

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. <u> 1 </u>	DATED <u> 10/15/2013 </u>	ADDENDUM NO. <u> 3 </u>	DATED <u> 11/19/2013 </u>
ADDENDUM NO. <u> 2 </u>	DATED <u> 11/12/2013 </u>	ADDENDUM NO. <u> 4 </u>	DATED <u> 11/21/2013 </u>

- | Number | Description |
|--------|---|
| 1 | Added or Revised Plan Sheet Nos. 2, 60, 102, 103, & 110; Amendment EBS Download Required. |
| 2 | Revised Advertisement, replaces same; Revised NTB No. 1369M, replaces same; BidItems, replace same; Added or Revised Plan Sheet Nos. 2, 9, 10, 60, 102, 103, 110, 8001, 8019-8021, & 9001-9075; Amendment EBS Download Required. |
| 3 | Revised Table of Contents, replace same; Revised NTB No. 1370M, replaces same; Add NTB Nos. 1384M & 1385M; Add SP 907-107-22M Supplement; BidItems, replace same; Added or Revised Plan Sheet Nos. 2, 3, 11, 53, 54, 57, 2007, & 2008; Amendment EBS Download Required. |
| 4 | Revised Table of Contents, replace same; Delete NTB No. 1384M; Revised NTB No. 1385M, replaces same; Add NTB Nos. 1386M & 1387M; BidItems, replace same; Amendment EBS Download Required. |

TOTAL ADDENDA: 4
 (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.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

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OF SECTION 905 AS ADDENDA)

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 -NOTICE TO BIDDERS NO. 1385M

CODE: (SP)

DATE: 11/21/2013

SUBJECT: Sequence of Operations Soils

PROJECT: SP-9392-00(008) / 100710302 – Jackson County

Bidders are hereby advised of the potential exposure to hazardous soils and/or groundwater during construction activities. Based on the industrial nature of the area and past releases from the surrounding industrial facilities, the potential for exposure to hazardous chemicals does exist.

Should contaminated soil be encountered during construction, the following sequence of operations for the removal of potentially contaminated shallow soils should be followed. The primary areas of concern are located from stations 3+140 to 3+440.

The Contractor shall follow the following sequence of operations for the excavation and transport of potentially contaminated soils along existing State Highway 611, Jackson County, Mississippi.

The following sequence was developed for the excavation, loading, and transport of contaminated soil along 611 Highway in Jackson County, Mississippi. Based on interagency discussions between the Mississippi Department of Transportation (MDOT) and the Mississippi Department of Environmental Quality (MDEQ), the relocation of contaminated soil will be treated in a manner consistent with the abatement or removal of contaminated soils, as defined by the Occupational Safety and Health Act (OSHA) and administered by the MDEQ. The agreed exceptions to the referenced procedures are:

1. The excavation, loading, and transportation of the contaminated soil will be performed by a General Contractor; and
2. The potentially contaminated soil will be profiled for proper disposal, transported and disposed at a properly permitted waste disposal facility.

Only material that must be disturbed as part of road construction and is deemed as potentially contaminated, within the MDOT right of way (ROW) boundaries, as defined by the MDOT, will be excavated and removed as contaminated soil.

MDOT will provide oversight of the removal of soil from the proposed construction site. The Engineer will be responsible for area air monitoring, personnel air monitoring, and documentation of the complete removal of contaminated soil within the MDOT ROW. The Engineer will have stop-work authority as required to assure the safe and complete excavation, loading, transport, and disposal of the debris and soil. The Engineer will perform the initial personnel monitoring and testing required to make a negative exposure assessment, and will

provide the required area monitoring, personnel monitoring for the duration of the project to assure the health and safety of the project personnel and surrounding area. The Engineer will provide adequate personnel to perform the defined oversight responsibilities based on the number and distribution of working faces within the MDOT designated work area. The Engineer will also maintain the required paperwork to document the proper and complete removal of accessible debris and contaminated soil from the MDOT ROW of the proposed designated work area.

