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

Janet T. Mills
GOVERNOR

Bruce A. Van Note
COMMISSIONER

October 30, 2020
Subject: Veranda Street Bridge Replacement, CNRR Crossing Bridge Rehabilitation & Interstate 95 over Washington Avenue Bridge Rehabilitation
State WINs: 021745.00, 023545.00 & 023615.03
Location: **Portland**
Amendment No. 3

Dear Sir/Ms.:

Please make the following changes to the Bid Documents:

In the Bid Book:

REMOVE Proposal Schedule of Items from Amendment No. 1, 22 pages, dated 10/19/2020, and **REPLACE** with the attached, revised Proposal Schedule of Items, 22 pages, dated 10/28/2020.

In the Plan Set:

WIN: 21745.00, on SHEET NUMBER 3 OF 220, ESTIMATED QUANTITIES, **CHANGE** "Item 643.91 Mast Arm Pole 45' Mast Arm" to read "**Item 643.91 Mast Arm Pole 55-foot Mast Arm**". Make this change in pen and ink.

WIN: 21745.00, on SHEET NUMBER 3 OF 220, ESTIMATED QUANTITIES, **CHANGE** "Item 643.94 Dual Purpose Pole – 55' Mast Arm and Luminaire Arm" to read "**Item 643.94 Dual Purpose Pole – 45-foot Mast Arm and Luminaire Arm**". Make this change in pen and ink.

WIN: 21745.00, on SHEET NUMBER 157 OF 220, VERANDA STREET SIGNAL NOTES, under Equipment and Work Items, **CHANGE** "Furnish/install dual purpose pole w/55-foot mast arm, 12-foot luminaire arm and foundation." to read "**Furnish/install pole w/55 -foot mast arm and foundation.**" Make this change in pen and ink.

WIN: 21745.00, on SHEET NUMBER 157 OF 220, VERANDA STREET SIGNAL NOTES, under Equipment and Work Items, **CHANGE** "Furnish/install pole with 45 foot mast arm, 12 foot luminaire arm and foundation." to read "**Furnish/install dual purpose pole with 55-foot mast arm, 12-foot luminaire arm and foundation**." Make this change in pen and ink.

WIN: 21745.00, on SHEET NUMBER 204 OF 220, SUPERSTRUCTURE DETAILS**, CHANGE** Note 2 which begins "2. Synthetic Compressible Inclusion shall be in accordance…" to read "**2. Synthetic Compressible Inclusion shall conform to ASTM designation D1752, Type 1 (with compression requirement modified to be 25 psi or less) or ASTM D5249, Type 2. Products such as 'Ceramar', manufactured by W.R. Meadows, or an approved equal, will be acceptable.**" Make this change in pen and ink.

The following questions have been received:

Question: SP501 Micropile - 501.02 Materials - States that Buy America provision apply to the Mill Secondary casing. Mill secondary casing material can only be traced to an estimated destination of origin. We can offer a letter from our supplier stating the material is domestic. Will this suffice to meet Buy America? If not please confirm that Prime Casing with Mill certs is required.

Response: Mill Secondaries meeting the requirements of Buy America, Standard Specification 105.11 - Other Federal Requirements, are allowed. Written certifications shall be submitted to the Resident for approval. Please refer to subsection 501.02 Materials within Special Provision 501 – Micropile for more information on Permanent Steel Casing.

Question: Will a bid item be added for the proposed 55' mast arm at the intersection of Veranda St & I295 SB On Ramp?

Response: The 55-foot mast arm at the intersection of Veranda St. and the I-295 SB On Ramp will be paid under Item No. 643.91, Mast Arm Pole 55-foot Mast Arm.

Question: The lighting plan notes call for the luminaires to be installed on the conventional light standards and mast arms with a 2" horizontal tenon. On page 157 of the plans the Equipment & Work Items state to Furnish/Install pole with 45' mast arm, 12' luminaire arm and foundation. Please confirm how the luminaires should be mounted, 2" tenon or 12' luminaire arm?

Response: The luminaires shall be mounted with a 2-inch diameter tenon that extends horizontally 12 feet.

Question: Please clarify Special Provision, Section 107, General Scope of Work, #4, A, "At the Contractor's option, the I-295 SB over Washington Avenue Bridge may be closed to traffic." When can the Washington Avenue Bridge be closed? Can it be closed nightly?

Response: I-295 SB over Washington Avenue Bridge may be closed to traffic during the 60-hour closure of I-295 for the Veranda St. Bridge move. Nighttime lane closures of I-295 SB over Washington Avenue Bridge are allowed as defined in the table in subsection 4a of SPECIAL PROVISION – SECTION 107 – GENERAL SCOPE OF WORK – (Work Times) – (Supplemental Liquidated Damages) for WINs: 23545.00 & 23615.03, please see this Special Provision for more information.

Question: Can the I-295 Southbound Washington Ave Bridge be fully be closed to traffic nightly? If it can be closed nightly, are there permitted days and times the bridge can be fully closed?

Response: See previous response.

Question: Please confirm only plain uncoated Grade 60 reinforcing steel is required for following 3 items. Precast median barriers, approach slabs, & sleeper slabs.

Response: For WIN 021745.00, Plain uncoated Grade 60 reinforcing steel is required for abutment footings, approach slabs and sleeper slabs. Precast median barriers require stainless steel. For WIN's 023545.00 & 023615.03, all reinforcing is uncoated Grade 60 reinforcing steel.

