet	Structural Steel Beams, W6 x 12		
0650	630-E001		129	Pounds	Structural Steel Angles & Bars, 3" x 3" x 1/4" Angles		
0660	630-E002		111	Pounds	Structural Steel Angles & Bars, 3 1/2" x 3 1/2" x 1/4" Angles		
0670	630-E004		10	Pounds	Structural Steel Angles & Bars, 7/16" x 2 1/2" Flat Bar		
0680	630-K001		42	Linear Feet	Welded & Seamless Steel Pipe Posts, 3"		

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price	Bid Amount
0690	635-A001		1,440	Linear Feet	Vehicle Loop Assemblies		
0700	636-A001		4,600	Linear Feet	Shielded Cable, AWG #18, 4 Conductor		
0710	638-A005		5	Each	Loop Detector Amplifier, Card Rack Mounted, 4 Channel		
0720	640-A005		2	Each	Traffic Signal Heads, Type 2A		
0730 Chang	640-A016 ged 03/12/2010		13	Each	Traffic Signal Heads, Type 1 LED		
0740	640-A017		1	Each	Traffic Signal Heads, Type 2 LED		
0750	640-A018		3	Each	Traffic Signal Heads, Type 3 LED		
0760	640-A019		1	Each	Traffic Signal Heads, Type 5 LED		
0770 Chang	640-A022 ged 03/12/2010		6	Each	Traffic Signal Heads, Type 7 LED		
0780	644-A001		5	Each	Optical Detector		
0790	644-B001		965	Linear Feet	Optical Detector Cable		
0800	644-C002		2	Each	Phase Selector, 4 Channel		

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
0810	646-A001		1	Lump Sum	Removal of Existing Traffic Signal Equipment	XXXXXXXX	XXX		
0820	647-A005		14	Each	Pullbox, Type 2				
0830	653-B001		81	Square Feet	Street Name Sign, Encapsulated Lens				
0840	666-B015		145	Linear Feet	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 14, 5 Conductor				
0850	666-B016		2,000	Linear Feet	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 14, 7 Conductor				
0860	666-B022		310	Linear Feet	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 8, 2 Conductor				
0870	668-A016		130	Linear Feet	Traffic Signal Conduit, Underground, Type 4, 1"				
0880	668-A018		2,700	Linear Feet	Traffic Signal Conduit, Underground, Type 4, 2"				
0890	668-A020		65	Linear Feet	Traffic Signal Conduit, Underground, Type 4, 3"				
0900	668-B024		1,455	Linear Feet	Traffic Signal Conduit, Underground Drilled or Jacked, Rolled Pipe, 2"				
0910	668-B025		535	Linear Feet	Traffic Signal Conduit, Underground Drilled or Jacked, Rolled Pipe, 3"				
0920	668-C005		1	Linear Feet	Traffic Signal Conduit, Aerial Supported, Type 1, 2"				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amour	ıt
0930	686-A001		3	Each	Relocation of Existing Lighting Assemblies				
0940	699-A001		1	Lump Sum	Roadway Construction Stakes	xxxxxxxx	XXX		
0950 Chang	815-A006 ged 03/12/2010	(S)	122	Ton	Loose Riprap, Size 100				
0960 Delete	907-213-A001 ed 03/12/2010					xxxxxxxx	XXX	XXXXXXXX	XXX
0962 Added	907-225-A001 1 03/12/2010		3	Acre	Grassing				
0964 Added	907-225-B001 1 03/12/2010		7	Ton	Agricultural Limestone				
0966 Added	907-226-A001 1 03/12/2010		3	Acre	Temporary Grassing				
0970	907-237-A003		140	Linear Feet	Wattles, 20"				
0980	907-245-A001		120	Linear Feet	Triangular Silt Dike				
0990	907-246-A001		120	Linear Feet	Sandbags				
1000	907-247-A001		1	Each	Temporary Stream Diversion				
1010	907-304-A001	(GY)	1,410	Cubic Yard	Granular Material, LVM, Class 5, Group C				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price	Bid Amount
1020	907-304-H002	(GY)	1,897	Cubic Yard	3/4" and Down Crushed Stone Base, LVM		
1030	907-403-A001	(BA1)	918	Ton	Hot Mix Asphalt, HT, 12.5-mm mixture		
1040	907-403-A002	(BA1)	1,688	Ton	Hot Mix Asphalt, HT, 19-mm mixture		
1050	907-403-A011	(BA1)	243	Ton	Hot Mix Asphalt, ST, 12.5-mm mixture		
1060	907-403-A012	(BA1)	1,957	Ton	Hot Mix Asphalt, ST, 19-mm mixture		
1070	907-403-B001	(BA1)	12	Ton	Hot Mix Asphalt, HT, 12.5-mm mixture, Leveling		
1080	907-409-A001		1,424	Square Yard	Geotextile Fabric For Underseal		
1090	907-601-A001	(S)	25	Cubic Yard	Class "B" Structural Concrete		
1100	907-619-E3001		1	Each	Changeable Message Sign		
1110	907-626-A004		8,066	Linear Feet	6" Thermoplastic Traffic Stripe, Skip White		
1120	907-626-B003		5,114	Linear Feet	6" Thermoplastic Traffic Stripe, Continuous White		
1130	907-626-E003		3,325	Linear Feet	6" Thermoplastic Traffic Stripe, Continuous Yellow		