Personnel Health and Safety

The Contractor will be responsible for the health and safety training and program administration of Contractor personnel for all aspects of the field activities except soil hazard recognition training that will be performed by the Engineer. The Engineer will work closely with the Contractor’s Site Safety Officer (SSO) and shall, at his discretion, attend the Contractor’s daily safety meetings to discuss any asbestos related concerns or issues. The Engineer will notify the SSO of any observed concerns or problems with the removal procedures, and will work with the SSO to immediately remedy such issues. The Contractor will maintain a safety logbook (including records of daily safety meetings) as part of the Contractor’s daily project log.

Field Activities

The Contractor will be required to implement Best Management Practices (BMPs) for the excavation, loading, and transport of contaminated soil from the proposed construction site to an approved Subtitle D permitted landfill. Each excavation site (working face) will require access control to limit the potential for exposure to contaminated soil. Caution tape and/or caution fencing will be placed around the excavation area. The access point for traffic to each working face will be posted with a warning sign “**Warning – Hazard – Authorized Personnel Only**”. Each excavation site (working face) will be required to have a source of water, spray application equipment, and personnel to keep the excavated material wet.

Each truckload of contaminated soil waste will be transported to an approved Subtitle D permitted landfill for disposal under an authorized hazardous waste manifest and the waste disposal will be documented with a certified gate receipt from the landfill. Each manifest will be signed by the Engineer prior to leaving the site, and all landfill gate receipts will be transferred from the truck driver to the Engineer upon returning to the project site.

All items associated with the sequence of operations listed above will be paid for under pay item 203-G, Excess Excavation (**Unsuitable**) (FM) (AH).

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 1386M

CODE: (SP)

DATE: 11/21/2013

SUBJECT: Health, Safety, and Environmental Awareness

PROJECT: SP-9392-00(008) / 100710302 -- Jackson County

Bidders are advised that this contract requires the Prime Contractor to provide health, safety, environmental awareness and guidance for the Prime Contractor's employees and lower-tiered subcontractor's employees to help ensure that project road construction activities are conducted in accordance with MDOT, OSHA and Prime Contractor HSE requirements. This HSE Plan shall help ensure that the project is accomplished **incident and injury free**. All project personnel shall be advised of this HSE plan prior to working on the site.

General:

- **Project:** SR 611 Jackson County, Mississippi
MDOT Project No. STP-9392-00(008)/100710302
- **Work location:** SR 611 Pascagoula, Mississippi
- **Work tasks:** Road construction activities as per contract

Health, Safety and Environmental Requirements:

Work performed on the Project shall comply with all applicable Federal, State of Mississippi HSE requirements, as well as requirements outlined in this HSE plan.

Prime Contractor personnel working on the Project are identified below:

Prime Contractor Contacts:

Name	Responsibility	Cell	Other
	Senior Project Manager		
	Project Manager		
	Principal Engineer		
	Safety Director		

MDOT Contacts:

Name	Responsibility	Cell	Other
	Project Engineer		

Emergency Contacts:

Name	Responsibility	Cell	Other
Samuel Cunningham	Mississippi Phosphates	(228) 218-7262	(228) 712-3307
Timmy Thomas	Mississippi Phosphates	(228) 990-2984	(228) 712-3361
Carl Field	First Chemical Corp.	(228) 627-5426	(228) 938-2264
Jerry Hubbard	Chevron	(228) 383-4468	
Hospital	Singing River		(228) 809-5000
Chevron Main Gate	Security/Emergency		(228) 938-4506

Working Near Buried Pipelines:

Because there are potential hazards associated with construction or excavation work around buried pipelines and in accordance with the U. S. Department of Transportation and Office of Pipeline Safety requirements, the Prime Contractor and its lower-tiered subcontractors shall ensure the following general requirements for working near buried pipelines are met:

- Federal, State, and local requirements shall be followed.
- Mississippi 811 shall be contacted prior to starting any construction.

Environmental:

General Site Information

In January 2010, a Phase II Environmental Site Assessment of the area potentially affected by the proposed improvements to SR 611 in Pascagoula, Jackson County, Mississippi was performed. The study focused from North of the intersection of SR 63 and SR 90 South to the southern termini of SR 611. The Project extends approximately 4.5 miles.

