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

Janet T. Mills
GOVERNOR

Bruce A. Van Note
COMMISSIONER

January 6, 2024
Subject: Construction of a breakwater
State WIN: 026824.00
Location: Lubec
Amendment No. 1

Dear Sir/Ms.:

The following questions have been received:

Question: Spec Section 501.06 states, "Rock Socket unit price shall include placement of the steel wide flange beam..." Bid Items are provided for W-Beam and H-Beam Sections, In-Place, which are to include the cost for placing these steel beams. Please confirm which bid items are to include the costs for placing these beams based on this discrepancy.

Response: Payment will be made for the rock socket, W-beam and H-beam, and concrete under the individual pay items provided in the schedule of items. If no pay item is provided for any work required, that work shall be considered incidental to related pay items.

Question: Spec Section 501 states, "The steel pipe piles shall be socketed into bedrock a minimum of 2 feet as indicated on the Plans," however, the plans do not show the pile are required to be seated a minimum of 2 feet into bedrock. Please advise if the 2 foot embedment is required.

Response: The intent is for the steel pipe piles to be seated adequately into bedrock such that an adequate seal is established. This is especially important for the battered piles. Developing an adequate seal will assure no leakage during the construction of the rock socket. The details on the drawings show the general intent, and not the full detail described.

Question: Spec Section 501.06 states, "Rock Socket unit price shall include placement of the steel wide flange beam and concrete placement." A Bid Item is provided for Pile Fill paid by the Cubic Yard. Is the intent to include the cost of concrete placement for the material inside the rock socket separate from the remaining tremie concrete within the pipe pile?

Response: Payment will be made for the rock socket, W-beam and H-beam, and concrete under the individual pay items provided in the schedule of items. If no pay item is provided for any work required, that work shall be considered incidental to related pay items.

Question: Det 1/S-226 shows the Steel Ring Plate Detail. Please provide the required thickness of the plate and length of the 1/2" diameter studs. (note: stud diameter is shown on precast pile cap drawings)

Response: The steel ring plate shall be 1/2" thick and the 1/2" studs shall be 4" long.

Question: Referring to drawing S-270, the profile is depicting pile on column lines C.1, D.1, and E.1. Drawings S-201 (Pile Plan) and S-230 (Pile Schedule) do not show any pile at these locations. Please confirm there is not intended to be pile at these locations.

Response: Correct, there are no piles at pile bent lines C.1, D.1 and E.1. Please refer to drawing S-201 for the pile locations.

Question: . Please confirm this angle is only required in precast concrete as shown and is not intended to be continuous thru the CIP Splice concrete shown S-227 2. Please clarify weld requirement at L5x5 to the embedded C10x20 shown on S-271 (abovementioned details); weld symbol indicates 3/8" size, a "Tack Weld" (ie no length or spacing) on angle toe, and has the "all-around" circle.
3. The embedded C10x20 that the L5x5 welds to on S-271 (abovementioned details) is intended to serve only as an erection aid for setting sheet pile.

Response: 1. The L5x5x1/2 embedded angle is required for both the precast and CIP pile cap splice for the temporary connection to the wave screen during construction.
2. This weld is required to help facilitate the construction and installation of the wave screen. The weld is meant to secure the wave screen in place prior to the permanent bolted/concrete connection is made. The tack welds shall be 2" in length spaced at 4". There is no official weld symbol for tack welds, however, we have typically included the circle, identical to the spot weld symbol, to identify tack welds. The circle is not placed at the intersection of the leader and the reference line, which would require the weld for all around.
3. Correct, the main purpose of the channel and angle connection is to serve as an erection aid for installing the sheet pile wave screen prior to final connections being made. However, although only a tack weld, it is providing additional structural capacity to the connection in the final condition as well.

Question: Referring to drawing S-220, core beams are shown with 1" studs. Please provide required length of studs for each core beam.

Response: The length of each 1" stud shall be 5".

