

**SECTION 905 -- PROPOSAL (CONTINUED)**

I (We) further propose to execute the attached contract agreement (Section 902) as soon as the work is awarded to me (us), and to begin and complete the work within the time limit(s) provided for in the Specifications and Advertisement. I (We) also propose to execute the attached contract bond (Section 903) in an amount not less than one hundred (100) percent of the total of my (our) part, but also to guarantee the excellence of both workmanship and materials until the work is finally accepted.

I (We) enclose a certified check, cashier's check or bid bond for **five percent (5%) of total bid** and hereby agree that in case of my (our) failure to execute the contract and furnish bond within Ten (10) days after notice of award, the amount of this check (bid bond) will be forfeited to the State of Mississippi as liquidated damages arising out of my (our) failure to execute the contract as proposed. It is understood that in case I am (we are) not awarded the work, the check will be returned as provided in the Specifications.

Bidder acknowledges receipt of and has added to and made a part of the proposal and contract documents the following addendum (addenda):

ADDENDUM NO.   1   DATED   9/6/2012   ADDENDUM NO.            DATED             
 ADDENDUM NO.            DATED            ADDENDUM NO.            DATED           

Number	Description
1	Revised Table of Contents, replace same; Revised Advertisement, replaces same; Add NTB Nos. 4077 & 4085; Revised Bid Items, replace same; Revised or Added Plan Sheet Nos. 2, 4, 6, 12, 33, 495-498; 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.

HSIP-0040-01(021) / 101635301

Monroe County(ies)

Revised 09/21/2005

# MISSISSIPPI DEPARTMENT OF TRANSPORTATION

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COMBINATION BID PROPOSAL

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CERTIFICATION REGARDING NON-COLLUSION, DEBARMENT AND SUSPENSION

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PILE DRIVING FORM

FORM -- OCR-485

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

# MISSISSIPPI DEPARTMENT OF TRANSPORTATION

## SECTION 901 - ADVERTISEMENT

Sealed bids will be received by the Mississippi Transportation Commission in the Office of the Contract Administration Engineer, Room 1013, Mississippi Department of Transportation Administration Building, 401 North West Street, Jackson, Mississippi, until 10:00 o'clock A.M., Tuesday, September 25, 2012, and shortly thereafter publicly opened on the Sixth Floor for:

Grade, Drain, Bridge & Incidental Paving approximately 6 miles on SR 25 South of Becker to Existing US 278, known as Federal Aid Project No. HSIP-0040-01(021) / 101635301 in Monroe County.

The attention of bidders is directed to the Contract Provisions governing selection and employment of labor. Minimum wage rates have been predetermined by the Secretary of Labor and are subject to Public Law 87-58 1, Work Hours Act of 1962, as set forth in the Contract Provisions.

The Mississippi Department of Transportation hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, sex, age, disability, religion or national origin in consideration for an award.

**The award of this contract will be contingent upon the Contractor satisfying the DBE requirements.**

Bid proposals must be acquired from the MDOT Contract Administration Division. These proposals are available at a cost of Ten Dollars (\$10.00) per proposal. Specimen proposals are also available at the MDOT Contract Administration Division at a cost of Ten Dollars (\$10.00) per proposal, or can be viewed or downloaded at no cost at [www.gomdot.com](http://www.gomdot.com).

Plans may be acquired on a cost per sheet basis from MDOT Plans Print Shop, MDOT Shop Complex, Building C, Room 114, 2567 North West Street, Jackson, Mississippi 39216, Telephone (601) 359-7460 or e-mail at [plans@mdot.state.ms.us](mailto:plans@mdot.state.ms.us) or FAX (601) 359-7461. Plans will be shipped upon receipt of payment.

Bid bond, signed or countersigned by a Mississippi Agent or Qualified Nonresident Agent, with Power of Attorney attached, a Cashier's check or Certified Check for five (5%) percent of bid, payable to STATE OF MISSISSIPPI, must accompany each proposal.

The attention of bidders is directed to the provisions of Subsection 102.07 pertaining to irregular proposals and rejection of bids.

MELINDA L. MCGRATH  
EXECUTIVE DIRECTOR

(FAPWP)

## MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 4077

CODE: (SP)

DATE: 08/28/2012

SUBJECT: Stay-In-Place Metal Forms

Bidders are advised that any reference in the plans or contract documents to the “**NON-USE**” of Stay-In-Place metal forms shall be disregarded. The Contractor will be allowed to use Stay-In-Place metal forms if they meet the following requirements.