Question: On contract drawings sheet no. 195 of 220, Bearing Notes 2. specifies the elastomeric bearing pad to be vulcanized to the sole and masonry plate. The welded shear blocks could create difficulty in removing tooling from the bearing after molding. Is it allowable for only the sole plate to be vulcanized to the pad since there are anchor bolts passing through both the sole and masonry plates?

Response: For the fixed bearing detailed on Sheet 195, which has welded shear blocks, it is acceptable to only vulcanize the elastomeric bearing pad to the sole plate. For the expansion bearings drawn on Sheet 196, the elastomeric bearing pad shall be vulcanized to the sole plate and the bearing bolster plate.

Question: BI#503.13 Mechanical Splice: 1. Is the quantity of 1062 based on sets (ex. A510ss + A511ss, A512ss + A560ss, A533ss + A534ss) 2. Bar Mark A533ss quantity is 68 & Bar Mark A534ss quantity is 62. Should there be 3 more bar marks of 2 each to equal the total of Bar Mark A533ss

Response: 1. Yes, the quantity is based on sets; for example, the A510ss bar and A511ss bar, which are coupled together, will be paid as a single coupler. 2. The number of A553ss (68) and the number of A534ss (62) bars shown on the plans is correct. The A534ss bars are not required for the last three sets (near face and far face) at the short end of the wall and a mechanical splice is not required at that location.

Question: EMSEAL has determined that the DSM by EMSEAL product was incorrectly specified for the application it is to be used in. Requesting that a product change for the appropriate product for median barriers be reviewed and substituted. Appropriate product for this application is the BEJS System by EMSEAL.

Response: The BEJS System by EMSEAL may be substituted for DSM by EMSEAL.

Question: Special Provision page 101, Section 107.3.1 (Work Times) (Supplemental Liquidated Damages) indicates shim and surface pavement on I-295 cannot be placed until at least 5 months after base pavement is placed. We interpret this to mean traffic will transition to the base pavement elevation at the ends of the base pavement limits, and there is no temporary pavement layer to be installed and removed to carry traffic at the final elevation for that 5 months. Please confirm our understanding.

Response: The stated procedure is correct. Shim and surface pavement will be installed a minimum of 5 months after base pavement is placed. Traffic will transition from the base pavement elevation to the

existing surface pavement at the project limits. Temporary pavement ramps shall be installed at each end of the paving limits to transition between the two pavement elevations. Please see General Note 36.

Question: Special Provision page 128/129, Section 401 (Special Seasonal Limitations for Bridge Paving) indicates in several areas that infrared heater(s) may be required under certain conditions. The second to last paragraph indicates infrared heater(s) will be paid for by the Department under force account, receipted quote, with markup. We interpret this to mean that any possible requirement for heating relative to paving is paid for as specified; and this applies to all possible needs for heating as specified and that there are no incidental heating requirements relative to paving. Please confirm our understanding.

Response: The Department will require infrared heating for any pavement placed outside of seasonal limitations, in adverse conditions not permitted per specifications, or as directed by the Department. The cost of infrared heating will be paid by the Department as defined in Special Provision 401 – Hot Mix Asphalt, Special Seasonal Limitations for Bridge Paving.

Question: Special Provision page 128/129, Section 401 (Special Seasonal Limitations for Bridge Paving) indicates specific temperature parameters and dates relative to paving. We interpret the last paragraph of the section to mean that if the temperature parameters cannot be met during the prescribed work dates, the Department will allow paving to continue as needed to meet the schedule and the pavement will be tested in place by the Department to determine it is acceptable as a permanent product. If it is not, all removal and replacement and incidentals to this removal and replacement as needed will be paid for by the Department. I.e., there is no weather/temperature risk for the Contractor relative to pavement when placing pavement to meet the prescribed work dates. Please confirm our understanding.

Response: Item 461.131 Temporary Pavement is only to be used for the areas defined on the plans as temporary, or as directed by the Resident. All other pavement shall be inspected and tested as permanent pavement. If installed outside of the seasonal limitations and/or in adverse conditions as determined by the Department prior to installation, and it does not meet acceptance criteria, it shall be removed and paid for under the appropriate contract pavement placement and removal items, at the cost of the Department. The Department shall be responsible to assess the acceptance testing to determine whether the material can be left in-place.

Question: Will there be a designated area to stockpile the Geofoam prior to the construction of the North/South Approach?

Response: There is no area that is specifically designated for stockpiling the Geofoam. However, the Contractor may stockpile geofoam material within the project work area in an area approved by the Resident.

Question: Since the pavement for Item 461.131 will most likely have to come from out of State due to the time of year needed, will mix from out of State be allowed to be used for temporary pavement?

Response: Any pavement from a non MaineDOT approved plant will only be evaluated as temporary pavement. The Contractor may source their mix for any Temporary Pavement from any plant they choose, and it shall be removed in its entirety before any permanent pavement is installed. Temporary Pavement is only to be used for the areas defined as temporary, or as directed by the Resident.

Question: In Add #2 a question was asked about paving under the guardrail on 295 and it was stated to either remove the rail or modify the paver similarly to that used for the pavement safety edge detail. If the paver is modified in such a manner the outside edge of the pavement that is under the guardrail will not be able to be compacted and the roller will leave a ridge along the face of the guardrail. Is this acceptable to the MDOT?