Six sites were tested. Of these, the following three (3) sites have impacted the shallow soils and groundwater within the SR 611 corridor in the vicinity of the respective facilities:

- Site 4 – First Chemical Corporation
- Site 5 – Mississippi Phosphates Company
- Site 6 - Chevron Petroleum Refinery

Based on file review information and discussions with Chevron, Mississippi Phosphates and Mississippi Chemical environmental staff, the following potential contaminants were identified:

Company Name	Potential Contaminant
First Chemical	Aniline, Benzene, Toluene, Nitrobenzene
Mississippi Phosphates	Low pH
Chevron Refinery	Petroleum (crude oil and bunker fuel oil)

Due to the significant historical and current industrial activities encountered along the SR 611 corridor, all parties involved with the construction of this Project shall be made aware of the potential for encountering contamination.

Exclusion Zone

An Exclusion Zone should be established in the event contaminated soil is encountered during construction activities. It will be the responsibility of the Prime Contractor and its lower-tiered subcontractors to prevent unauthorized personnel from entering the exclusion zone. When necessary, the exclusion zone will be delineated with barricade tape, cones, and/or barricades.

Personnel

All site personnel should minimize contact with potential contaminants.

Muster Points

Emergency evacuation/muster points shall be established and communicated to all personnel as part of the Prime Contractors Health and Safety Plan for the project.

Chevron, Mississippi Phosphates, First Chemical Corporation Coordination

The Prime Contractor shall communicate with the area plants and refinery concerning their emergency evacuation policies and procedures in the event of an in-plant emergency that may affect the road Project. These policies should be communicated to all personnel as part of the Prime Contractors Health and Safety Plan for the project.

Disposal of Contaminated Materials

In the event contaminated soils are encountered, hazardous substances and contaminated soils, liquids and other residues should be handled, transported, labeled and properly disposed of in accordance with the material handling procedures of OSHA, Mississippi Department of Environmental Quality and the USEPA.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 1387M

CODE: (SP)

DATE: 11/21/2013

SUBJECT: Excess Excavation (Unsuitable)

PROJECT: SP-9392-00(008) / 100710302 -- Jackson County

Bidders are hereby advised that Pay Item, Excess Excavation (Unsuitable) FM, AH is not included in the plans, but is listed on the Bid Sheets.

Bidders are to review Notice To Bidders 1385M for clarity of work associated with this pay item.

Reconstruction of SR 611 from US 90 to the end of the route, known as State Project No. SP-9392-00(008) / 100710302 in Jackson 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-A001		1	Lump Sum	Removal of Obstructions
0030	202-B043		10	Each	Removal of Flared End Section (All Sizes)
0040	202-B056		61	Meter	Removal of Guard Rail Only
0050	202-B066		161	Meter	Removal of Pipe (200-mm and above)
0060	202-B076		6,275	Meter	Removal of Traffic Stripe
0070	202-B079		2,796	Square Meter	Removal of Pavement (All Types and Depths)
0080	202-B081		12	Each	Removal of Headwall
0090	202-B083		50	Each	Removal of Sign
0100	202-B138		1	Each	Removal of Traffic Signal
0110	203-D001	(E)	6,547	Cubic Meter	Muck Excavation (FM)
0120	203-G003	(E)	750	Cubic Meter	Excess Excavation (FM) (AH)
0125	203-G003	(E)	900	Cubic Meter	Excess Excavation (FM) (AH) ,(Unsuitable)
Added 11/21/2013					
0130	206-A001	(S)	2,772	Cubic Meter	Structure Excavation
0140	206-B001	(E)	287	Cubic Meter	Select Material for Undercuts (Contractor Furnished) (FM)
0150	211-A001		41,475	Square Meter	Topsoil for Slope Treatment (From Right-of-Way)
0160	213-C001		8	Metric Ton	Superphosphate
0170	219-A001		3	thousand liter	Watering [\$6.00]
0180	220-A001		4	Hectare	Insect Pest Control [\$75.00]
0190	235-A001		210	Bale	Temporary Erosion Checks
0195	406-A001		6,221	Square Meter	Cold Milling of Bituminous Pavement (All Depths)
Added 11/12/2013					
0200	406-B001		180	Square Meter	Cold Milling of Concrete Pavement (All Depths)
0210	501-E001		48	Meter	Expansion Joints (Without Dowels)
0220	502-A002	(C)	287	Square Meter	Reinforced Cement Concrete Bridge End Pavement (225 mm)
0230	602-A001	(S)	18,746	Kilogram	Reinforcing Steel
0240	603-C-A091	(S)	181	Meter	600-mm Reinforced Concrete Pipe, Class III (Rubber Type Gaskets)
0250	603-C-A093	(S)	17	Meter	900-mm Reinforced Concrete Pipe, Class III (Rubber Type Gaskets)
0260	603-C-A109	(S)	34	Meter	600-mm Reinforced Concrete Pipe, Class V, Jacked or Bored
0270	603-C-B001	(S)	2	Each	450-mm Reinforced Concrete End Section
0280	603-C-B002	(S)	13	Each	600-mm Reinforced Concrete End Section