Question: Has there been or will there be a pre-bid site visit to the Lubec Breakwater project? If so will you be posting an attendance list on the project web site?

Response: There will not be a pre-bid site visit. This project was designed using a Contractor Input Design (CID) process. Only contractors that participated in that process are prequalified to submit bids. Those contractors are: Prock Marine, Cianbro Corp., Reed & Reed, Inc.

Question: S-118 – S-118 implies that the contractor will potentially be responsible for grading soft organic silt displaced by the placement of breakwater stone. How will this be paid? It is recommended that 631 items be added to account for machine time associated with such work, as it will be performed at the direction of the department.

Response: Dwg S-118 provides additional quantities of stone due to the possible displacement of the soft organics at mudline, and potential long-term settlement resulting from consolidation of the underlying cohesive soils. Reprofiling of the soft sediments are considered incidental to the breakwater stone placement operations.

Question: 832.01 – Please clarify the planned construction sequence and anticipated wait times associated with settlement. S-118 implies that each layer of the breakwater mound (core stone, underlayer stone, and finally armor stone) will be completed and a possible wait time prior to the placement of the subsequent layer. "Wait times between each stage may be varied based on monitoring instrumentation data results. Such decisions will be made by the resident." Is it possible to add underlayer stones and armor stone to the outsides of the breakwater as construction progresses up and out or will there be wait periods, and if so how long? How is the contractor supposed to be responsible for storm damage if they cannot protect finished core stone with the armor layers?

Response: Please refer to the Subsurface Geotechnical Investigation Report, specifically Sections 9.1.1 and 9.1.2, addressing the breakwater stability and expected settlements. The details provided in the referenced report are much more detailed than what is provided on the drawings. Note that the settlement in some portions of the breakwater are expected to be much larger than other areas, specifically the initial portion from the shoreline is expected to have the highest settlements. The Contractor is expected to review the provided information and plan his operation accordingly. The fact that the farther offshore end of the breakwater is expected to experience smaller settlement magnitudes should be helpful to the Contractor in planning his operation.

Question: 610.17 – Please confirm the measurement and payment for 610.17 armor stone. Specifications show the pay unit as cubic yard, however the schedule of items in the bid form lists tons.

Response: The estimate quantity provided is CY, only the pay unit is being corrected on the attached. Please **DELETE** the Schedule of Items provided in the contract book and **REPLACE** it with the attached Schedule of Items.

Question: 610.08 – Would a combination of hand and excavator operated rtk-dgps survey be acceptable in lieu of the specified multi beam echo sounder instrument/crane deployed sounding ball system? Traditional hand held gps rovers would be used to record all survey data points above low tide. Gps outfitted equipment such as excavators would be used for the portion located below low tide (approximately 15' at the deepest location below low tide. Long stick excavators to be used if needed). Similar to the overlap requirements of the multi beam echo sounder/crane deployed sounding ball, the hand held gps rover and gps excavator surveys can overlap to ensure consistency between the two methods. Both handheld gps rovers and gps outfitted excavators are well within the tolerances outlined in section 610. There would be significant project costs associated with employing a multi beam echo sounder instrument for the project. The current crane deployed sounding ball portion of the spec ifications would require upwards of 10,000 sounding locations per layer based on the 5'x2' grid spacing, this too would result in significant project costs compared to gps methods.

Response: It is acceptable to proceed with rtk-dgps as long as the tolerances are within prescribed limits.

Question: 610.05 – Please confirm the frequency of testing for each grading. 610.037 states monthly, 610.063 states weekly, and 610.07 states every 15,000 tons.

Response: Contractor shall prepare mass distribution curves every 15,000 US Tons and submit them to the resident engineer on a monthly basis for approval. If more than 15,000 US Tons are placed in a month, the report would capture multiple gradation curves. If less than 15,000 US Tons, the report would have a single gradation curve for each of the heavy gradation items.

Question: 610.05 – Please confirm that automated scales on an excavator or loader would be acceptable for determining mass distribution on heavy gradings. Quarry locations will most likely not be equipped with scales without adding substantial cost to the project.