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	t
1140	907-626-G004		1,384	Linear Feet	Thermoplastic Detail Stripe, White				
1150	907-626-G005	i	605	Linear Feet	Thermoplastic Detail Stripe, Yellow				
1160	907-626-H005	i	362	Square Feet	Thermoplastic Legend, White				
1170	907-630-I001		1	Lump Sum	Metal Overhead Sign Supports, Assembly No. 1, Contractor Designed	XXXXXXXX	XXX		
1180	907-630-PP01	0	18	Square Feet	Roadside Directional Signs, Sheet Aluminum, 0.125" Thickness, Ground Mounted				
1190	907-639-A002		1	Each	Traffic Signal Equipment Pole, Type II, 17' Shaft, 50' Arm				
1200	907-639-A012	,	1	Each	Traffic Signal Equipment Pole, Type II, 17' Shaft, 45' Arm				
1210	907-639-A013	1	1	Each	Traffic Signal Equipment Pole, Type III, 17' Shaft, 50' & 50' Arms				
1220	907-639-A072	,	1	Each	Traffic Signal Equipment Pole, Type III, 17' Shaft, 50' & 80' Arms				
1230	907-639-A073	<b>,</b>	1	Each	Traffic Signal Equipment Pole, Type III, 17' Shaft, 60' & 65' Arms				
1240	907-639-C002	,	10	Cubic Yard	Pole Foundations, 36" Diameter				
1250	907-639-C004		4	Cubic Yard	Pole Foundations, 30" Diameter				

# Section 905 Proposal (Sheet 2 - 12)

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amoun	t
1260	907-642-A003		1	Each	Solid State Traffic Actuated Controllers, Type 8A				
1270	907-642-A004		2	Each	Solid State Traffic Actuated Controller Modification, Type 8A				
1280	907-657-B001		2,650	Linear Feet	Fiber Optic Drop Cable, 12 SM				
1290	907-658-A001		1	Each	Hardened Network Switch, Type A				
1300	907-659-A001		1	Lump Sum	Traffic Management Center Modifications	XXXXXXX	XXX		

# \*\*\* BID CERTIFICATION \*\*\*

TOTAL BID	\$
Complete item nos 1 2 and/or 2 as annuani	*** DBE/WBE SECTION *** iate. See Notice to Bidders addressing Disadvantaged Business Enterprises in Highway Construction.
Complete item ilos. 1, 2, and/or 5 as appropri	tate. See Notice to Bidders addressing Disadvantaged Business Enterprises in Fighway Construction.
I/We agree that no less thaneconomically disadvantaged individuals	percent shall be expended with small business concerns owned and controlled by socially and (DBE and WBE).
2. Classification of Bidder: Small Business	s (DBE) Small Business (WBE)
3. A joint venture with a Small Business (E	DBE/WBE):
	*** SIGNATURE STATEMENT ***
R ACKNOWLEDGES THAT HE/SHE HAS CHE IN CONSTITUTE THEIR OFFICIAL BID.	ECKED ALL ITEMS IN THIS PROPOSAL FOR ACCURACY AND CERTIFIED THAT THE FIGURES
_	BIDDER'S SIGNATURE
_	
	BIDDER'S COMPANY
_	BIDDER'S FEDERAL TAX ID NUMBER

CODE: (SP)

**SECTION 904 - NOTICE TO BIDDERS NO. 2976** 

**DATE:** 02/23/2010

**SUBJECT: Additional Erosion Control Requirements** 

Bidders are hereby advised of the following requirements that relate to erosion control activities on the project.