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0290	603-C-B004	(S)	2	Each	900-mm Reinforced Concrete End Section
0300	603-C-E041	(S)	14	Meter	1300-mm x 795-mm Concrete Arch Pipe, Class A III (Flexible Plastic Gaskets)
0310	603-C-E044	(S)	26	Meter	1485-mm x 915-mm Concrete Arch Pipe, Class A III (Flexible Plastic Gaskets)
0320	603-C-F005	(S)	2	Each	1300-mm x 795-mm Concrete Arch Pipe End Section
0330	603-P-A009	(S)	365	Meter	3000-mm x 1800-mm Precast Concrete Box Culvert
0340	603-S-B030	(S)	1	Each	600-mm Branch Connections (Stub into Concrete Box Culvert Wingwall)
0350	604-A001		222	Kilogram	Castings
0360	604-B001		180	Kilogram	Gratings
0370	606-B001		625	Meter	Guard Rail (Class A, Type 1)
0380	606-D012		2	Each	Guard Rail, Bridge End Section, Type I
0390	609-D001	(S)	16	Meter	Combination Concrete Curb and Gutter Type 1
0400	609-D007	(S)	275	Meter	Combination Concrete Curb and Gutter Type 2 Modified
0410	614-A001	(S)	142	Square Meter	Concrete Driveway (Without Reinforcement)
0420	615-A016	(S)	12	Meter	Concrete Bridge End Barrier, 850-mm
0430	616-A001	(S)	233	Square Meter	Concrete Median and/or Island Pavement (100-mm)
0440	616-A003	(S)	43	Square Meter	Concrete Median and/or Island Pavement (250-mm)
0450	618-A001		1	Lump Sum	Maintenance of Traffic
0460	619-D1001		7	Square Meter	Standard Roadside Construction Signs (less than 0.9 square meter)
0470	619-D2001		76	Square Meter	Standard Roadside Construction Signs (0.9 square meter or more)
0480	619-F1001		40	Meter	Concrete Median Barrier (Precast)
0490	619-G4001		101	Meter	Barricades (Type III) (Single Faced)
0500	619-G4005		8	Meter	Barricades (Type III) (Double Faced)
0510	619-G5001		200	Each	Free Standing Plastic Drums
0520	619-G7001		12	Each	Warning Lights (Type "B")
0525	619-H1001		1	Lump Sum	Traffic Signals ,SR 611 at Orchard Rd. Added 11/19/2013
0530	620-A001		1	Lump Sum	Mobilization
0540	630-A001		22	Square Meter	Standard Roadside Signs (Sheet Aluminum, 2.03-mm Thickness)
0550	630-A002		26	Square Meter	Standard Roadside Signs (Sheet Aluminum, 3.18-mm Thickness)
0560	630-C003		5	Meter	Steel U-Section Posts (4.46 kg/m)
0570	630-E004		343	Kilogram	Structural Steel Angles & Bars (12 mm x 63 mm Flat Bars)
0580	630-F001		102	Each	Delineators (Guard Rail)(White)
0590	630-F006		15	Each	Delineators (Post Mounted)(Single White)
0600	630-F008		48	Each	Delineators (Post Mounted)(Double White)
0610	630-G001		4	Each	Type 3 Object Markers (OM-3R or OM-3L) Post Mounted