Response: This is acceptable.

Question: 610.05 – Please confirm that 610.16 (heavy riprap) and 610.17 (armor stone) will be the only materials subject to mass distribution grading as outlined in circa c683. It is our understanding that such testing requires weighing of individual stones in each sample. Rock grading requirements (i.e. ELL, NLL, NUL, EUL) were only provided for 610.16 and 610.17 materials. It is assumed that grading of 610.08 (plain rip rap) will be visual as is customary on MDOT projects. Smaller gradings for 610.18, 411.09, and 304.10 can be performed with traditional grain size laboratory tests.

Response: This is acceptable.

Question: 610.05 – Will the onsite inspection team and the contractor be working together at the quarry location to confirm grading requirements of 610.08, 610.16, 610.17? Transportation of such gradings to the AL (Authorized Laboratory) is not practical. It is assumed that the inspection team and contractor will work together to inspect conformance with grading requirements.

Response: The on-site inspection team and the contractor can work together at the quarry to conduct the requisite tests. However, it is imperative that the quarry has all the listed tests available and to the inspection team's satisfaction. It is required that all of the testing conducted at the quarry location be available to the inspection team. The contractor shall maintain a log of all the required tests for each quarry location and provide copies to the Resident on a weekly basis, throughout the duration of the work.

Question: 610.0424 – There are no established quarries in the area of the project. Section 610.0424 states that a detailed quarry evaluation following CIRIA C683 needs to be performed. Including an authorized geologist signed quarry plan and 3-dimensional analysis. Such preconstruction work will be costly and more importantly time consuming. If various test results are in conformance with 610.06 and the quarry operations are in accordance with relevant authorities, is such preconstruction survey work required? Maine DOT projects often require large aggregate extraction activities without such preconstruction requirements at the source site. If such preconstruction surveys are required, construction schedules may be significantly impacted.

Response: If the rocks are sourced from an existing quarry with the requisite licenses and approvals, pre-construction surveys can be waived. However, if a new/dormant quarry is to be operated, the preconstruction surveys specified need to be carried out.

Question: 610.0414 – It is our understanding that the state will be looking for weigh slips on every load of material delivered to the site. There are no established quarries in the area of the project, therefore a new quarry will most likely be established for the project. Installation of a scale system would increase project costs significantly. Because measurement and payment for rock is by the cubic yard (see RFI pertaining to 610.16 M&P below), please confirm that weigh slips for each load of material will not be required.

Response: Each load of rock shall be weighed in accordance with the contract documents. Weighing of rock may either be completed at the quarry or using an alternative location. Other means of weighing rock delivered to the site may be proposed by the contractor. These weights will be used to determine the placement and packing densities (610.034).

Question: 610.035 – The specifications make multiple references to repairing or reworking material that has been dislodged or contaminated with material due to storms. Would the department considered using force account items to pay for such repair work when damage is out of the hands of the contractor. We recommend that 631 items be added to the schedule of values to account for the possible costs of such repairs. The use of force account items would accurately capture the costs of such repairs rather than have contractors carry large contingencies.

Response: It is the contractor's responsibility to plan and maintain all work until project completion. MaineDOT Standard Specification, Section 106.9 Warranty Provisions, shall apply after project completion and acceptance.

Question: 610.0331 – Please confirm the payment quantity for core and armor materials are in place measurements and do not include additional volume anticipated due to settlement and displacement of underlying soils as outlined in 610.0331. It is assumed that the volumes outlined in 610.0331 should be considered in addition to the in place measurement.

Response: Yes, the volumes outlined in 610.0331 should be considered in addition to the in-place measurement. The estimated quantities have already factored in the anticipated additional quantities.

Question: Will Versant will supply their own pad mount transformer concrete vault, or are we responsible for that?

Response: The transformer will be pole-mounted and will be provided/installed by Verant.