THE MAXIMUM TOTAL ACREAGE THAT CAN BE DISTURBED, AT ONE TIME, ON THE PROJECT IS NINETEEN (19) ACRES. THE CONTRACTOR SHALL BE REQUIRED TO STABILIZE DISTURBED AREAS PRIOR TO OPENING UP ADDITIONAL SECTIONS OF THE PROJECT. STABILIZED SHALL BE WHEN THE DISTURBED AREA HAS BEEN GRASSED, EITHER TEMPORARY OR PERMANENT, AND MULCHED ACCORDING TO THE SPECIFICATIONS. DISTURBED AREAS INCLUDE THE ROADBED, SLOPES AND REMAINING AREA OUT TO THE ROW LINE.

Clearing and Grubbing: Prior to beginning any clearing and grubbing operations on the project, controls shall be in place to address areas such as drainage structures, wetlands, streams, steep slopes and any other sensitive areas as directed by the Engineer. Clearing and grubbing should be limited to the minimum area necessary to construct the project. Grubbing operations should be minimized in areas outside the construction limits and stumps should be cut off flush with the existing ground elevations. A buffer area of at least fifteen (15) feet shall be in place adjacent to the right-of-way line and at least five (5) feet adjacent to stream banks. The buffer area can either be the existing vegetation that is left undisturbed or re-established by planting new vegetation if clearing and grubbing was required.

<u>Unclassified Excavation</u>: Cut sections shall be graded in accordance with the typical sections and plan grades. Permanent erosion control BMP's should be placed as soon as possible after the cut material has been moved. Fill sections that are completed shall have permanent erosion control BMP's placed. Fill sections that are not completed will be either permanently or temporarily grassed until additional material is made available to complete these sections. All unclassified excavation on the project will still be required to be moved prior to incorporating any borrow excavation on the project. The contractor may have to stockpile unclassified excavation in order to comply with the nineteen (19) acre requirement. No additional compensation will be made for stockpiling operations.

Disturbed areas that remain inactive for a period of more than thirty (30) days shall be temporary grassed and mulched. Temporary grassing and mulching shall only be paid one time for a given area.

CODE: (SP)

## SECTION 904 - NOTICE TO BIDDERS NO. 2985

**DATE:** 03/03/2010

**SUBJECT: Application Rate for Mulch** 

Bidders are advised that the application rate for mulch used for temporary grassing on this project will be **2 tons per acre**. If the vegetation schedule in the plans show something other than 2 tons per acre, the Contractor is to disregard the vegetation table and use 2 tons per acre.

CODE: (SP)

SPECIAL PROVISION NO. 907-225-2

**DATE:** 03/02/2010

**SUBJECT:** Grassing

Section 907-225, Grassing, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows:

<u>907-225.01--Description</u>. Delete the last sentence of the first paragraph of Subsection 225.01 on page 158 and substitute the following.

This work includes ground preparation, fertilizing, and seeding necessary to establish a satisfactory growth of grass.

Delete the last paragraph of Subsection 225.01 on page 159.

<u>907-225.02--Materials.</u> Delete Subsection 225.02.3 on page 159 and substitute the following.

907-225.02.3--Blank.

907-225.03--Construction Requirements. Delete Subsection 225.03.4 on pages 162 and 163.

**907-225.04--Method of Measurement.** After the second sentence of Subsection 225.04 on page 163, add the following:

Acceptable quantities of agricultural limestone will be measured by the ton.

