

STATE OF MAINE DEPARTMENT OF TRANSPORTATION 16 STATE HOUSE STATION AUGUSTA, MAINE 04333-0016

Bruce A. Van Note

November 25, 2024

Subject: Highway Reconstruction, Bridge Rehabilitation & Lighting Replacement State WIN: 012800.30, 022258.00 &

024363.00

Location: South Portland

Amendment No. 3

Dear Sir/Ms.:

Make The following changes to the Bid Book:

Remove pages Seventeen through Twenty-Nine Titled Proposal Schedule of Items dated 10/22/2024 and **Replace** with the attached Proposal Schedule of Items dated 11/22/2024

The following questions have been received:

Question: SP105 states that temporary lighting shall not be used between 4/16 and 10/31, but also only allows lane closure between 8 pm and 6 am, requiring temporary lighting to safely perform the work. Is the temporary lighting restriction only for that within a certain distance of potential bat habitat (trees)? If not, we do not see how the work can be completed in the time frame allotted given the lighting restrictions and would request an extension for bridge substantial completion and final project completion.

Response: Special Provision Section 105, General Scope of Work, (Environmental Requirements) page 73 of the Contract Bid Book, Section 1, Subsection 4 shall be removed and replaced with the following pen and ink change:

4. Any temporary lighting used must be directed away from trees.

Question: Exhibit C indicates that less than 1 train per day is anticipated under the bridge. The Downeaster schedule posted on their website shows potential for 11 passenger trains per day. Does the Downeaster pass under the bridge? Do any freight trains pass under the bridge? If so, can an accurate number of trains per day and anticipated speed be provided so contractors can solicit railroad protective insurance quotes from carriers?

Response: Approximately ten passenger trains and one freight train pass under the bridge per day. The current maximum authorized speed at this location is 30 MPH.

Question: Can additional details be provided regarding the lighting cabinet and required lighting circuits?

Response: See notes 17 and 20 on sheet L14 and Standard Detail 634(03) for additional details.

Question: Please provide additional details on the existing circuit breakers in the existing lighting cabinet that are to be replaced (i.e. number of breakers, voltage & amperage). We do not have any way of knowing how many circuits will remain in this cabinet.

Response: Pictures of the existing circuit breakers in the existing lighting cabinet are attached to this amendment

Question: Per section 626.36 - Are precast foundation bases acceptable for the lighting fixture locations that are shown on plan L16 and these fixtures are less than 30-feet tall, precast foundations will be permitted for 18 and 24 inch diameter foundations. If allowed please confirm which detail to reference. 626(1) 18" x 5'-6" or 626(2) 24" x 7.0'

Response: All foundations on sheet L16 shall be cast-in-place foundations constructed as shown.

Question: Proposal Schedule of Items - Line item 850, 626.411-18" foundations is showing a QTY of 20 LF. Should this be changed to EA? 49 locations - 21 for drill shafts and -8 for spread footing foundations leave a qty of 20 for the remaining locations.

Response: Foundations for light poles less 30 feet in height (poles SB4 through SB15 and M1 through M8) shall be precast foundations constructed in accordance with Standard Detail 626(02) and paid under 626.421. See the revised Schedule of Items.

Question: Item 403.209 lists "Incidentals" as part of its definition. Is it safe to assume spec 401.13 captures the definition of "Incidentals"? For example; and more specifically; HMA placed by hand methods around structures, curb chink, flare cutbacks, or in situation in which mechanical methods of placement are not practical.

Response: HMA placed from curb to curb, regardless of placement method, is paid under the machine placed HMA items. 401.09 requires the use of a paver on traveled way and shoulders. 401.13 allows the HMA to be hand placed in certain situations, instead of paver placed, with Department approval. It is still machine placed mix that is allowed to be placed by hand.

Question: The special provision for item "524.301 TSS - Deck" says this temporary support is only required in Span 6. Spans 4 and 5 have the same interior girder spacing. Is this TSS work also required in Spans 4 and 5?