Question: Sheet E-120 calls for the lighting controls to be located in the MDP panel, but sheet E-110 shows them in their own enclosure. These controls include a photoeye, a lighting contactor, a time clock, and a lit switch. Is it possible for the lighting controls to be in their own enclosure, which would keep the design of the MDP simpler?

Response: The lighting controls will be located in the 60"x48"x12" overall "MDP ELECTRICAL ENCLOSURE", not within the actual MDP panelboard.

Question: Schoellhorn-Albrecht is planning to quote the cleats for the Lubec Breakwater Project, # 026824 bidding on January 15, 2025.

Have you had a Site-Visit or Pre-Bid Meeting and if so could you please email me a copy of the attendance list. If one is scheduled will you be publishing it on the Maine DOT web site?

Response: There will not be a pre-bid site visit. This project was designed using a Contractor Input Design (CID) process. Only contractors that participated in that process are prequalified to submit bids. Those contractors are: Prock Marine, Cianbro Corp., Reed & Reed, Inc.

Question: Is this project happening at the Lubec Public Landing on N Water Street and Johnson Street? If not, please provide a jobsite address.

Response: No. The Street address is 125 Main Street (route 189). Directly across from South St. and east of the Lubec Historical Society property.

Question: A stainless-steel meter socket is not available. It will have to be custom built then approved by Eastern Maine Electric Coop. Is that what you want us to do, or is a 3R meter adequate?

Response: A 3R meter enclosure is acceptable.

Question: Due to holidays a significant amount of subs and vendors are out of the office for up to 2 weeks of the solicitation period. Due to this overlap with the holiday season we respectfully request a 3 week bid date postponement from 1/15/25 to 2/5/25 which should allow adequate time to turn around pricing.

Response: The bid opening date shall be extended two weeks, to **January 29, 2025**.

Consider these changes and information prior to submitting your bid on **January 29, 2025.**

Sincerely,

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

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 026824.00 **Project(s):** 026824.00

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
0010	201.23 REMOVING SINGLE TREE TOP ONLY	6.000 EA				
0020	202.1221 REMOVE ABANDONED CONCRETE FOUNDATION	LUMP SUM	LUMP SUM			
0030	203.20 COMMON EXCAVATION	6,391.000 CY				
0040	304.10 AGGREGATE SUBBASE COURSE - GRAVEL (PAVED AND STONE-SLOPE PROTECTION AREAS)	2,778.000 CY				
0050	403.2081 12.5 MM POLYMER MODIFIED HOT MIX ASPHALT	363.000 T				
0060	403.209 HOT MIX ASPHALT 9.5 MM (SIDEWALKS, DRIVES, INCIDENTALS)	25.000 T				
0070	403.2131 12.5 MM POLYMER MODIFIED HMA BASE	545.000 T				
0080	409.15 BITUMINOUS TACK COAT - APPLIED	250.000 G				
0090	411.09 UNTREATED AGGREGATE SURFACE COURSE (RUBBLE MOUND & BOAT RAMP)	1,010.000 CY				
0100	419.30 SAW CUTTING BITUMINOUS PAVEMENT	100.000 LF				
0110	501.235 ACOUSTIC MONITOR	365.000 CD				

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0120	501.236 PROTECTED SPECIES OBSERVER	5,840.000 HOUR				
0130	501.303 STEEL SHEET PILING - DELIVERED	11,562.000 SF				
0140	501.304 STEEL SHEET PILING - IN PLACE	11,562.000 SF				
0150	501.543 STEEL H-BEAM SECTIONS, DELIVERED (HP16X141) (163,560 LBS)	1,160.000 LF				
0160	501.544 STEEL H-BEAM SECTIONS, IN PLACE (HP16X141) (163,560 LBS)	LUMP SUM	LUMP SUM			
0170	501.545 STEEL W-BEAM SECTIONS, DELIVERED (W10X100) (42,000 LBS)	420.000 LF				
0180	501.545 STEEL W-BEAM SECTIONS, DELIVERED (W18X311) (223,920 LBS)	720.000 LF				
0190	501.545 STEEL W-BEAM SECTIONS, DELIVERED (W21X201) (281,400 LBS)	1,400.000 LF				
0200	501.546 STEEL W-BEAM SECTIONS, IN PLACE (W10X100) (42,000 LBS)	LUMP SUM	LUMP SUM			
0210	501.546 STEEL W-BEAM SECTIONS, IN PLACE (W18X311) (223,920 LBS)	LUMP SUM	LUMP SUM			
0220	501.546 STEEL W-BEAM SECTIONS, IN PLACE (W21X201) (281,400 LBS)	LUMP SUM	LUMP SUM			