<u>907-225.05--Basis of Payment.</u> After the first paragraph of Subsection 225.05 on page 163, add the following:

Hard rock agricultural limestone will be paid for at the contract unit price per ton. Hard rock agricultural limestone with a relative neutralizing value (RNV), determined in accordance with Subsection 907-715-02.2.1.3, of between 60.0% and 62.9% will be paid for at half (½) the contract unit price per ton. No payment will be made for hard rock agricultural limestone with an RNV less than 60.0%.

Delete the first pay item listed on page 163 and substitute the following:

907-225-A: Grassing - per acre

907-225-B: Agricultural Limestone - per ton

CODE: (IS)

## SPECIAL PROVISION NO. 907-226-1

**DATE:** 06/23/2004

**SUBJECT:** Temporary Grassing

Section 907-226, Temporary Grassing, is hereby added to and made part of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction as follows:

# **SECTION 907-226 -- TEMPORARY GRASSING**

<u>907-226.0l--Description.</u> This work consists of furnishing, transporting, placing, plant establishment and all work necessary to produce rapid-growing grasses, grains or legumes to provide an initial, temporary cover of grass. This work includes ground preparation, fertilizing, seeding and mulching necessary to establish a satisfactory growth of temporary grass.

The Engineer or the plans will designate areas to be temporarily grassed. Any other areas the Contractor desires to grass will be measured for payment on if agreed upon by the Engineer.

# 907-226.02--Materials.

<u>907-226.02.1--Fertilizers</u>. Fertilizers for purposes of these specifications shall be understood to include standard manufactured products consisting of single or combination ingredients and agricultural limestone.

All fertilizer shall comply with the State fertilizer laws and the requirements of these specifications.

Fertilizers shall meet the requirements of Subsection 715.02.

<u>907-226.02.2--Seeds</u>. Seeds shall meet the requirements of Subsection 715.03, subject to the provisions of this subsection. The Contractor shall acquire seed from persons registered with the Mississippi Department of Agriculture and Commerce.

Except for the germination requirements, bags of seeds properly labeled or tagged according to law and indicating characteristics meeting or exceeding the requirements of Subsection 715.03 will be acceptable for planting.

The Contractor should provide adequate dry storage facilities for seeds, and shall furnish access to the storage for sampling stored seed.

**907-226.02.3--Mulching.** The vegetative materials for mulch shall meet the requirements of Subsection 715.05.

When used, bituminous material for mulch shall be Emulsified Asphalt, Grade SS-1, meeting the requirement of Subsection 702.07.

<u>907-226.03--Construction Requirements.</u> When the payment for temporary grassing is made using individual pay items, the rate of application shall not exceed the rate shown on the temporary vegetation schedule, unless otherwise approved by the Engineer. Any unauthorized overage due to increased application rates will not be measured for payment.

# **907-226.03.1--Ground Preparation.**

<u>907-226.03.1.1--General.</u> Any equipment used for ground preparation shall be approved units suitable to perform the work and subject to the requirements of Subsection 108.05.

Light ground preparation should be used on areas where seeding is required to improve the coverage of partially vegetated areas.

<u>907-226.03.1.2--Light Ground Preparation</u>. Light ground preparation consists of scratching the surface with a close-tooth harrow, disk-harrow, or similar equipment. The depth of scratching should be at least three-quarters inch but not deep enough to damage existing grasses of the type being planted.

Aerating, moistening, or otherwise bringing the soil to a suitable condition for ground preparation shall be considered as incidental to the work and will not be measured for separate payment.

<u>907-226.03.2--Fertilizing.</u> The Contractor shall furnish all equipment necessary to properly handle, store, uniformly spread, and incorporate the specified application of fertilizer.

The Contractor shall incorporate fertilizer at a rate of 500 pounds per acre of 13-13-13 commercial fertilizer. The equivalent rate of other type fertilizers will be allowed if the equivalent percentages of Nitrogen, Phosphorus and Potassium are obtained. Fertilization shall be applied uniformly on the areas to be planted or seeded and uniformly incorporated into the soil.

Fertilizers should be applied on individual areas of not more than three acres.

All fertilizer should be incorporated within 24 hours following spreading.

# 907-226.03.3--Seeding.

<u>907-226.03.3.1--General.</u> Prior to planting the seeds, ground preparation and fertilizing should have been satisfactorily performed.