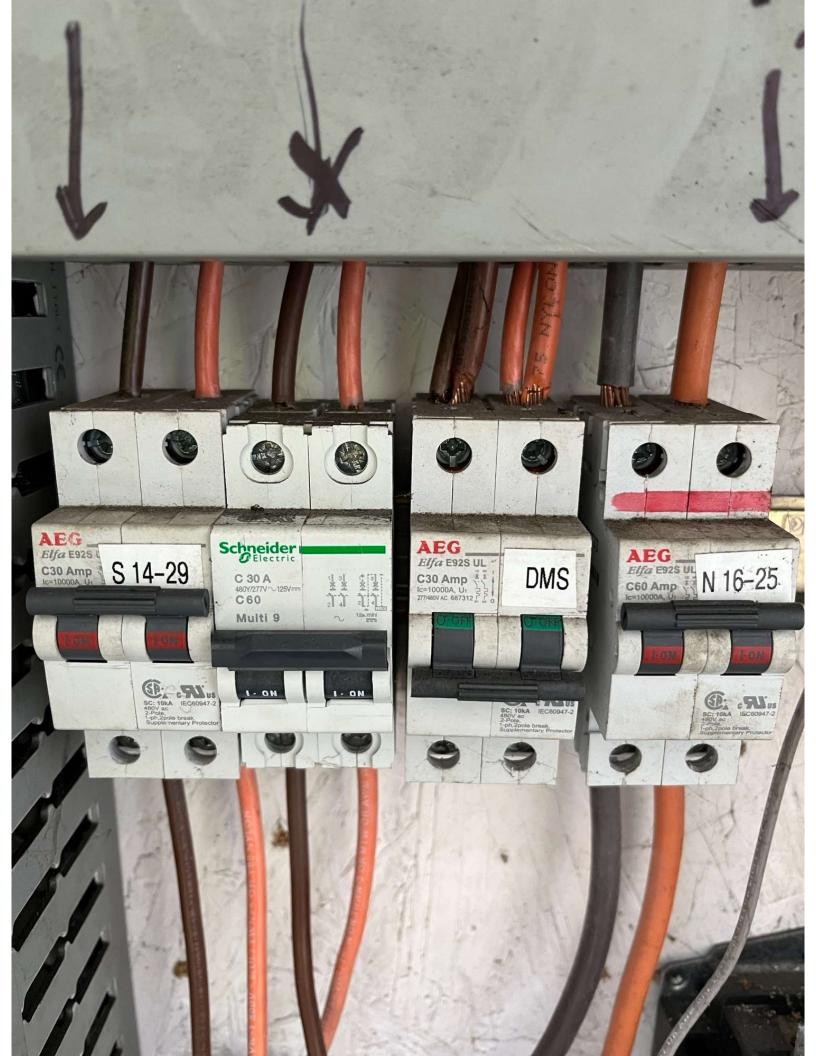
Response: Temporary structural supports are required only in Span 6, where the temporary concrete barrier is entirely on the deck overhang. Due to the tapering geometry of the bridge, in Spans 4 and 5 the temporary barrier is better aligned over the girder, and therefore does not induce the same torsional demands in the girder or flexural stresses in the deck as in Span 6.

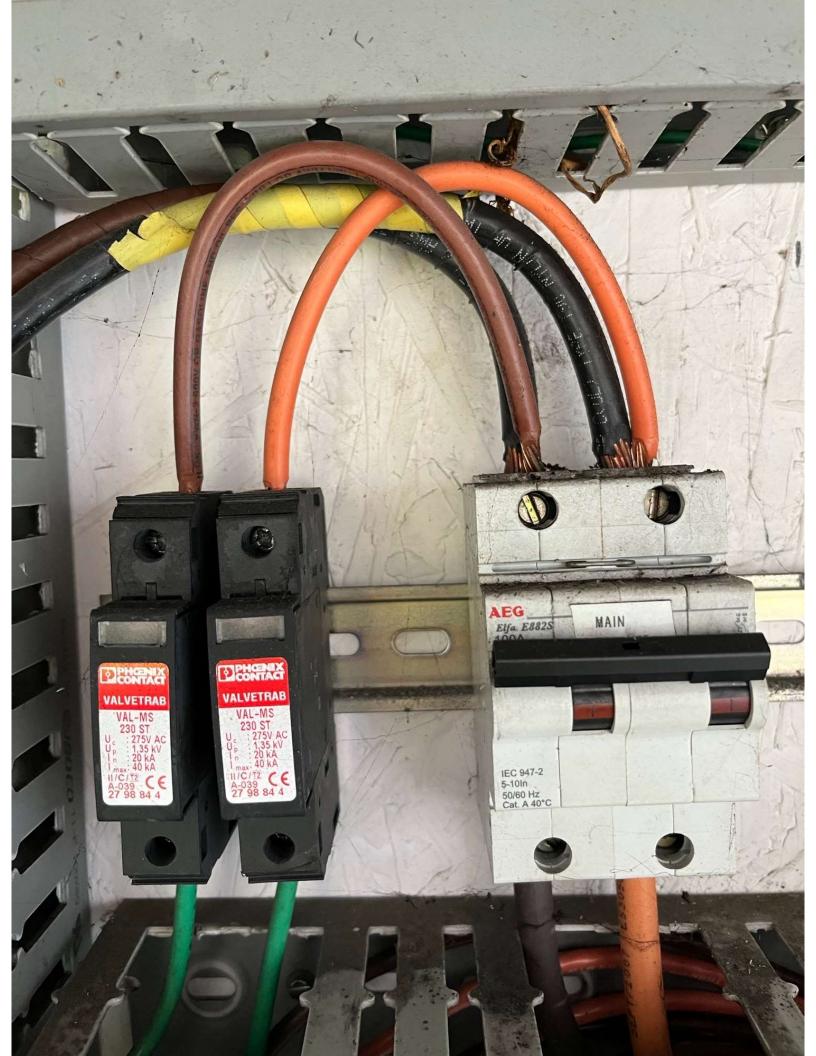
Consider these changes and information prior to submitting your bid on **December 4, 2024.**