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0230	501.70 STEEL PIPE PILES, DELIVERED (12" DIAMETER X 1/2" WT)	780.000 LF				
0240	501.70 STEEL PIPE PILES, DELIVERED (24" DIAMETER X 1/2" WT)	1,540.000 LF				
0250	501.70 STEEL PIPE PILES, DELIVERED (36" DIAMETER X 1" WT)	5,067.000 LF				
0260	501.701 STEEL PIPE PILES, IN PLACE (12" DIAMETER X 1/2" WT)	780.000 LF				
0270	501.701 STEEL PIPE PILES, IN PLACE (24" DIAMETER X 1/2" WT)	1,540.000 LF				
0280	501.701 STEEL PIPE PILES, IN PLACE (36" DIAMETER X 1" WT)	5,067.000 LF				
0290	501.72 STEEL CASINGS, DELIVERED (18" DIAMETER)	624.000 LF				
0300	501.72 STEEL CASINGS, DELIVERED (30" DIAMETER)	878.000 LF				
0310	501.72 STEEL CASINGS, DELIVERED (42" DIAMETER)	833.000 LF				
0320	501.721 STEEL CASINGS, IN PLACE (18" DIAMETER)	624.000 LF				
0330	501.721 STEEL CASINGS, IN PLACE (30" DIAMETER)	878.000 LF				

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0340	501.721 STEEL CASINGS, IN PLACE (42" DIAMETER)	833.000 LF				
0350	501.802 ROCK SOCKET (15" DIAMETER)	36.000 LF				
0360	501.802 ROCK SOCKET (18" DIAMETER)	220.000 LF				
0370	501.802 ROCK SOCKET (30" DIAMETER)	1,600.000 LF				
0380	501.804 DRILLING EQUIPMENT MOBILIZATION	LUMP SUM	LUMP SUM			
0390	501.90 PILE TIPS (STEEL PILES)	115.000 EA				
0400	501.91 PILE SPLICES	5.000 EA				
0410	501.92 PILE DRIVING EQUIPMENT MOBILIZATION	LUMP SUM	LUMP SUM			
0420	502.2351 STRUCTURAL CONCRETE, PILE CAP	79.000 CY				
0430	502.2354 STRUCTURAL CONCRETE, PILE FILL	1,172.000 CY				
0440	502.263 STRUCTURAL CONCRETE ROADWAY AND END POSTS ON STEEL BRIDGES	LUMP SUM	LUMP SUM			
0450	502.264 STRUCTURAL CONCRETE PARAPETS	LUMP SUM	LUMP SUM			

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price Dollars	 Cents	Bid Amount Dollars	 Cents
0460	502.411 STRUCTURAL CONCRETE, PIER DECK SLAB	469.000 CY				
0470	502.45 STRUCTURAL CONCRETE APPROACH SLABS (BOAT RAMP TRANSITION)	20.000 CY				
0480	503.14 EPOXY-COATED REINFORCING STEEL, FABRICATED AND DELIVERED	633,000.000 LB				
0490	503.15 EPOXY-COATED REINFORCING STEEL, PLACING	633,000.000 LB				
0500	504.510 MISC. FABRICATION	 LUMP SUM	LUMP SUM			
0510	504.60 TIMBER FENDER SYSTEM	 LUMP SUM	LUMP SUM			
0520	504.70 STRUCTURAL STEEL FABRICATED AND DELIVERED (W24X117)	 LUMP SUM	LUMP SUM			
0530	504.71 STRUCTURAL STEEL ERECTION (W24X117)	 LUMP SUM	LUMP SUM			
0540	505.08 SHEAR CONNECTORS	 LUMP SUM	LUMP SUM			
0550	515.20 PROTECTIVE COATING FOR CONCRETE SURFACES	6,370.000 SY				
0560	531.90 HOIST (2 TON CAPACITY)	2.000 EA				