Response: It is anticipated that a wedge device or similar apparatus would be used place to HMA mixes under the rail face and would be adjusted in a manner as to not require additional compaction under the rail. This approach was commonplace prior to allowing placement of surface mixes only to the face of rail.

Question: In reference to plan sheet 206; what is the diameter of the Schedule 40 Stainless Steel Pipe embedded in the precast approach slab?

Response: The Schedule 40 Stainless Steel Pipe shall be a nominal 4" diameter pipe.

Question: In reference to plan sheet 206 and Special Provision 534; the special provision calls for grouting the dowel bar connection between the backwall and approach slab, but the plans require a pipe sleeve cap which Note 7 states " The pipe sleeve cap must meet the following . . . not interfere with the movement between the pipe sleeve and the S605ss dowel bar. . . ", which indicates that the bars would not be grouted within the pipe. Please clarify whether the bars are grouted within the pipe or not?

Response: The S605ss bars shall not be grouted to the approach slabs. Note 4 on sheet 204 (Superstructure Details I) allows the bars to be drilled and grouted into the backwall instead of being the cast-in hooked bars shown on the plans.

Question: In reference to plan sheet 204, Note 2, which refers to a Special Provision 620 for a Synthetic Compressible Inclusion; is the 620-Drainage Geocomposite specification the correct material as this is the only 620 Special Provision?

Response: Note 2 on plan sheet 204 shall be changed to the following: "2. Synthetic Compressible Inclusion shall conform to ASTM designation D1752, Type 1 (with compression requirement modified to be 25 psi or less) or ASTM D5249, Type 2. Products such as 'Ceramar', manufactured by W.R. Meadows, or an approved equal, will be acceptable."

Consider these changes and information prior to submitting your bid on **November 4, 2020**.

Sincerely,

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

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 021745.00 **Project(s):** 021745.00, 023545.00, 023615.03

SECTION: 1 Project Items

Alt Set ID: **Alt Mbr ID:**

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price Dollars	 Cents	Bid Amount Dollars	 Cents
0010	201.23 REMOVING SINGLE TREE TOP ONLY	9.000 EA				
0020	201.24 REMOVING STUMP	9.000 EA				
0030	202.15 REMOVING EXISTING MANHOLE OR CATCH BASIN	24.000 EA				
0040	202.19 REMOVING EXISTING BRIDGE	 LUMP SUM	LUMP SUM			
0050	202.202 REMOVING PAVEMENT SURFACE	8,400.000 SY				
0060	203.20 COMMON EXCAVATION	15,792.000 CY				
0070	203.24 COMMON BORROW	3,050.000 CY				
0080	203.25 GRANULAR BORROW	4,480.000 CY				
0090	203.4339 GEOFOAM LIGHTWEIGHT FILL	9,100.000 CY				
0100	203.4539 LEVELING SAND	580.000 CY				
0110	206.082 STRUCTURAL EARTH EXCAVATION - MAJOR STRUCTURES	1,565.000 CY				
0120	304.10 AGGREGATE SUBBASE COURSE - GRAVEL	9,965.000 CY				

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 021745.00 **Project(s):** 021745.00, 023545.00, 023615.03

SECTION: 1 Project Items

Alt Set ID: **Alt Mbr ID:**

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price Dollars	 Cents	Bid Amount Dollars	 Cents
0130	403.207 HOT MIX ASPHALT 19.0 MM HMA	540.000 T				
0140	403.2081 12.5 MM POLYMER MODIFIED HOT MIX ASPHALT	1,720.000 T				
0150	403.209 HOT MIX ASPHALT 9.5 MM (SIDEWALKS, DRIVES, INCIDENTALS)	460.000 T				
0160	403.211 HOT MIX ASPHALT (SHIMMING)	57.000 T				
0170	403.213 HOT MIX ASPHALT 12.5 MM BASE	1,820.000 T				
0180	403.2131 12.5 MM POLYMER MODIFIED HMA BASE	1,430.000 T				
0190	409.15 BITUMINOUS TACK COAT - APPLIED	1,582.000 G				
0200	461.131 TEMPORARY PAVEMENT	325.000 T				
0210	501.222 MICROPILES	2,320.000 LF				
0220	501.2221 ABANDONED MICROPILES	210.000 LF				
0230	501.231 DYNAMIC LOADING TEST	4.000 EA				
0240	501.2331 MICROPILE VERIFICATION LOAD TEST	2.000 EA				

Proposal ID: 021745.00 **Project(s):** 021745.00, 023545.00, 023615.03

SECTION: 1 Project Items

Alt Set ID: **Alt Mbr ID:**

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price Dollars	 Cents	Bid Amount Dollars	 Cents
0250	501.2341 MICROPILE PROOF LOAD TEST	2.000 EA				
0260	501.50 STEEL H-BEAM PILES 89 LBS/FT, DELIVERED	3,850.000 LF				
0270	501.501 STEEL H-BEAM PILES 89 LBS/FT, IN PLACE	3,850.000 LF				
0280	501.804 DRILLING EQUIPMENT MOBILIZATION	LUMP SUM	LUMP SUM			
0290	501.90 PILE TIPS	35.000 EA				
0300	501.91 PILE SPLICES	111.000 EA				
0310	501.92 PILE DRIVING EQUIPMENT MOBILIZATION	LUMP SUM	LUMP SUM			
0320	502.219 STRUCTURAL CONCRETE, ABUTMENTS AND RETAINING WALLS	LUMP SUM	LUMP SUM			
0330	502.26 STRUCTURAL CONCRETE ROADWAY AND SIDEWALK SLABS ON STEEL BRIDGES	LUMP SUM	LUMP SUM			
0340	503.12 REINFORCING STEEL, FABRICATED AND DELIVERED	28,000.000 LB				
0350	503.13 REINFORCING STEEL, PLACING	28,000.000 LB				