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0620	630-K002		108	Meter	Welded & Seamless Steel Pipe Posts (DN 90)
0630	630-K003		105	Meter	Welded & Seamless Steel Pipe Posts (DN 100)
0640	802-C001	(S)	1,436	Square Meter	Permanent Steel Sheet Piling
0650	814-A001	(S)	1	Lump Sum	Painting of Metal Structures
0660	815-A007	(S)	516	Metric Ton	Loose Riprap, (Size 136 kg)
0670	907-203-A002	(E)	13,607	Cubic Meter	Unclassified Excavation (FM) (AH)
0680	907-203-EX002	(E)	25,831	Cubic Meter	Borrow Excavation (AH)(FME) (Class B4)
0690	907-209-A004		112,706	Square Meter	Geotextile Fabric Stabilization (Type V Non-Woven)
0700	907-216-A001		40	Square Meter	Solid Sodding
0710	907-217-A001		1,712	Square Meter	Ditch Liner
0720	907-223-A001		1	Hectare	Mowing [\$125.00]
0730	907-225-A001		8	Hectare	Grassing
0740	907-225-B001		56	Metric Ton	Agricultural Limestone
0750	907-225-C001		37	Metric Ton	Mulch, Vegetative Mulch
0760	907-226-A002		8	Hectare	Temporary Grassing
0770	907-234-A002		11,207	Meter	Temporary Silt Fence
0780	907-234-F001		605	Meter	Turbidity Barrier
0790	907-237-A002		190	Meter	Wattles, 500-mm
0800	907-246-A001		160	Meter	Sandbags
0810	907-247-A001		2	Each	Temporary Stream Diversion
0820	907-249-A001		209	Metric Ton	Riprap for Erosion Control
0830	907-304-A004	(GM)	23,822	Cubic Meter	Granular Material (LVM) (Class 9, Group C)
0840	907-307-A001 Changed 11/12/2013	(M)	38,940	Square Meter	150-mm Soil-Lime-Water Mixing (Class A)
0850	907-307-D001 Changed 11/12/2013		562	Metric Ton	Lime
0860	907-307-S001 Changed 11/12/2013	(A3)	38,940	Liter	Bituminous Curing Seal
0870	907-407-A001	(A2)	60,845	Liter	Asphalt for Tack Coat
0880	907-413-H001		48	Meter	Sawing and Sealing Transverse Joints in Asphalt Pavment
0890	907-423-A001		11	Kilometer	Rumble Strips (Ground In)
0900	907-601-A001	(S)	95	Cubic Meter	Class "B" Structural Concrete
0910	907-601-B001	(S)	22	Cubic Meter	Class "B" Structural Concrete, Minor Structures
0920	907-603-ALT01	(S)	36	Meter	450-mm Type A Alternate Pipe
0930	907-606-E003		2	Each	Guard Rail, Terminal End Section, Flared