Sincerely,

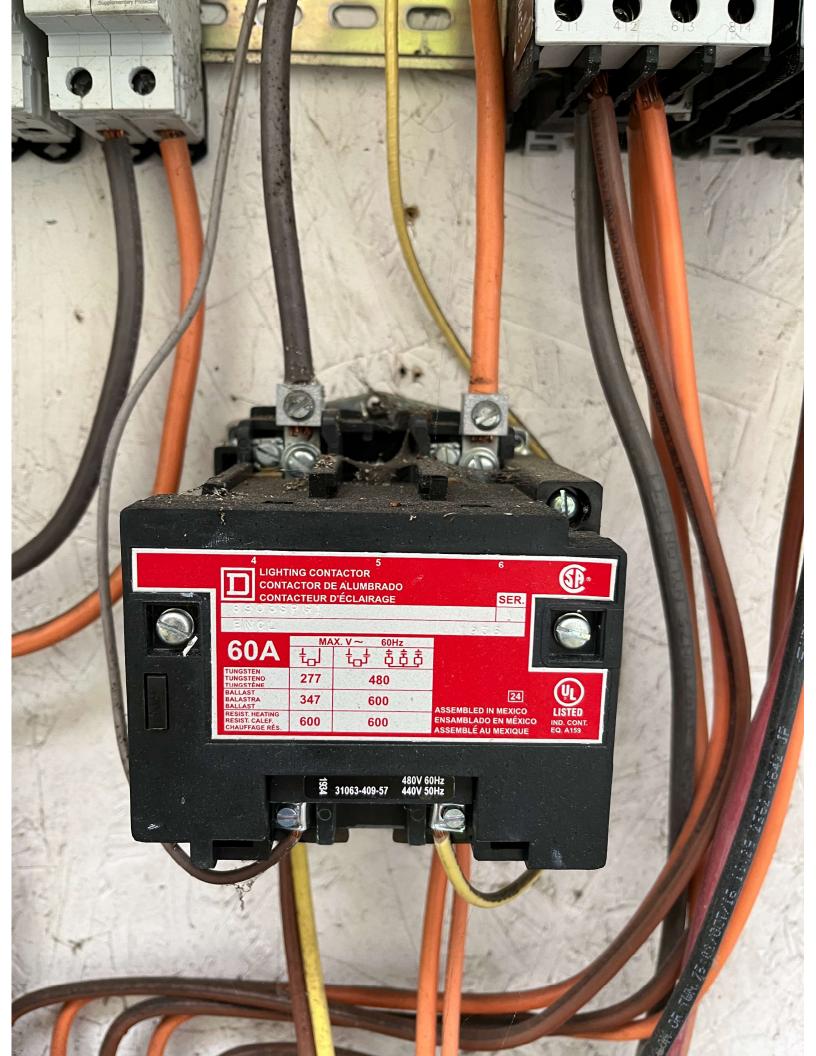
George M. A. Macdougall P.E. Contracts & Specifications Engineer