Proposal ID: 021745.00 **Project(s):** 021745.00, 023545.00, 023615.03

SECTION: 1 Project Items

Alt Set ID: **Alt Mbr ID:**

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price Dollars	 Cents	Bid Amount Dollars	 Cents
0360	503.17 MECHANICAL WELDED SPLICE	1,062.000 EA				
0370	503.26 STAINLESS STEEL REINFORCEMENT - FABRICATED & DELIVERED	231,000.000 LB				
0380	503.27 STAINLESS STEEL REINFORCEMENT - PLACING	231,000.000 LB				
0390	504.702 STRUCTURAL STEEL FABRICATED AND DELIVERED, WELDED	LUMP SUM	LUMP SUM			
0400	504.71 STRUCTURAL STEEL ERECTION	LUMP SUM	LUMP SUM			
0410	505.08 SHEAR CONNECTORS	LUMP SUM	LUMP SUM			
0420	506.9104 THERMAL SPRAY COATING - SHOP APPLIED	LUMP SUM	LUMP SUM			
0430	508.14 HIGH PERFORMANCE WATERPROOFING MEMBRANE	LUMP SUM	LUMP SUM			
0440	515.21 PROTECTIVE COATING FOR CONCRETE SURFACES	LUMP SUM	LUMP SUM			
0450	519.60 EXPANSION DEVICE - ASPHALTIC PLUG JOINT	102.000 LF				
0460	520.223 ARMORLESS BRIDGE JOINT	LUMP SUM	LUMP SUM			

Proposal ID: 021745.00 **Project(s):** 021745.00, 023545.00, 023615.03

SECTION: 1 Project Items

Alt Set ID: **Alt Mbr ID:**

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price Dollars	 Cents	Bid Amount Dollars	 Cents
0470	523.52 BEARING INSTALLATION	24.000 EA				
0480	523.5401 LAMINATED ELASTOMERIC BEARINGS, FIXED	12.000 EA				
0490	523.5402 LAMINATED ELASTOMERIC BEARINGS, EXPANSION	12.000 EA				
0500	524.301 TEMPORARY STRUCTURAL SUPPORT	LUMP SUM	LUMP SUM			
0510	524.302 BRIDGE MOVEMENT SYSTEM	LUMP SUM	LUMP SUM			
0520	524.303 TEMPORARY STRUCTURAL SUPPORT, ABUTMENTS	LUMP SUM	LUMP SUM			
0530	524.40 PROTECTIVE SHIELD	LUMP SUM	LUMP SUM			
0540	526.301 TEMPORARY CONCRETE BARRIER TYPE I	LUMP SUM	LUMP SUM			
0550	526.301 TEMPORARY CONCRETE BARRIER TYPE I RET BY DEPT IN PLACE	LUMP SUM	LUMP SUM			
0560	526.331 PERMANENT CONCRETE BARRIER TYPE III B MODIFIED	LUMP SUM	LUMP SUM			
0570	526.502 PRECAST CONCRETE MEDIAN BARRIER	LUMP SUM	LUMP SUM			

Proposal ID: 021745.00 **Project(s):** 021745.00, 023545.00, 023615.03

SECTION: 1 Project Items

Alt Set ID: **Alt Mbr ID:**

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price Dollars	 Cents	Bid Amount Dollars	 Cents
0580	527.34 WORK ZONE CRASH CUSHIONS	5.000 UN				
0590	534.7601 PRECAST APPROACH SLAB	 LUMP SUM	 LUMP SUM			
0600	534.7611 PRECAST SLEEPER SLAB	 LUMP SUM	 LUMP SUM			
0610	602.302 LIGHT WEIGHT FOAM CONCRETE FILL	 LUMP SUM	 LUMP SUM			
0620	602.303 LIGHT WEIGHT FOAM CONCRETE DIST SLAB	 LUMP SUM	 LUMP SUM			
0630	603.151 12 INCH CORRUGATED METAL PIPE	8.000 LF				
0640	603.155 12 INCH REINFORCED CONCRETE PIPE CLASS III	72.000 LF				
0650	603.159 12 INCH CULVERT PIPE OPTION III	270.000 LF				
0660	603.169 15 INCH CULVERT PIPE OPTION III	69.000 LF				
0670	603.175 18 INCH REINFORCED CONCRETE PIPE CLASS III	48.000 LF				
0680	603.179 18 INCH CULVERT PIPE OPTION III	230.000 LF				
0690	603.195 24 INCH REINFORCED CONCRETE PIPE CLASS III	44.000 LF				