**General.** Stay-in-place (SIP) metal forms are corrugated metal sheets permanently installed between the supporting superstructure members. After the concrete has cured, these forms shall remain in place as permanent, non-structural members of the bridge.

Pay quantities for bridge deck concrete will be computed from the dimensions shown in the Contract Plans with no allowance for changes in deflection and /or changes in dimensions necessary to accommodate the SIP metal forms.

There will be no direct payment for the cost of the forms and form supports, or any material, tools, equipment, or labor incidental thereto, but the cost shall be considered absorbed in the contract unit price for bridge deck concrete.

Before fabricating any material, three (3) complete sets of SIP metal form shop drawings and design calculations, bearing the Design Engineer’s Seal, shall be submitted to the Director of Structures, State Bridge Engineer, through the Project Engineer, for review. The Contractor’s SIP metal form Design Engineer shall be a MS Registered Professional Engineer who is knowledgeable in the field of structural design.

In no case shall additional dead load produced by the use of SIP metal forms overstress any bridge component. Design calculations shall indicate any additional dead load from SIP metal form self-weight, form support hangers, concrete in flutes, concrete due to form deflection, etc. not included in the Contract Plans. The additional dead loads shall be clearly labeled and tabulated on the shop drawings. Bridge Division will evaluate the additional load for overstress of the bridge components. In the event that the additional dead load produces an overstress in any bridge component, Bridge Division will reject the Contractor’s design. Deflection and loads produced by deflection of the SIP metal forms shall be considered and indicated in the design calculations.

The cambers and deflections provided in the Contract Plans do not consider the effects of SIP metal forms. The Contractor’s Engineer shall take into account the weight of the forms and any additional dead load when developing the “Bridge Superstructure Construction Plan”.

For the purpose of reducing any additional dead load produced by the SIP metal forms, the flutes of SIP metal forms may be filled with polystyrene foam. When polystyrene foam is used to fill

the forms, the form flutes shall be filled completely; no portion of the polystyrene foam shall extend beyond the limits of the flutes. The Contractor shall ensure that the polystyrene foam remains in its required position within flutes during the entire concrete placement process. The Contractor shall not use reinforcing steel supports or other accessories in such a manner as to cause damage to the polystyrene foam. All damaged polystyrene foam shall be replaced to the satisfaction of the Project Engineer. All welding of formwork shall be completed prior to placement of polystyrene foam.

For bridges not located in horizontal curves, the Contractor may reduce the additional dead load by matching the flute spacing with the transverse steel spacing of the bottom layer. The bottom longitudinal layer of steel shall have one (1) inch of minimum concrete cover measured from the bottom of the reinforcing to the top of the flute. The Contractor will not be allowed to vary the reinforcing steel spacing or size from the Contract Plans for the purpose of matching flute spacing.

**Materials.** SIP metal forms and supports shall meet the requirements of ASTM Designation: A653 having a coating designation G165. Form materials that are less than 0.03-inch uncoated thickness shall not be allowed.

**Certification.** The Contractor shall provide written certification from the manufacturer stating the product meets the requirements of this specification to the Project Engineer along with the delivery of the coated forms to the job site.

**Polystyrene Foam.** The polystyrene foam shall be comprised of expanded polystyrene manufactured from virgin resin of sufficient density to support the weight of concrete without deformation. The polystyrene foam shall be extruded to match the geometry of the flutes and provide a snug fit. The polystyrene foam shall have a density of not less than 0.8 pounds per cubic foot. The polystyrene foam shall have water absorption of less than 2.6% when tested according to ASTM Designation: C272. The Contractor shall provide written certification from the manufacturer stating the polystyrene foam product meets the requirements of this specification to the Project Engineer along with the delivery of the coated forms to the job site.

**Design.** The design of the SIP metal forms shall meet the following criteria.

1. The maximum self-weight of the stay in place metal forms, plus the weight of the concrete or expanded polystyrene required to fill the form flutes (where used), shall not exceed 20 pounds per square foot.
2. The forms shall be designed on the basis of dead load of form, reinforcement, and plastic concrete plus 50 pounds per square foot for construction loads. The design shall use a unit working stress in the steel sheet of not more than 0.725 of the specified minimum yield strength of the material furnished, but not to exceed 36,000 pounds per square foot.
3. Deflection under the weight of the forms, reinforcement, and plastic concrete shall not exceed 1/180 of the form span or 1/2 inch, whichever is less, for form spans of 10 feet or

less, or 1/240 of the form span or 3/4 inch, whichever is less, for form spans greater than 10 feet.