The required type of seeds, recommended rates of application and recommended planting dates of seeds are shown in the vegetation schedule on the plans. It is the Contractor's responsibility to apply an ample amount of each type of seed to produce a satisfactory growth of grass and of the seed type required.

Legume seeds should be treated in accordance with Subsection 715.03.4 immediately before sowing. Seeds should be uniformly sown over the entire area with mechanical seeders. Seeds of different sizes may necessitate separate sowing. When legume seeds become dry, they should be reinoculated.

Seeding should not be done during windy weather or when the ground is frozen, extremely wet, or in an untillable condition.

All seeds should be covered lightly with soil by raking, rolling, or other approved methods, and the area compacted with a cultipacker.

<u>907-226.03.3.2--Plant Establishment</u>. Plant establishment shall consist of preserving, protecting, watering, reseeding, and other work necessary to keep the seeded areas in satisfactory condition.

Areas requiring reseeding should be prepared and seeded and all other work performed as if the reseeding was the initial seeding. The types and application rates of fertilizer will be at the discretion of the Contractor.

<u>907-226.03.3.3--Growth and Coverage.</u> It shall be the Contractor's responsibility to provide satisfactory growth and coverage of grasses, legumes, or combination produced from the specified seeding.

Growth and coverage on seeded areas will be considered to be in reasonably close conformity with the intent of the contract when the type of vegetation specified, exclusive of that from seeds not expected to have germinated and shows growth at that time, has reached a point of maturity where stems or runners overlap adjacent similar growth in each direction over the entire area.

## 907-226.03.4--Mulching.

<u>907-226.03.4.1--Equipment.</u> Mulching equipment should be capable of maintaining a constant air stream which will blow or eject controlled quantities of mulch in a uniform pattern. If asphalt is used, a jet or spray nozzle for applying uniform, controlled amounts of asphalt to the vegetative material as it is ejected should be located at or near the discharge spout.

Mulch stabilizers should consist of dull blades or disks without camber and approximately 20 inches in diameter. The disks should be notched, should be spaced at approximately 8-inch intervals, and should be equipped with scrapers. The stabilizer should weigh approximately 1000 to 1200 pounds, should have a working width of no more than eight feet, and should be equipped with a ballast compartment, so that weight can be increased.

907-226.03.4.2--Placement of Vegetative Mulch. If required, mulching should be placed uniformly on designated areas within 24 hours following seeding unless weather conditions are such that mulching cannot be performed. Placement should begin on the windward side of areas and from tops of slopes. In its final position, the mulch should be loose enough to allow air to circulate but compact enough to partially shade the ground and reduce erosion.

-4-

The baled material should be loosened and broken thoroughly before it is fed into the machine to avoid placement of unbroken clumps.

907-226.03.4.3--Rates of Application and Anchoring Mulch. The recommended rate of application of vegetative mulch shall be as shown in the vegetation schedule in the plans. The mulch should be anchored by either the use of a mulch stabilizer or by tacking with bituminous material. If a mulch stabilizer is used, the mulch should be punched into the soil for a minimum depth of one inch. If bituminous material is used, the rate of application should be 150 gallons per acre.

Where steep slopes or other conditions are such that anchoring cannot be performed satisfactory with a mulch stabilizer, the Contractor may elect to use bituminous material applied at the time or immediately following the mulch placement.

When mulch stabilizers are used, anchoring the mulch should be performed along the contour of the ground surface.

907-226.03.4.4--Protection and Maintenance. The Contractor should take every precaution to prevent unnecessary foot and vehicular traffic.

907-226.04--Method of Measurement. When a pay item for temporary grassing is included in the plans, temporary grassing will be measured by the acre. Acceptance will be based on a satisfactory growth and coverage of seeds planted. When a pay item for temporary grassing is not included in the plans, temporary grassing shall be measured for payment using the appropriate pay items in the contract.

907-226.05-Basis of Payment. When a pay item for temporary grassing is included in the plans, temporary grassing, measured as prescribed above, will be paid for at the contract unit price per acre, which will be full compensation for all required materials, equipment, labor, testing and all work necessary to establish a satisfactory growth of grass.

Payment will be made under:

907-226-A: Temporary Grassing