Proposal ID: 021745.00 **Project(s):** 021745.00, 023545.00, 023615.03

SECTION: 1 Project Items

Alt Set ID: **Alt Mbr ID:**

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0700	603.199 24 INCH CULVERT PIPE OPTION III	10.000 LF				
0710	603.209 30 INCH CULVERT PIPE OPTION III	180.000 LF				
0720	604.071 CATCH BASIN TYPE A1-P	18.000 EA				
0730	604.072 CATCH BASIN TYPE A1-C	2.000 EA				
0740	604.076 60 INCH CATCH BASIN TYPE A1-C	4.000 EA				
0750	604.0761 60" CATCH BASIN TYPE A1-P	3.000 EA				
0760	604.0771 72" CATCH BASIN TYPE A1-P	2.000 EA				
0770	604.091 CATCH BASIN TYPE B1-P	7.000 EA				
0780	604.15 MANHOLE	2.000 EA				
0790	604.16 ALTERING CATCH BASIN TO MANHOLES	1.000 EA				
0800	604.164 REBUILDING CATCH BASIN	1.000 EA				
0810	604.18 ADJUSTING MANHOLE OR CATCH BASIN TO GRADE	12.000 EA				

Proposal ID: 021745.00 **Project(s):** 021745.00, 023545.00, 023615.03

SECTION: 1 Project Items

Alt Set ID: **Alt Mbr ID:**

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0820	604.221 18 INCH STORM WATER CHECK VALVE	2.000 EA				
0830	604.223 30 INCH STORM WATER CHECK VALVE	1.000 EA				
0840	604.2402 BEHIND CURB CATCH BASIN	5.000 EA				
0850	604.2403 SPECIAL BASIN	2.000 EA				
0860	604.244 CATCH BASIN TYPE F4	2.000 EA				
0870	604.2491 CATCH BASIN TYPE F-7	1.000 EA				
0880	605.09 6 INCH UNDERDRAIN TYPE B	1,750.000 LF				
0890	605.11 12 INCH UNDERDRAIN TYPE C	790.000 LF				
0900	605.12 15 INCH UNDERDRAIN TYPE C	45.000 LF				
0910	605.13 18 INCH UNDERDRAIN TYPE C	120.000 LF				
0920	605.15 24 INCH UNDERDRAIN TYPE C	350.000 LF				
0930	605.17 30 INCH UNDERDRAIN TYPE C	130.000 LF				

Proposal ID: 021745.00 **Project(s):** 021745.00, 023545.00, 023615.03

SECTION: 1 Project Items

Alt Set ID: **Alt Mbr ID:**

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price Dollars	 Cents	Bid Amount Dollars	 Cents
0940	606.1301 31” W-BM GR, MID-WAY SPLICE-SGL FACED	1,400.000 LF				
0950	606.1307 BRIDGE TRANSITION (ASYMMETRICAL) - TYPE 1A	4.000 EA				
0960	606.1309 31” W-BM GR, MID-WAY SPL 8' STL POST 8" OFFS BLK SGL FACE	180.000 LF				
0970	606.2593 ANCHORAGE ASSEMBLY, MIDWAY SPLICE	1.000 EA				
0980	606.353 REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	1.000 EA				
0990	606.356 UNDERDRAIN DELINEATOR POST	6.000 EA				
1000	607.173 CHAIN LINK FENCE - 6 FOOT PVC COATED	480.000 LF				
1010	607.35 BRACING ASSEMBLY CHAIN LINK FENCE PVC COATED	10.000 EA				
1020	608.08 REINFORCED CONCRETE SIDEWALK	140.000 SY				
1030	608.26 CURB RAMP DETECTABLE WARNING FIELD	230.000 SF				
1040	609.11 VERTICAL CURB TYPE 1	2,600.000 LF				

Proposal ID: 021745.00 **Project(s):** 021745.00, 023545.00, 023615.03

SECTION: 1 Project Items

Alt Set ID: **Alt Mbr ID:**

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price Dollars	 Cents	Bid Amount Dollars	 Cents
1050	609.12 VERTICAL CURB TYPE 1 - CIRCULAR	220.000 LF				
1060	609.23 TERMINAL CURB TYPE 1	73.000 EA				
1070	609.31 CURB TYPE 3	600.000 LF				
1080	609.38 RESET CURB TYPE 1	550.000 LF				
1090	610.08 PLAIN RIPRAP	34.000 CY				
1100	610.18 STONE DITCH PROTECTION	35.000 CY				
1110	613.319 EROSION CONTROL BLANKET	6,350.000 SY				
1120	615.07 LOAM	1,170.000 CY				
1130	615.086 LOAM/COMPOST MIX	200.000 CY				
1140	615.27 UNDERDRAIN SOIL FILTER	 LUMP SUM	 LUMP SUM			
1150	618.13 SEEDING METHOD NUMBER 1	25.000 UN				
1160	618.14 SEEDING METHOD NUMBER 2	123.000 UN				
1170	618.143 SPECIAL SEED MIX: WETLAND SEED MIX MOIST	8.000 UN				

Proposal ID: 021745.00 **Project(s):** 021745.00, 023545.00, 023615.03

SECTION: 1 Project Items

Alt Set ID: **Alt Mbr ID:**

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price Dollars	 Cents	Bid Amount Dollars	 Cents
1180	618.143 SPECIAL SEED MIX: WILDFLOWER POLINATORS	10.000 UN				
1190	619.12 MULCH	155.000 UN				
1200	619.13 BARK MULCH	25.000 CY				
1210	619.14 EROSION CONTROL MIX	50.000 CY				
1220	620.58 EROSION CONTROL GEOTEXTILE	170.000 SY				
1230	620.6012 HDPE GEOMEMBRANE	4,300.000 SY				
1240	620.66 DRAINAGE GEOCOMPOSITE	810.000 SY				
1250	621.019 EVERGREEN TREES (2 FOOT - 3 FOOT) GROUP A	36.000 EA				
1260	621.02 EVERGREEN TREES (2 FOOT - 3 FOOT) GROUP B	12.000 EA				
1270	621.025 EVERGREEN TREES (3 FOOT - 4 FOOT) GROUP A	6.000 EA				
1280	621.026 EVERGREEN TREES (3 FOOT - 4 FOOT) GROUP B	12.000 EA				
1290	621.027 EVERGREEN TREES (3 FOOT - 4 FOOT) GROUP C	12.000 EA				