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0940	907-606-E004		18	Each	Guard Rail, Terminal End Section, Non-Flared
0950	907-617-A003		44	Each	Right-of-Way Marker
0960	907-619-A1002		201	Meter	Temporary Traffic Stripe (Continuous White) (Type 1 Tape)
0970	907-619-A1010		32	Kilometer	Temporary Traffic Stripe (Continuous White)
0980	907-619-A2002		201	Meter	Temporary Traffic Stripe (Continuous Yellow) (Type 1 Tape)
0990	907-619-A2010		32	Kilometer	Temporary Traffic Stripe (Continuous Yellow)
1000	907-619-A3005		11	Kilometer	Temporary Traffic Stripe (Skip White)
1010	907-619-A3009		67	Meter	Temporary Traffic Stripe, Skip White, Type 1 Tape
1020	907-619-A4005		10	Kilometer	Temporary Traffic Stripe (Skip Yellow)
1030	907-619-A4009		67	Meter	Temporary Traffic Stripe, Skip Yellow, Type 1 Tape
1040	907-619-A5005		793	Meter	Temporary Traffic Stripe (Detail)
1050	907-619-A6006		42	Square Meter	Temporary Traffic Stripe (Legend) (Type 1 Tape)
1060	907-619-A6010		537	Square Meter	Temporary Traffic Stripe (Legend)
1070	907-619-F1006		5,500	Meter	Portable Median Barrier (Less Than or Equal to 72 kph)
	Changed 11/19/2013				
1075	907-619-F2001		5,500	Meter	Remove and Reset Portable Median Barrier
	Added 11/19/2013				
1080	907-626-AA003		15	Kilometer	150-mm Thermoplastic Traffic Stripe (Skip White) (2.25-mm min)
1090	907-626-AA006		101	Meter	150-mm Thermoplastic Double Drop Traffic Stripe (Skip White)(2.25-mm min.)
1100	907-626-CC004		16	Kilometer	150-mm Thermoplastic Double Drop Edge Stripe (Continuous White) (2.25-mm min)
1110	907-626-DD003		14	Kilometer	150-mm Thermoplastic Traffic Stripe (Skip Yellow) (2.25-mm min)
1120	907-626-DD004		101	Meter	150-mm Thermoplastic Double Drop Traffic Stripe, Skip Yellow
1130	907-626-EE004		16	Kilometer	150-mm Thermoplastic Traffic Stripe (Continuous Yellow) (2.25-mm min)
1140	907-626-EE005		101	Meter	150-mm Thermoplastic Double Drop Traffic Stripe, Continuous Yellow, 2.25-mm min
1150	907-626-GG001		3,119	Meter	Thermoplastic Detail Stripe (150-mm Equivalent Length)(White)(2.25-mm min.)
1160	907-626-GG002		5,220	Meter	Thermoplastic Detail Stripe (150-mm Equivalent Length)(Yellow)(2.25-mm min.)
1170	907-626-H001		152	Square Meter	Thermoplastic Legend (White)(3.00-mm min.)
1180	907-626-H002		4,540	Meter	Thermoplastic Legend (White)(3.00-mm min.)
1190	907-627-J001		200	Each	Two-Way Clear Reflective High Performance Raised Markers
1200	907-627-K001		870	Each	Red-Clear Reflective High Performance Raised Markers
1210	907-627-L001		2,561	Each	Two-Way Yellow Reflective High Performance Raised Markers
1220	907-636-A003		69	Meter	Shielded Cable, AWG #14, 2 Conductor
1230	907-639-A002		1	Each	Traffic Signal Equipment Pole (Type IV) (9.1-m Shaft) (12.2-m Arm)
1240	907-639-A014		1	Each	Traffic Signal Equipment Pole (Type II) (5.2-m Shaft) (9.1-m Arm)
1250	907-639-A015		2	Each	Traffic Signal Equipment Pole (Type II) (5.2-m Shaft) (12.2-m Arm)

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1260	907-639-C005		10	Cubic Meter	Pole Foundations, 900-mm Diameter
1270	907-639-D005		20	Meter	Slip Casing, 900-mm Diameter
1280	907-640-B001		6	Each	Traffic Signal Heads (Type 1) LED
1290	907-640-B006		1	Each	Traffic Signal Heads (Type 7) LED
1300	907-640-B009		2	Each	Traffic Signal Heads (Type 4) LED
1310	907-642-A001		1	Each	Solid State Traffic Actuated Controllers (Type 8M)
1320	907-647-A002		5	Each	Pullboxes (Type 2)
1330	907-648-A001		1	Each	Radio Interconnect (Installed in New Controller Cabinet)
1340	907-649-D001		3	Each	Multi-Sensor Detection System, 1 Sensor
1350	907-653-A001		2	Each	Traffic Sign, Internally Illuminated Sign
1360	907-653-B001		2	Square Meter	Street Name Sign (Encapsulated Lens)
1370	907-668-E001		2	Meter	Traffic Signal Conduit (Underground Drilled or Jacked), Rolled Pipe, (25 mm)
1380	907-668-E002		65	Meter	Traffic Signal Conduit (Underground Drilled or Jacked), Rolled Pipe, (50 mm)
1390	907-668-E003		29	Meter	Traffic Signal Conduit (Underground Drilled or Jacked), Rolled Pipe, (75 mm)
1400	907-675-A001		2	Each	Railroad Signal Preemption
1410	907-690-A001		13,200	Kilogram	Portland Cement Grout for Plugging Abandoned Wells
1420	907-699-A001		1	Lump Sum	Roadway Construction Stakes
1430	907-804-B001	(S)	239	Cubic Meter	Box Bridge Concrete (Class B)
1440	907-815-E001	(S)	995	Square Meter	Geotextile Fabric under Riprap
1450	907-899-A001		1	Lump Sum	Railway Highway Provisions
1460	908-666-B021		124	Meter	Electric Cable (Underground in Conduit)(IMSA 20-1)(AWG 10), 2 Conductor
1470	908-666-B036		162	Meter	Electric Cable (Underground in Conduit)(IMSA 20-1)(AWG 14), 8 Conductor
1480	908-668-A013		22	Meter	Traffic Signal Conduit (Underground) (Type IV) (DN 25)
ALTERNATE GROUP AA NUMBER 1					
1490	907-304-D001	(GT)	32,207	Metric Ton	20-mm and Down Crushed Stone
ALTERNATE GROUP AA NUMBER 2					
1500	907-304-I004	(GT)	32,207	Metric Ton	Crushed Stone Base (Size 610)
ALTERNATE GROUP AA NUMBER 3					
1510	907-304-I005	(GT)	32,207	Metric Ton	Crushed Stone Base (Size 825 B)
ALTERNATE GROUP BB NUMBER 1					
1520	907-308-A001		352	Metric Ton	Portland Cement
1530	907-308-B003	(M)	38,940	Square Meter	Soil-Cement-Water Mixing, (Optional Mixers)
1540	907-308-S001	(A3)	38,940	Liter	Bituminous Curing Seal
ALTERNATE GROUP BB NUMBER 2					
1550	907-311-A002	(M)	38,940	Square Meter	Processing Lime and Fly Ash Treated Course, 150 mm Thick