4. The design span of the form shall equal the clear span of the form plus two (2) inches. The span shall be measure parallel to the form flutes.
5. Physical design properties shall be computed in accordance with requirements of the AISI Specifications for the Design of Cold Formed Steel Structural Members, latest published edition.
6. The design concrete cover required by the plans shall be maintained for all reinforcement.
7. The plan dimensions of both layers of primary deck reinforcement from the top surface of the concrete deck shall be maintained.
8. The SIP metal form shall not be considered as lateral bracing for compression flanges of supporting structural members.
9. SIP metal forms shall not be used under closure pours or in bays where longitudinal slab construction joints are located. SIP metal forms shall not be used under cantilevered slabs such as the overhang outside of fascia members.
10. Forms shall be secured to the supporting members by means other than welding directly to the member. Welding to the top flanges of steel stringers and/or girders shall not be allowed. Alternate installation procedures shall be submitted addressing this condition.

**Construction.** SIP metal form sheets shall not rest directly on the top of the stringer of floor beam flanges. Sheets shall be fastened securely to form supports, and maintain a minimum bearing length of one (1) inch at each end for metal forms. Form supports shall be placed in direct contact with the flange of the stringer or floor beam. All attachments for coated metal forms shall be made by bolts, clips, screws, or other approved means.

**Form Galvanizing Repairs.** Where forms or their installation are unsatisfactory in the opinion of the Project Engineer, either before or during placement of the concrete, the Contractor shall correct the defects before proceeding with the construction work. The cost of such corrective work shall be at the sole expense of the Contractor. Do not touch up minor heat discoloration in areas of welds.

**Placing of Concrete.** The Contractor shall insure that concrete placement does not damage the SIP metal forms. The concrete shall be vibrated to avoid honeycomb and voids, especially at construction joints, expansion joints, valleys and ends of form sheets. Approved pouring sequences shall be used. Calcium chloride or any other admixture containing chloride salts shall not be used in the concrete. The completed SIP metal form system shall be sufficiently tight to prevent leakage of mortar or concrete.

**Inspection.** The Project Engineer will observe the Contractor's method of construction during all phases of the construction of the bridge deck slab, including the installation of the SIP metal

form system; location and fastening of the reinforcement; composition of concrete items; mixing procedures, concrete placement, and vibration; and finishing of the bridge deck. Should the Project Engineer determine that the procedures used during the placement of the concrete warrant inspection of the underside of the deck, at least one section of the metal forms shall be removed in each span for this purpose. This shall be done as soon after placing the concrete as practical in order to provide visual evidence that the concrete mix and the procedures are obtaining the desired results. An additional section shall be removed in any span if the Project Engineer determines that there has been any change in the concrete mix or in the procedures warranting additional inspection.

If, in the Project Engineer's judgment, inspection is needed to check for defects in the bottom of the deck or to verify soundness, the SIP metal forms shall be sounded with a hammer after the deck concrete has been in place a minimum of two days. If sounding discloses areas of doubtful soundness to the Project Engineer, the SIP metal forms shall be removed from such areas for visual inspection after the concrete has attained adequate strength. The SIP metal bridge deck forms shall be removed at no expense to the State.

At locations where sections of the metal forms have been removed, the Project Engineer will not require the Contractor to replace the metal forms. The adjacent metal forms and supports shall be repaired to present a neat appearance and to ensure their satisfactory retention. As soon as the form is removed, the Project Engineer will examine the concrete surfaces for cavities, honeycombing, and other defects. If irregularities are found and the Project Engineer determines that these irregularities do not justify rejection of the work, the concrete shall be repaired as directed by the Project Engineer. If the Project Engineer determines that the concrete where the form is removed is unsatisfactory, additional metal forms as necessary shall be removed to inspect and repair the slab, and the Contractor's method of construction shall be modified as required to obtain satisfactory concrete in the slab. All unsatisfactory concrete shall be removed and replaced as directed at no expense to the State.

If the method of construction and the results of the inspections as outlined above indicate that sound concrete has been obtained throughout the slabs, the amount of sounding and form removal may be reduced when approved by the Project Engineer.

The Contractor shall provide a safe and convenient means of conducting of the inspection.



## MISSISSIPPI DEPARTMENT OF TRANSPORTATION

**SECTION 904 - NOTICE TO BIDDERS NO. 4085**

**CODE: (SP)**

**DATE: 08/28/2012**

**SUBJECT: Temporary Steel Bracing**

Bidders are advised that temporary steel bracing will be required when beams are to be placed over railroads and roadways. The detail sheet with requirements for temporary beam bracing can be downloaded or viewed at the below ftp site.