Proposal ID: 021745.00 **Project(s):** 021745.00, 023545.00, 023615.03

SECTION: 1 Project Items

Alt Set ID: **Alt Mbr ID:**

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1300	621.032 EVERGREEN TREES (4 FOOT - 5 FOOT) GROUP B	12.000 EA				
1310	621.033 EVERGREEN TREES (4 FOOT - 5 FOOT) GROUP C	12.000 EA				
1320	621.038 EVERGREEN TREES (5 FOOT - 6 FOOT) GROUP B	40.000 EA				
1330	621.039 EVERGREEN TREES (5 FOOT - 6 FOOT) GROUP C	20.000 EA				
1340	621.044 EVERGREEN TREES (6 FOOT - 8 FOOT) GROUP B	18.000 EA				
1350	621.110 SMALL DECIDUOUS TREES (3 FOOT - 4 FOOT) GROUP A	35.000 EA				
1360	621.111 SMALL DECIDUOUS TREE (3 FOOT - 4 FOOT) GROUP B	36.000 EA				
1370	621.112 SMALL DECIDUOUS TREE (4 FOOT - 5 FOOT) GROUP A	40.000 EA				
1380	621.1121 MEDIUM DECIDUOUS TREE (4 FOOT - 5 FOOT) GROUP B	36.000 EA				
1390	621.12 SMALL DECIDUOUS TREES (5 FOOT - 6 FOOT) GROUP A	24.000 EA				

Proposal ID: 021745.00 **Project(s):** 021745.00, 023545.00, 023615.03

SECTION: 1 Project Items

Alt Set ID: **Alt Mbr ID:**

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1400	621.121 SMALL DECIDUOUS TREES (5 FOOT - 6 FOOT) GROUP B	12.000 EA				
1410	621.178 MEDIUM DECIDUOUS TREES (6 FOOT - 8 FOOT) GROUP A	12.000 EA				
1420	621.179 MEDIUM DECIDUOUS TREES (6 FOOT - 8 FOOT) GROUP B	24.000 EA				
1430	621.18 MEDIUM DECIDUOUS TREES (6 FOOT - 8 FOOT) GROUP C	7.000 EA				
1440	621.186 MEDIUM DECIDUOUS TREES (8 FOOT - 10 FOOT) GROUP C	24.000 EA				
1450	621.195 MEDIUM DECIDUOUS TREE (1.75 INCH - 2 INCH CALIPER) GROUP A	3.000 EA				
1460	621.197 MEDIUM DECIDUOUS TREE (1.75 INCH - 2 INCH CALIPER) GROUP C	10.000 EA				
1470	621.389 EVERGREENS (15 INCH - 18 INCH) GROUP A	36.000 EA				
1480	621.424 EVERGREEN SHRUBS 4 FOOT - 5 FOOT GROUP B	8.000 EA				
1490	621.450 EVERGREEN SHRUBS 5 FOOT - 6 FOOT GROUP A	50.000 EA				

Proposal ID: 021745.00 **Project(s):** 021745.00, 023545.00, 023615.03

SECTION: 1 Project Items

Alt Set ID: **Alt Mbr ID:**

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price Dollars	 Cents	Bid Amount Dollars	 Cents
1500	621.451 EVERGREEN SHRUBS 5 FOOT - 6 FOOT GROUP B	36.000 EA	_____	_____	_____	_____
1510	621.5351 DECIDUOUS SHRUBS (15 INCH - 18 INCH) GROUP A	24.000 EA	_____	_____	_____	_____
1520	621.54 DECIDUOUS SHRUBS (18 INCH - 24 INCH) GROUP A	54.000 EA	_____	_____	_____	_____
1530	621.546 DECIDUOUS SHRUBS (2 FOOT - 3 FOOT) GROUP A	24.000 EA	_____	_____	_____	_____
1540	621.554 DECIDUOUS SHRUBS (3 FOOT - 4 FOOT) GROUP C	12.000 EA	_____	_____	_____	_____
1550	621.558 DECIDUOUS SHRUBS (4 FOOT - 5 FOOT) GROUP A	50.000 EA	_____	_____	_____	_____
1560	621.80 ESTABLISHMENT PERIOD	 LUMP SUM	 LUMP SUM		_____	_____
1570	625.01 WATER LINE SYSTEM	 LUMP SUM	 LUMP SUM		_____	_____
1580	626.11 PRECAST CONCRETE JUNCTION BOX	30.000 EA	_____	_____	_____	_____
1590	626.21 METALLIC CONDUIT	80.000 LF	_____	_____	_____	_____
1600	626.22 NON-METALLIC CONDUIT	2,900.000 LF	_____	_____	_____	_____