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1560	907-311-B001		281	Metric Ton	Lime
1570	907-311-C001		1,123	Metric Ton	Fly Ash (Class C)
1580	907-311-S001	(A3)	38,940	Liter	Bituminous Curing Seal
ALTERNATE GROUP CC NUMBER 1					
1590	907-403-D001	(BA1)	10,193	Metric Ton	Hot Mix Asphalt, HT, 9.5-mm mixture, Polymer Modified
ALTERNATE GROUP CC NUMBER 2					
1600	907-403-P001	(BA1)	10,193	Metric Ton	Warm Mix Asphalt, HT, 9.5-mm mixture, Polymer Modified
ALTERNATE GROUP DD NUMBER 1					
1610	907-403-D002	(BA1)	7,188	Metric Ton	Hot Mix Asphalt, HT, 12.5-mm mixture, Polymer Modified
ALTERNATE GROUP DD NUMBER 2					
1620	907-403-P002	(BA1)	7,188	Metric Ton	Warm Mix Asphalt, HT, 12.5-mm mixture, Polymer Modified
ALTERNATE GROUP EE NUMBER 1					
1630	907-403-D003	(BA1)	9,371	Metric Ton	Hot Mix Asphalt, HT, 19-mm mixture, Polymer Modified
ALTERNATE GROUP EE NUMBER 2					
1640	907-403-P003	(BA1)	9,371	Metric Ton	Warm Mix Asphalt, HT, 19-mm mixture, Polymer Modified
ALTERNATE GROUP FF NUMBER 1					
1650	907-403-A011	(BA1)	7,582	Metric Ton	Hot Mix Asphalt, HT, 19-mm mixture
ALTERNATE GROUP FF NUMBER 2					
1660	907-403-M011	(BA1)	7,582	Metric Ton	Warm Mix Asphalt, HT, 19-mm mixture
ALTERNATE GROUP GG NUMBER 1					
1670	907-403-A003	(BA1)	7,972	Metric Ton	Hot Mix Asphalt, ST, 19-mm mixture
ALTERNATE GROUP GG NUMBER 2					
1680	907-403-M005	(BA1)	7,972	Metric Ton	Warm Mix Asphalt, ST, 19-mm mixture
Bridge Items					
1690	805-A001	(S)	37,223	Kilogram	Reinforcement
1700	813-A005	(S)	66	Meter	Concrete Railing (815-mm)
1710	907-501-K001		772	Square Meter	Transverse Grooving
1720	907-803-M014	(S)	296	Meter	Drilled Shaft (1680-mm Diameter)
1730	907-803-O012	(S)	32	Meter	Trial Shafts (1680-mm Diameter)
1740	907-803-P001	(S)	4	Meter	Exploration
1750	907-803-R021	(S)	122	Meter	Temporary Casing (1680-mm Diameter)
1760	907-804-A001	(S)	309	Cubic Meter	Bridge Concrete (Class AA)
1770	907-810-A001	(S)	222,166	Kilogram	Structural Steel