<http://ftp.mdot.state.ms.us/ftp/Bridge/Bracing>

Grade, Drain, Bridge & Incidental Paving approximately 6 miles on SR 25 South of Becker to Existing US 278, known as Federal Aid Project No. HSIP-0040-01(021) / 101635301 in Monroe County.

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
					<b>Roadway Items</b>
0010	201-A001		1	Lump Sum	Clearing and Grubbing
0020	201-B001		3	Acre	Clearing and Grubbing
0030	202-A001		1	Lump Sum	Removal of Obstructions
0040	202-B005		1,340	Square Yard	Removal of Asphalt Pavement, All Depths
0050	202-B009		1	Each	Removal of Bridge
0060	202-B018		146	Square Yard	Removal of Concrete Driveways, All Depths
0070	202-B064		441	Linear Feet	Removal of Pipe, 8" And Above
0080	202-B149		1	Mile	Removal of Traffic Stripe
0090	203-A003	(E)	143,353	Cubic Yard	Unclassified Excavation, FM, AH
	Changed 09/04/2012				
0100	203-EX017	(E)	1,238,306	Cubic Yard	Borrow Excavation, AH, FME, Class B9
0120	206-A001	(S)	6,253	Cubic Yard	Structure Excavation
0130	206-B001	(E)	154	Cubic Yard	Select Material for Undercuts, Contractor Furnished, FM
0140	211-B001	(E)	41,947	Cubic Yard	Topsoil for Slope Treatment, Contractor Furnished
	Changed 09/04/2012				
0150	213-C001				Deleted 09/04/2012
0160	215-A001				Deleted 09/04/2012
0170	216-A001		7,471	Square Yard	Solid Sodding
0180	217-A001		6,132	Square Yard	Ditch Liner
0190	219-A001		150	Thousand Gallon	Watering [\$20.00]
0200	220-A001		52	Acre	Insect Pest Control [\$30.00]
	Changed 09/04/2012				
0210	221-A001	(S)	53	Cubic Yard	Portland Cement Concrete Paved Ditch
0220	223-A001		1	Acre	Mowing [\$40.00]
0230	224-A001		2,561	Square Yard	Soil Reinforcing Mat
0240	234-A001		15,405	Linear Feet	Temporary Silt Fence
0250	235-A001		132	Bale	Temporary Erosion Checks
0260	236-A004		32	Each	Silt Basin, Type D
0270	239-A001		4,312	Linear Feet	Temporary Slope Drains
0280	602-A001	(S)	318,118	Pounds	Reinforcing Steel

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0290	603-CA002	(S)	1,700	Linear Feet	18" Reinforced Concrete Pipe, Class III
0300	603-CA003	(S)	168	Linear Feet	24" Reinforced Concrete Pipe, Class III
0310	603-CA004	(S)	84	Linear Feet	30" Reinforced Concrete Pipe, Class III
0320	603-CA007	(S)	96	Linear Feet	48" Reinforced Concrete Pipe, Class III
0330	603-CA009	(S)	148	Linear Feet	60" Reinforced Concrete Pipe, Class III
0340	603-CA135	(S)	200	Linear Feet	54" Reinforced Concrete Pipe, Class IV, Class C Bedding
0350	603-CA136	(S)	164	Linear Feet	60" Reinforced Concrete Pipe, Class IV, Class C Bedding
0360	603-CB001	(S)	24	Each	18" Reinforced Concrete End Section
0370	603-CB002	(S)	3	Each	24" Reinforced Concrete End Section
0380	603-CB003	(S)	2	Each	30" Reinforced Concrete End Section
0390	603-CB006	(S)	2	Each	48" Reinforced Concrete End Section
0400	603-CB007	(S)	2	Each	54" Reinforced Concrete End Section
0410	603-CB008	(S)	4	Each	60" Reinforced Concrete End Section
0420	603-CE001	(S)	332	Linear Feet	22" x 13" Concrete Arch Pipe, Class A III
0430	603-CE002	(S)	104	Linear Feet	29" x 18" Concrete Arch Pipe, Class A III
0440	603-CE003	(S)	136	Linear Feet	36" x 23" Concrete Arch Pipe, Class A III
0450	603-CE004	(S)	160	Linear Feet	44" x 27" Concrete Arch Pipe, Class A III
0460	603-CE005	(S)	176	Linear Feet	51" x 31" Concrete Arch Pipe, Class A III
0470	603-CE007	(S)	460	Linear Feet	65" x 40" Concrete Arch Pipe, Class A III
0480	603-CE008	(S)	176	Linear Feet	73" x 45" Concrete Arch Pipe, Class A III
0490	603-CF001	(S)	4	Each	22" x 13" Concrete Arch Pipe End Section
0500	603-CF003	(S)	4	Each	36" x 23" Concrete Arch Pipe End Section
0510	603-CF004	(S)	4	Each	44" x 27" Concrete Arch Pipe End Section
0520	603-CF005	(S)	4	Each	51" x 31" Concrete Arch Pipe End Section
0530	603-CF007	(S)	4	Each	65" x 40" Concrete Arch Pipe End Section
0540	604-B001		3,250	Pounds	Gratings
0550	614-A002	(S)	99	Square Yard	Concrete Driveway, Without Reinforcement, 6-inch Thickness
0560	618-A001		1	Lump Sum	Maintenance of Traffic
0570	619-A1003		8,640	Linear Feet	Temporary Traffic Stripe, Continuous White, Paint
0580	619-A2003		8,758	Linear Feet	Temporary Traffic Stripe, Continuous Yellow, Paint
0590	619-A5002		129	Linear Feet	Temporary Traffic Stripe, Detail, Paint
0600	619-A6003		24	Linear Feet	Temporary Traffic Stripe, Legend, Paint
0610	619-D1001		104	Square Feet	Standard Roadside Construction Signs, Less than 10 Square Feet
0620	619-D2001		439	Square Feet	Standard Roadside Construction Signs, 10 Square Feet or More
0630	619-F1001		1,200	Linear Feet	Concrete Median Barrier, Precast