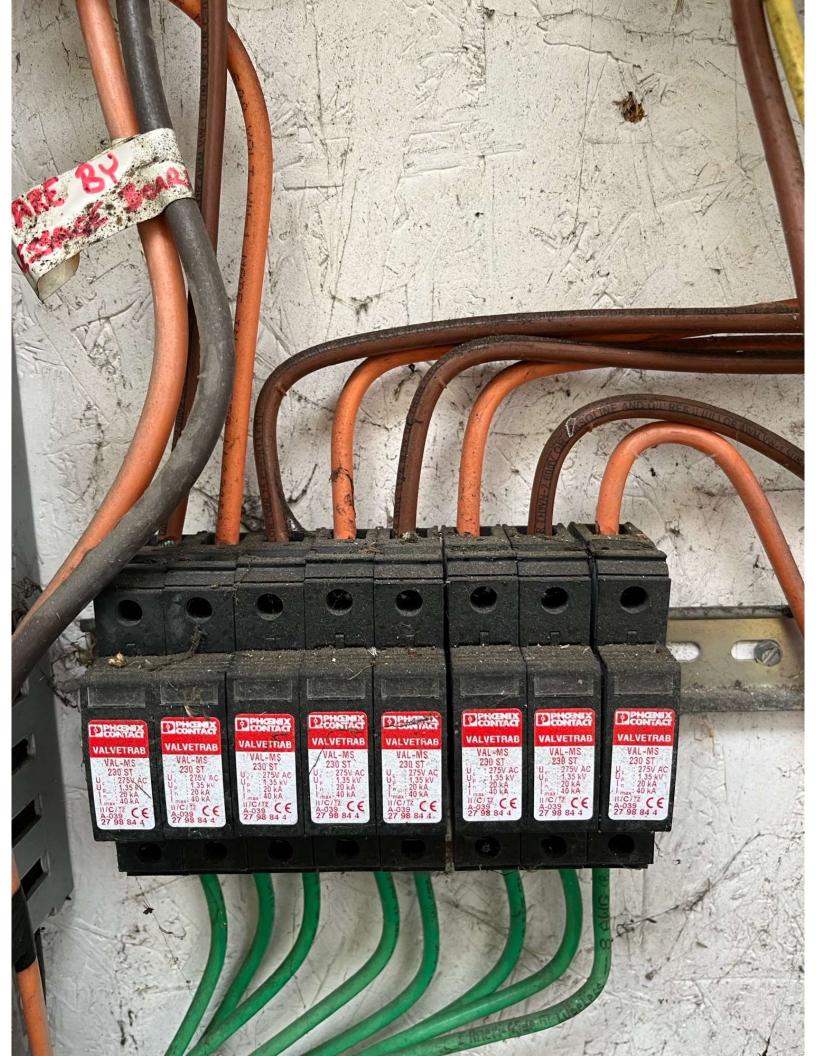
King Washingell

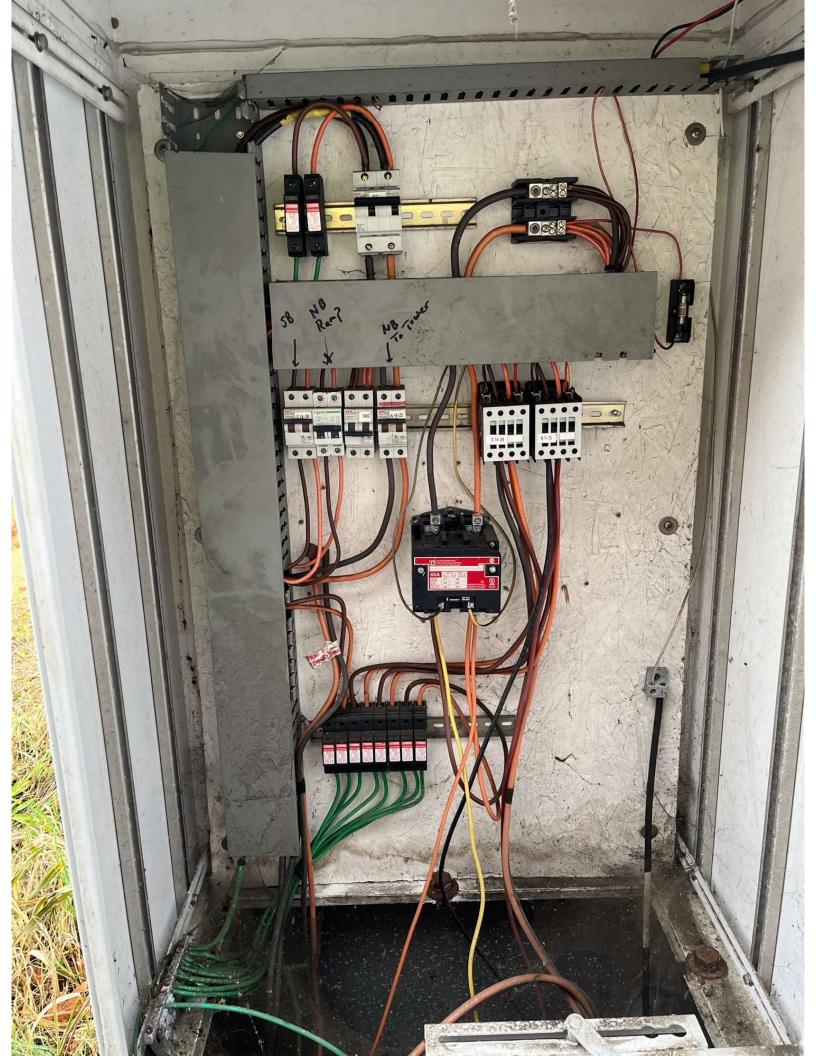












Proposal Schedule of Items

Page 1 of 13

Proposal ID: 012800.30 **Project(s)**: 012800.30, 022258.00, 024363.00

SECTION: 1 HIGHWAY ITEMS

Alt Set ID: Alt Mbr ID:

Proposal Line			Unit Price	Bid Amount
Number	Description	Quantity and Units	Dollars Cents	Dollars Cents
0010	202.10 REMOVING EXISTING SUPERSTRUCTURE (PROPERTY OF CONTRACTOR)	LUMP SUM	LUMP SUM	
0020	202.13 REMOVING EXISTING RAILINGS (RETAINED BY DEPARTMENT)	1,046.000 LF		
0030	202.15 REMOVING EXISTING MANHOLE OR CATCH BASIN	5.000 EA		!
0040	202.17 REMOVING EXISTING STRUCTURAL CONCRETE	LUMP SUM	LUMPSUM	!
0050	202.202 REMOVING PAVEMENT SURFACE	2,400.000 SY	<u> </u>	!
0060	203.20 COMMON EXCAVATION	4,589.000 CY	<u> </u>	!
0070	203.25 GRANULAR BORROW	80.000 CY	<u> </u>	!
080	206.07 STRUCTURAL ROCK EXCAVATION - DRAINAGE AND MINOR STRUCTURES	10.000 CY		!
0090	206.082 STRUCTURAL EARTH EXCAVATION - MAJOR STRUCTURES	80.000 CY		
0100	304.10 AGGREGATE SUBBASE COURSE - GRAVEL	3,680.000 CY		!
0110	403.2071 19 MM POLYMER MODIFIED HOT MIX ASPHALT	1,114.000 T		

Proposal Schedule of Items

Page 2 of 13

Project(s): 012800.30, 022258.00, 024363.00

Proposal ID: 012800.30

SECTION: 1 HIGHWAY ITEMS

Alt Set ID: Alt Mbr ID:

Proposal Line	Item ID	Approximate	Unit Price	Bid Amount	
Number	Description	Quantity and Units	Dollars Cents	Dollars Cents	
0120	403.2084 12.5 MM HIGHLY MODIFIED ASPHALT PAVEMENT (HIMAP)	947.000 T			
0130	403.209 HOT MIX ASPHALT 9.5 MM (SIDEWALKS, DRIVES, INCIDENTALS)	93.000 T			
0140	403.2111 9.5 MM POLYMER MODIFIED HMA (SHIM)	140.000 T		!	
0150	403.2131 12.5 MM POLYMER MODIFIED HMA BASE	1,209.000 T	!	!	
0160	409.15 BITUMINOUS TACK COAT - APPLIED	694.000 G	<u></u> !	!	
0170	461.131 TEMPORARY PAVEMENT	33.000 T		!	
0180	502.219 STRUCTURAL CONCRETE, ABUTMENTS AND RETAINING WALLS	LUMP SUM	LUMPSUM		
0190	502.23 STRUCTURAL CONCRETE PIERS	50.000 CY		<u></u> !	
0200	502.26 STRUCTURAL CONCRETE ROADWAY AND SIDEWALK SLABS ON STEEL BRIDGES	LUMP SUM	LUMP SUM	!	
0210	502.49 STRUCTURAL CONCRETE CURBS AND SIDEWALKS	LUMP SUM	LUMP SUM		
0220	502.77 FIBER REINFORCED POLYMER BRIDGE DRAIN - TYPE: E	8.000 EA			

Proposal Schedule of Items

Page 3 of 13

Proposal ID: 012800.30 **Project(s):** 012800.30, 022258.00, 024363.00

SECTION: 1 HIGHWAY ITEMS

Alt Set ID: Alt Mbr ID:

Proposal Line	Item ID	Approximate	Unit Price Dollars Cents	Approximate	Bid Amount
Number	Description	Quantity and Units	Dollars Cents	Dollars Cents	
0230	503.12 REINFORCING STEEL, FABRICATED AND DELIVERED	221,500.000 LB			
0240	503.13 REINFORCING STEEL, PLACING	221,700.000 LB	<u> </u>		
0250	503.17 MECHANICAL WELDED SPLICE	2,062.000 EA	<u> </u>		
0260	503.19 LOW-CARBON, CHROMIUM REINFORCEMENT - FABRICATED & DELIVERED	31,400.000 LB	!	!	
0270	503.20 LOW-CARBON, CHROMIUM REINFORCEMENT - PLACING	31,400.000 LB			
0280	505.08 SHEAR CONNECTORS	LUMP SUM	LUMP SUM		
0290	507.0821 STEEL BRIDGE RAILING, 3 BAR	LUMP SUM	LUMP SUM		
0300	507.0822 STEEL APPROACH RAILING, 3-BAR	4.000 EA	<u> </u>	!	
0310	508.14 HIGH PERFORMANCE WATERPROOFING MEMBRANE	LUMP SUM	LUMPSUM	!	
0320	515.21 PROTECTIVE COATING FOR CONCRETE SURFACES	LUMP SUM	LUMPSUM	!	
0330	518.50 REPAIR OF UPWARD FACING SURFACES - TO REINFORCING STEEL < 8 IN.	154.000 SF		!	