Proposal ID: 021745.00 **Project(s):** 021745.00, 023545.00, 023615.03

SECTION: 1 Project Items

Alt Set ID: **Alt Mbr ID:**

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price Dollars	 Cents	Bid Amount Dollars	 Cents
1610	626.251 NON-METALLIC UNDER PAVEMENT CONDUIT (SCHEDULE 80 OR GREATER RATING)	150.000 LF				
1620	626.35 CONTROLLER CABINET FOUNDATION	1.000 EA				
1630	626.36 REMOVE OR MODIFY CONCRETE FOUNDATION	2.000 EA				
1640	626.411 18 INCH DIAMETER FOUNDATION	48.000 LF				
1650	626.43 30 INCH DIAMETER FOUNDATION	96.000 LF				
1660	626.46 48 INCH DIAMETER FOUNDATION	16.000 LF				
1670	626.48 60 INCH DIAMETER FOUNDATION	15.000 LF				
1680	627.733 4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	9,500.000 LF				
1690	627.744 6" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	9,500.000 LF				
1700	627.75 WHITE OR YELLOW PAVEMENT & CURB MARKING	2,350.000 SF				
1710	627.77 REMOVING PAVEMENT MARKINGS	1,400.000 SF				

Proposal ID: 021745.00 **Project(s):** 021745.00, 023545.00, 023615.03

SECTION: 1 Project Items

Alt Set ID: **Alt Mbr ID:**

Contractor: _____

Proposal Line Number	Item ID / Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1720	627.78 TEMPORARY 4 INCH PAINTED PAVEMENT MARKING LINE, WHITE OR YELLOW	8,400.000 LF	_____	_____	_____	_____
1730	629.05 HAND LABOR, STRAIGHT TIME	230.000 HR	_____	_____	_____	_____
1740	631.10 AIR COMPRESSOR (INCLUDING OPERATOR)	80.000 HR	_____	_____	_____	_____
1750	631.11 AIR TOOL (INCLUDING OPERATOR)	80.000 HR	_____	_____	_____	_____
1760	631.12 ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	220.000 HR	_____	_____	_____	_____
1770	631.14 GRADER (INCLUDING OPERATOR)	60.000 HR	_____	_____	_____	_____
1780	631.172 TRUCK - LARGE (INCLUDING OPERATOR)	220.000 HR	_____	_____	_____	_____
1790	631.22 FRONT END LOADER (INCLUDING OPERATOR)	70.000 HR	_____	_____	_____	_____
1800	631.32 CULVERT CLEANER (INCLUDING OPERATOR)	30.000 HR	_____	_____	_____	_____
1810	634.160 HIGHWAY LIGHTING	LUMP SUM	LUMP SUM		_____	_____
1820	634.2042 LED LUMINARIES	10.000 EA	_____	_____	_____	_____

Proposal ID: 021745.00 **Project(s):** 021745.00, 023545.00, 023615.03

SECTION: 1 Project Items

Alt Set ID: **Alt Mbr ID:**

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price Dollars	 Cents	Bid Amount Dollars	 Cents
1830	634.210 CONVENTIONAL LIGHT STANDARD	8.000 EA				
1840	639.18 FIELD OFFICE TYPE A	1.000 EA				
1850	643.62 RECTANGULAR RAPID FLASHING BEACON	4.000 EA				
1860	643.71 TRAFFIC SIGNAL MODIFICATION	LUMP SUM	LUMP SUM			
1870	643.72 TEMPORARY TRAFFIC SIGNAL	LUMP SUM	LUMP SUM			
1880	643.77 RADAR OPERATED SPEED SIGN	1.000 EA				
1890	643.80 TRAFFIC SIGNALS AT VERANDA ST / WORDSWORTH/ON RAMP/OFF RAMP	LUMP SUM	LUMP SUM			
1900	643.83 VIDEO DETECTION SYSTEM	LUMP SUM	LUMP SUM			
1910	643.90 INTERCONNECT WIRE BETWEEN	LUMP SUM	LUMP SUM			
1920	643.91 MAST ARM POLE 55 FT	1.000 EA				
1930	643.92 PEDESTAL POLE	8.000 EA				
1940	643.93 STRAIN POLE	1.000 EA				
1950	643.94 DUAL PURPOSE POLE 45 FT	1.000 EA				

Proposal ID: 021745.00 **Project(s):** 021745.00, 023545.00, 023615.03

SECTION: 1 Project Items

Alt Set ID: **Alt Mbr ID:**

Contractor: _____

Proposal Line Number	Item ID / Description	Approximate Quantity and Units	Unit Price Dollars	Unit Price Cents	Bid Amount Dollars	Bid Amount Cents
1960	645.103 DEMOUNT GUIDE SIGN	28.000 EA				
1970	645.106 DEMOUNT REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGN	79.000 EA				
1980	645.108 DEMOUNT POLE	44.000 EA				
1990	645.113 REINSTALL GUIDE SIGN	26.000 EA				
2000	645.116 REINSTALL REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGN	31.000 EA				
2010	645.118 REINSTALL POLE	17.000 EA				
2020	645.292 REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGNS TYPE II	120.000 SF				
2030	652.30 FLASHING ARROW BOARD	5.000 EA				
2040	652.312 TYPE III BARRICADE	30.000 EA				
2050	652.313 TEMPORARY PEDESTRIAN BARRICADE, ADA COMPLIANT	350.000 LF				
2060	652.33 DRUM	411.000 EA				