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0640	619-G4001		224	Linear Feet	Barricades, Type III, Single Faced
0650	619-G4002		144	Linear Feet	Barricades, Type III, Single Faced, Permanent
0660	619-G5001		34	Each	Free Standing Plastic Drums
0670	620-A001		1	Lump Sum	Mobilization
0680	621-A001		1	Each	Field Laboratory
0690	627-L001		110	Each	Two-Way Yellow Reflective High Performance Raised Markers
0700	630-A001		199	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness
0710	630-A002		201	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness
0720	630-C003		473	Linear Feet	Steel U-Section Posts, 3.0 lb/ft
0730	815-A009	(S)	15,693	Ton	Loose Riprap, Size 300
0740	815-E001	(S)	31,930	Square Yard	Geotextile under Riprap
0750	815-F002	(S)	1,225	Ton	Sediment Control Stone
0760	907-225-A001		104	Acre	Grassing
	Changed 09/04/2012				
0770	907-225-B001		312	Ton	Agricultural Limestone
	Changed 09/04/2012				
0772	907-225-C001		208	Ton	Mulch, Vegetative Mulch
	Added 09/04/2012				
0780	907-226-A001		52	Acre	Temporary Grassing
	Changed 09/04/2012				
0790	907-234-D001		2	Each	Inlet Siltation Guard
0800	907-234-E001		2	Each	Reset Inlet Siltation Guard
0810	907-237-A002		64	Linear Feet	Wattles, 12"
0820	907-237-A003		496	Linear Feet	Wattles, 20"
0830	907-245-A001		496	Linear Feet	Triangular Silt Dike
0840	907-246-A001		560	Linear Feet	Sandbags
0850	907-247-A001		4	Each	Temporary Stream Diversion
0860	907-249-A001		150	Ton	Riprap for Erosion Control
0870	907-249-B001		586	Cubic Yard	Remove and Reset Riprap
	Changed 09/04/2012				
0880	907-304-C007	(GY)	4,309	Cubic Yard	Granular Material, AEA, Class 3, Group C
0890	907-304-H002	(GY)	1,000	Cubic Yard	3/4" and Down Crushed Stone Base, LVM
0900	907-407-A001	(A2)	1,451	Gallon	Asphalt for Tack Coat
0910	907-601-A001	(S)	1,774	Cubic Yard	Class "B" Structural Concrete
0920	907-601-B003	(S)	17	Cubic Yard	Class "B" Structural Concrete, Minor Structures