Proposal Schedule of Items

Page 4 of 13

Project(s): 012800.30, 022258.00, 024363.00

Proposal ID: 012800.30

HIGHWAY ITEMS

Alt Set ID: Alt Mbr ID:

Contractor:

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Price	Bid Amount
Number	Description	Quantity and Units	Dollars Cents	Dollars Cents
0340	518.60 REPAIR OF VERTICAL SURFACES < 8 IN.	862.000 SF	!	!
0350	518.70 REPAIR OF OVERHEAD SURFACES < 8 IN.	180.000 SF	<u></u> !	!
0360	518.80 CRACK REPAIR	51.000 LF		!
0370	520.21 EXPANSION DEVICE - GLAND SEAL	2.000 EA		<u></u> !
0380	523.301 REFURBISH & RESET FIXED BEARING	13.000 EA	!	!_
0390	523.52 BEARING INSTALLATION	7.000 EA	!	
0400	523.5402 LAMINATED ELASTOMERIC BEARINGS, EXPANSION	7.000 EA	!	
0410	524.301 TEMPORARY STRUCTURAL SUPPORT ABUTMENT NO. 1	LUMP SUM	LUMP SUM	!
0420	524.301 TEMPORARY STRUCTURAL SUPPORT DECK	LUMP SUM	LUMP SUM	!
0430	524.301 TEMPORARY STRUCTURAL SUPPORT PIER 3	LUMP SUM	LUMP SUM	!
0440	524.40 PROTECTIVE SHIELD	LUMP SUM	LUMP SUM	

Proposal Schedule of Items

Page 5 of 13

Proposal ID: 012800.30 **Project(s):** 012800.30, 022258.00, 024363.00

SECTION: 1 HIGHWAY ITEMS

Alt Set ID: Alt Mbr ID:

Proposal Line	Item ID	Approximate	Unit Price	Bid Amount	
Number	Description	Quantity and Units		Dollars Cents	
0450	526,301 PORTABLE CONCRETE BARRIER TYPE I	LUMP SUM	LUMPSUM	<u></u> !	
0460	526.304 PORTABLE CONCRETE BARRIER, ANCHORED TYPE 1	LUMP SUM	LUMPSUM	!	
0470	603.155 12 INCH REINFORCED CONCRETE PIPE CLASS III	50.000 LF	<u></u> !	!	
0480	603.159 12 INCH CULVERT PIPE OPTION III	44.000 LF			
0490	603.165 15 INCH REINFORCED CONCRETE PIPE CLASS III	45.000 LF	!	!	
0500	604.092 CATCH BASIN TYPE B1-C	10.000 EA			
0510	604.18 ADJUSTING MANHOLE OR CATCH BASIN TO GRADE	8.000 EA		!	
0520	604.262 CATCH BASIN TYPE B5-C	6.375 EA	!		
0530	605.09 6 INCH UNDERDRAIN TYPE B	920.000 LF			
0540	605.11 12 INCH UNDERDRAIN TYPE C	1,050.000 LF	<u></u> !		
0550	606.1301 31" W-BM GR, MID-WAY SPLICE-SGL FACED	1,400.000 LF			
0560	606.1305 31" W-BM GR, MID-WAY SPLICE FLARED TERMINAL	1.000 EA	!_	!	

Proposal Schedule of Items

Page 6 of 13

Proposal ID: 012800.30 **Project(s):** 012800.30, 022258.00, 024363.00

SECTION: 1 HIGHWAY ITEMS

Alt Set ID: Alt Mbr ID:

Proposal Line	Item ID	Approximate	Unit Price	Bid Amount
Number	Description	Quantity and Units	Dollars Cents	Dollars Cents
0570	606.1721 BRIDGE TRANSITION - TYPE 1	4.000 EA		
0580	606.259 ANCHORAGE ASSEMBLY	3.000 EA		
0590	606.353 REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	6.000 EA	<u> </u>	
0600	606.356 UNDERDRAIN DELINEATOR POST	6.000 EA		!
0610	606.65 GUARDRAIL THRIE BEAM - SINGLE RAIL	580.000 LF	<u> </u>	
0620	606.70 TRANSITION SECTION THRIE BEAM	2.000 EA		
0630	606.95 LOW MAINTENANCE/ SELF RESTORING CRASH CUSHION	1.000 EA	!	!
0640	607.181 CHAIN LINK FENCE - 8 FOOT HIGH SECURITY	224.000 LF	<u></u>	
0650	607.183 CHAIN LINK SNOW FENCE 33 INCH	LUMP SUM	LUMP SUM	
0660	607.24 REMOVE AND RESET FENCE	40.000 LF		
0670	609.11 VERTICAL CURB TYPE 1	20.000 LF		
0680	609.21 CONCRETE SLIPFORM CURB	670.000 LF		

Proposal Schedule of Items

Page 7 of 13

Proposal ID: 012800.30

Project(s): 012800.30, 022258.00, 024363.00

SECTION: 1

HIGHWAY ITEMS

Alt Set ID:

Alt Mbr ID:

Proposal Line	Item ID	Approximate	Unit Price	Bid Amount
Number	Description	Quantity and Units	Dollars Cents	Dollars Cents
0690	609.234 TERMINAL CURB TYPE 1 - 4 FOOT	4.000 EA		
0700	609.38 RESET CURB TYPE 1	2,300.000 LF	!	!
0710	609.40 RESET CURB TYPE 5	800.000 LF		!
0720	610.08 PLAIN RIPRAP	24.000 CY		
0730	613.319 EROSION CONTROL BLANKET	200.000 SY	<u> </u>	
0740	615.07 LOAM	190.000 CY		!
0750	618.14 SEEDING METHOD NUMBER 2	30.000 UN		!
0760	619.12 MULCH	30.000 UN		!
0770	620.58 EROSION CONTROL GEOTEXTILE	25.000 SY		!
0780	626.11 PRECAST CONCRETE JUNCTION BOX	40.000 EA	<u></u> j	!
0790	626.21 METALLIC CONDUIT	90.000 LF	!	!
0800	626.22 NON-METALLIC CONDUIT	11,450.000 LF	<u></u> !	<u></u> !

Proposal Schedule of Items

Page 8 of 13

Proposal ID: 012800.30 **Project(s):** 012800.30, 022258.00, 024363.00

SECTION: 1 HIGHWAY ITEMS

Alt Set ID: Alt Mbr ID:

Proposal Line	Item ID	Approximate	Unit Price	Bid Amount
Number	Description	Quantity and Units	Dollars Cents	Dollars Cents
0810	626.251 NON-METALLIC UNDER PAVEMENT CONDUIT (SCHEDULE 80 OR GREATER RATING)	850.000 LF		<u> </u>
0820	626.35 CONTROLLER CABINET FOUNDATION	1.000 EA	<u></u> !	!
0830	626.36 REMOVE OR MODIFY CONCRETE FOUNDATION	46.000 EA	<u></u> į	
0840	626.38 GROUND MOUNTED CABINET FOUNDATION	1.000 EA	<u> </u>	!
0850	626.421 24 INCH DIAMETER FOUNDATION	140.000 LF	<u> </u>	!
0860	626.44 36 INCH DIAMETER FOUNDATION	134.000 LF	<u> </u>	!
0870	626.46 48 INCH DIAMETER FOUNDATION	107.000 LF	<u> </u>	!
0880	626.501 SPREAD FOOTING FOUNDATION	15.000 CY	!	!
0890	627.18 12 " SOLID WHITE PAVEMENT MARKING	1,200.000 LF	<u> </u>	<u> </u>
0900	627,744 6" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	9,900.000 LF		!
0910	627.75 WHITE OR YELLOW PAVEMENT & CURB MARKING	490.000 SF	!	!

Proposal Schedule of Items

Page 9 of 13

Proposal ID: 012800.30 **Project(s):** 012800.30, 022258.00, 024363.00

SECTION: 1 HIGHWAY ITEMS

Alt Set ID: Alt Mbr ID:

Proposal Line		Approximate	Unit Price	Bid Amount
Number	Description	Quantity and Units	Dollars Cents	Dollars Cents
0920	627.78 TEMPORARY 4 INCH PAINTED PAVEMENT MARKING LINE, WHITE OR YELLOW	14,900.000 LF		
0930	629.05 HAND LABOR, STRAIGHT TIME	60.000 HR		
0940	631.12 ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	20.000 HR	<u></u> !	!
0950	631.13 BULLDOZER (INCLUDING OPERATOR)	20.000 HR	<u> </u>	<u></u> !
0960	631.171 TRUCK - SMALL (INCLUDING OPERATOR)	10.000 HR	!	!
0970	631.172 TRUCK - LARGE (INCLUDING OPERATOR)	20.000 HR	<u></u> į	!
0980	631.18 CHAIN SAW RENTAL (INCLUDING OPERATOR)	10.000 HR	<u></u> į	!
0990	631.22 FRONT END LOADER (INCLUDING OPERATOR)	20.000 HR	<u> </u>	!
1000	631.32 CULVERT CLEANER (INCLUDING OPERATOR)	20.000 HR	!	!
1010	634.160 HIGHWAY LIGHTING	LUMP SUM	LUMP SUM	!
1020	634.164 LUMINAIRES FOR HIGH MAST LIGHTING	29.000 EA	!_	

Proposal Schedule of Items

Page 10 of 13

Proposal ID: 012800.30 **Project(s):** 012800.30, 022258.00, 024363.00

SECTION: 1 HIGHWAY ITEMS

Alt Set ID: Alt Mbr ID:

Proposal Line	. Item ID Approximate	Unit Price	Bid Amount	
Number	Description	Quantity and Units	Dollars Cents	Dollars Cents
1030	634.2042 LED LUMINARIES	44.000 EA	<u> </u>	
1040	634.207 HIGH MAST LIGHT STANDARD	8.000 EA	<u> </u>	!
1050	634.210 CONVENTIONAL LIGHT STANDARD	41.000 EA	<u> </u>	!
1060	634.762 VIDEO CAMERA SYSTEM	LUMP SUM	LUMP SUM	
1070	639.18 FIELD OFFICE TYPE A	1.000 EA	<u> </u>	!
1080	643.21 NON-INVASIVE DETECTION - STOP LINE: STOP LINE	LUMP SUM	LUMPSUM	!
1090	643.22 NON-INVASIVE DETECTION - ADVANCE: ADVANCE	LUMP SUM	LUMP SUM	!
1100	643.80 TRAFFIC SIGNALS AT SP-6 AND ROUTE 1/SP-4	LUMP SUM	LUMP SUM	!
1110	643.91 MAST ARM POLE 25' AND 35' MAST ARMS	1.000 EA	<u>!</u>	
1120	643.91 MAST ARM POLE 30' MAST ARM	1.000 EA		<u> </u>
1130	643.97 WOOD POLES WITH GUYS AND SPAN WIRE	1.000 EA	!	
1140	645.103 DEMOUNT GUIDE SIGN	5.000 EA	<u> </u>	!

Proposal Schedule of Items

Page 11 of 13

Proposal ID: 012800.30 **Project(s):** 012800.30, 022258.00, 024363.00

SECTION: 1 HIGHWAY ITEMS

Alt Set ID: Alt Mbr ID:

Proposal Line	Item ID	Approximate	Unit Price	Bid Amount	
Number	Description	Quantity and Units	Dollars Cents	Dollars Cents	
1150	645.106 DEMOUNT REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGN	8.000 EA	<u></u>	<u>_</u>	
1160	645.108 DEMOUNT POLE	10.000 EA	!	!	
1170	645.113 REINSTALL GUIDE SIGN	1.000 EA		!	
1180	645.116 REINSTALL REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGN	7.000 EA	!	<u>i</u>	
1190	645.118 REINSTALL POLE	9.000 EA	<u> </u>	<u>!</u>	
1200	645.12 OVERHEAD GUIDE SIGN: STA 22+30	LUMP SUM	LUMP SUM	<u>!</u>	
1210	645.251 ROADSIDE GUIDE SIGNS, TYPE I	470.000 SF	<u> </u>	!	
1220	645.289 STEEL H-BEAM POLES	170.000 LB	<u></u> !		
1230	645.292 REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGNS TYPE II	160.000 SF	<u> </u>		
1240	645.305 SIGN MOUNTED BEACON ARRAY	LUMP SUM	LUMP SUM	!	
1250	652.30 FLASHING ARROW BOARD	4.000 EA	<u> </u>		
1260	652.312 TYPE III BARRICADE	10.000 EA	<u></u> !		

Proposal Schedule of Items

Page 12 of 13

Proposal ID: 012800.30

Project(s): 012800.30, 022258.00, 024363.00

SECTION: 1

HIGHWAY ITEMS

Alt Set ID:

Alt Mbr ID:

Proposal Line	Item ID	Approximate	Unit Price	Bid Amount
Number	Description	Quantity and Units	Dollars Cents	Dollars Cents
1270	652.33 DRUM	220.000 EA	!	<u>.</u>
1280	652.34 CONE	145.000 EA	!	
1290	652.35 CONSTRUCTION SIGNS	900.000 SF	<u> </u>	
1300	652.361 MAINTENANCE OF TRAFFIC CONTROL DEVICES	LUMP SUM	LUMPSUM	<u> </u>
1310	652.37 WARNING LIGHTS	1.000 GP		!
1320	652.38 FLAGGER	1,800.000 HR		
1330	652.381 TRAFFIC OFFICER	16.000 HR		!
1340	652.41 PORTABLE CHANGEABLE MESSAGE SIGN	6.000 EA	!	!
1350	654.351 CONNECTED ROADSIDE UNIT (RSU)	1.000 EA	<u> </u>	
1360	656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LUMP SUM	LUMP SUM	!
1370	658.20 ACRYLIC LATEX COLOR FINISH, GREEN	900.000 SY	!	!
1380	659.10 MOBILIZATION	LUMP SUM	LUMPSUM	

Proposal Schedule of Items Page 13 of 13 Proposal ID: 012800.30 Project(s): 012800.30, 022258.00, 024363.00 SECTION: 1 HIGHWAY ITEMS

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1390	660.21 ON-THE-JOB TRAINING (BID)	1,000.000 HR				<u> </u>
1400	910.301 SPECIAL WORK AERIAL UTILITY LINES	LUMP SUM	LUI	MP SUM		<u> </u> :
	Section: 1		Total:			[
			Total Bi	d:		ļ