Proposal ID: 021745.00 **Project(s):** 021745.00, 023545.00, 023615.03

SECTION: 1 Project Items

Alt Set ID: **Alt Mbr ID:**

Contractor: _____

Proposal Line Number	Item ID / Description	Approximate Quantity and Units	Unit Price Dollars	Unit Price Cents	Bid Amount Dollars	Bid Amount Cents
2070	652.34 CONE	130.000 EA				
2080	652.35 CONSTRUCTION SIGNS	2,650.000 SF				
2090	652.361 MAINTENANCE OF TRAFFIC CONTROL DEVICES	LUMP SUM	LUMP SUM			
2100	652.38 FLAGGER	8,700.000 HR				
2110	652.381 TRAFFIC OFFICER	555.000 HR				
2120	652.41 PORTABLE CHANGEABLE MESSAGE SIGN	13.000 EA				
2130	653.22 2 INCH POLYSTYRENE PLASTIC INSULATION	27.000 SY				
2140	656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LUMP SUM	LUMP SUM			
2150	659.10 MOBILIZATION	LUMP SUM	LUMP SUM			
2160	660.21 ON-THE-JOB TRAINING (BID)	1,000.000 HR				
2170	803.01 TEST PITS	12.000 EA				
2180	812.162 ADJUSTING SEWER MANHOLE TO GRADE	11.000 EA				

Proposal ID: 021745.00 **Project(s):** 021745.00, 023545.00, 023615.03

SECTION: 1 Project Items

Alt Set ID: **Alt Mbr ID:**

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price Dollars	 Cents	Bid Amount Dollars	 Cents
2190	822.3225 6 INCH CLASS 52 DUCTILE IRON PIPE PUSH ON JOINT	50.000 LF				
2200	822.3405 8 INCH CLASS 52 DUCTILE IRON PIPE PUSH ON JOINT	230.000 LF				
2210	822.3605 12" CLASS 52 DUCTILE IRON PIPE PUSH ON JOINT	1,675.000 LF				
2220	823.31 12 INCH GATE VALVE	4.000 EA				
2230	823.3101 12" CUT-IN MJ GATE VALVE	1.000 EA				
2240	823.325 8 INCH GATE VALVE	7.000 EA				
2250	823.3250 8" CUT-IN MJ VALVE	1.000 EA				
2260	823.3254 8" INSERTION VALVE	1.000 EA				
2270	823.3310 6" CUT-IN MJ VALVE	2.000 EA				
2280	823.341 AIR RELEASE VALVE 1 INCH	4.000 EA				
2290	824.30 FIRE HYDRANT	3.000 EA				
2300	824.31 REMOVE FIRE HYDRANT	2.000 EA				

Proposal ID: 021745.00 **Project(s):** 021745.00, 023545.00, 023615.03

SECTION: 1 Project Items

Alt Set ID: **Alt Mbr ID:**

Contractor: _____

Proposal Line Number	Item ID / Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
2310	825.335 1" COPPER SERVICE - SHORTSIDE	2.000 EA				
2320	825.4341 1” COPPER SERVICE - LONGSIDE	9.000 EA				
2330	825.55 2 " WATER SERVICE - RECONNECT	1.000 EA				
2340	910.301 SPECIAL WORK CONC DUCT BANK	LUMP SUM	LUMP SUM			
2350	508.13 SHEET WATERPROOFING MEMBRANE	LUMP SUM	LUMP SUM			
2360	518.51 REPAIR OF UPWARD FACING SURFACES - BELOW REINFORCING STEEL < 8 IN.	20.000 SF				
2370	518.52 REPAIR OF UPWARD FACING SURFACES >= 8 IN.	1.000 CY				
2380	518.70 REPAIR OF OVERHEAD SURFACES < 8 IN.	125.000 SF				
2390	518.71 REPAIR OF OVERHEAD SURFACES >= 8 IN.	3.000 CY				
2400	520.243 BRIDGE JOINT MODIFICATION TYPE 3 WASHINGTON	2.000 EA				
2410	520.245 BRIDGE JOINT MODIFICATION TYPE 5 CNRR	4.000 EA				

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 021745.00 **Project(s):** 021745.00, 023545.00, 023615.03

SECTION: 1 Project Items

Alt Set ID: **Alt Mbr ID:**

Contractor: _____

Proposal Line Number	Item ID / Description	Approximate Quantity and Units	Unit Price Dollars	Unit Price Cents	Bid Amount Dollars	Bid Amount Cents
2420	523.312 CLEAN AND SEAL BEARING	40.000 EA				
2430	524.50 TEMPORARY ROADWAY MAT CNRR	1.000 EA				
2440	524.50 TEMPORARY ROADWAY MAT WASHINGTON	1.000 EA				
2450	526.503 PRECAST CONCRETE PIER PROTECTION BARRIER SYSTEM	LUMP SUM	LUMP SUM			
2460	527.33 TRUCK MOUNTED ATTENUATOR	2.000 EA				
2470	652.361 MAINTENANCE OF TRAFFIC CONTROL DEVICES CNRR	LUMP SUM	LUMP SUM			
2480	652.361 MAINTENANCE OF TRAFFIC CONTROL DEVICES WASHINGTON	LUMP SUM	LUMP SUM			
2490	652.46 SEQUENTIAL FLASHING WARNING LIGHTS	10.000 EA				

Section: 1 **Total:** _____

Total Bid: _____