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0930	907-603-ALT01	(S)	172	Linear Feet	18" Type A Alternate Pipe
0940	907-603-ALT02	(S)	40	Linear Feet	24" Type A Alternate Pipe
0950	907-603-ALT04	(S)	68	Linear Feet	36" Type A Alternate Pipe
0960	907-603-ALT08	(S)	144	Linear Feet	18" Type B Alternate Pipe
0970	907-603-ALT09	(S)	96	Linear Feet	24" Type B Alternate Pipe
0980	907-605-Q002	(S)	500	Linear Feet	6" Perforated Corrugated Polyethylene Drainage Tubing for Underdrains
0990	907-605-R002	(S)	500	Linear Feet	6" Non-perforated Corrugated Polyethylene Drainage Tubing for Underdrains
1000	907-617-A001		145	Each	Right-of-Way Marker
1010	907-619-E3001		2	Each	Changeable Message Sign
1020	907-626-C008		8,640	Linear Feet	6" Thermoplastic Edge Stripe, Continuous White
1030	907-626-E003		8,758	Linear Feet	6" Thermoplastic Traffic Stripe, Continuous Yellow
1040	907-626-G004		129	Linear Feet	Thermoplastic Detail Stripe, White
1050	907-626-H005		24	Square Feet	Thermoplastic Legend, White
1060	907-699-A002		1	Lump Sum	Roadway Construction Stakes
1070	907-906001		1,760	Hours	Trainees [\$5.00]
<b>ALTERNATE GROUP AA NUMBER 1</b>					
1080	907-403-A011	(BA1)	1,492	Ton	Hot Mix Asphalt, ST, 12.5-mm mixture
<b>ALTERNATE GROUP AA NUMBER 2</b>					
1090	907-403-M003	(BA1)	1,492	Ton	Warm Mix Asphalt, ST, 12.5-mm mixture
<b>ALTERNATE GROUP BB NUMBER 1</b>					
1100	907-403-A015	(BA1)	1,116	Ton	Hot Mix Asphalt, ST, 9.5-mm mixture
<b>ALTERNATE GROUP BB NUMBER 2</b>					
1110	907-403-M001	(BA1)	1,116	Ton	Warm Mix Asphalt, ST, 9.5-mm mixture
<b>Bridge Items</b>					
1120	501-K001		10,573	Square Yard	Transverse Grooving
1130	801-A001	(S)	465	Cubic Yard	Foundation Excavation for Bridges
1140	803-D002	(S)	8,885	Linear Feet	HP 12 x 53 Steel Piling
1150	803-D003	(S)	3,085	Linear Feet	HP 14 x 73 Steel Piling
1160	803-D006	(S)	10,670	Linear Feet	HP 14 x 117 Steel Piling
1170	803-H001	(S)	7	Each	PDA Test Pile, Conventional Load Test
1180	803-I001	(S)	14	Each	PDA Test Pile
1190	803-N001	(S)	10	Linear Feet	Exploration
1200	803-O010	(S)	300	Linear Feet	Temporary Casing, 60" Diameter
1210	805-A001	(S)	992,754	Pounds	Reinforcement
1220	813-A001	(S)	4,182	Linear Feet	Concrete Railing

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1230	815-A009	(S)	411	Ton	Loose Riprap, Size 300
1240	815-D001	(S)	758	Cubic Yard	Concrete Slope Paving
1250	815-E001	(S)	335	Square Yard	Geotextile under Riprap
1260	907-803-K006	(S)	600	Linear Feet	Drilled Shaft, 60" Diameter
1270	907-803-L002	(S)	1	Each	Test Shaft, 60" Diameter
1280	907-803-M005	(S)	60	Linear Feet	Trial Shaft, 60" Diameter
1290	907-804-A001	(S)	4,968	Cubic Yard	Bridge Concrete, Class AA
1300	907-804-C016	(S)	8,517	Linear Feet	40' Prestressed Concrete Beam, Type I+2
1310	907-804-C026	(S)	535	Linear Feet	90' Prestressed Concrete Beam, Type IV
1320	907-804-C030	(S)	638	Linear Feet	80' Prestressed Concrete Beam, Type III
1330	907-804-C158	(S)	569	Linear Feet	95' Prestressed Concrete Beam, Type IV
1340	907-804-C172	(S)	1,017	Linear Feet	85' Prestressed Concrete Beam, Type IV
1350	907-804-C231	(S)	714	Linear Feet	60' Prestressed Concrete Beam, Type IV
1360	907-804-C232	(S)	1,269	Linear Feet	106' Prestressed Concrete Beam, Type BT-63
1370	907-804-C233	(S)	1,461	Linear Feet	122' Prestressed Concrete Beam, Type BT-63
1380	907-899-A001		1	Lump Sum	Railway-Highway Provisions