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0570	531.91 FLOAT (TIMBER, CONCRETE OR STEEL)	12,100.000 SF				
0580	531.9601 ALUMINUM GANGWAY - 80 LF	1.000 EA				
0590	534.76022 PRECAST PIER, CAP	 LUMP SUM	 LUMP SUM			
0600	535.60 PRESTRESSED STRUCTURAL CONCRETE SLAB	 LUMP SUM	 LUMP SUM			
0610	606.15 GUARDRAIL TYPE 3A - SINGLE RAIL	360.000 LF				
0620	606.265 TERMINAL END - SINGLE RAIL - GALVANIZED STEEL	4.000 EA				
0630	606.353 REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	8.000 EA				
0640	607.163 CHAIN LINK FENCE - 4 FOOT P.V.C. COATED	400.000 LF				
0650	607.35 BRACING ASSEMBLY CHAIN LINK FENCE PVC COATED	5.000 EA				
0660	609.21 CONCRETE SLIPFORM CURB	26.000 LF				
0670	609.219 CONCRETE SLIPFORM CURB - TERMINAL END	60.000 LF				
0680	610.08 PLAIN RIPRAP	68,695.000 CY				

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0690	610.16 HEAVY RIPRAP	16,354.000 CY				
0700	610.17 ARMOR STONE	13,855.000 CY				
0710	610.18 STONE DITCH PROTECTION	7,720.000 CY				
0720	610.45 LEVEL LIP SPREADER	 LUMP SUM	LUMP SUM			
0730	615.07 LOAM	137.000 CY				
0740	615.27 UNDERDRAIN SOIL FILTER	 LUMP SUM	LUMP SUM			
0750	618.13 SEEDING METHOD NUMBER 1	1.000 UN				
0760	618.14 SEEDING METHOD NUMBER 2	3.000 UN				
0770	619.12 MULCH	4.000 UN				
0780	619.14 EROSION CONTROL MIX	74.000 CY				
0790	620.58 EROSION CONTROL GEOTEXTILE - (NON-WOVEN - UPLAND)	1,485.000 SY				
0800	620.60 SEPARATION GEOTEXTILE -(NON-WOVEN - RUBBLE MOUND AND BOAT RAMP)	3,785.000 SY				

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0810	626.11 PRECAST CONCRETE JUNCTION BOX	5.000 EA				
0820	626.221 NON-METALLIC CONDUIT CONCRETE ENCASED [2.5", 2", 1")]	1,017.000 LF				
0830	626.222 FRP CONDUIT (1 INCH)	20.000 LF				
0840	626.222 FRP CONDUIT (2.5 INCH)	10.000 LF				
0850	626.38 GROUND MOUNTED CABINET FOUNDATION	1.000 EA				
0860	626.385 METER ENCLOSURE	1.000 EA				
0870	626.421 24 INCH DIAMETER FOUNDATION	51.000 LF				
0880	626.74 PANELBOARD	LUMP SUM	LUMP SUM			
0890	626.91 POWER DISTRIBUTION PANELBOARD AND CIRCUIT BREAKERS	LUMP SUM	LUMP SUM			
0900	627.733 4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	4,410.000 LF				
0910	627.75 WHITE OR YELLOW PAVEMENT & CURB MARKING	85.000 SF				
0920	634.1812 1" LIQUID-TIGHT FLEXIBLE CONDUIT	12.000 LF				

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price Dollars	 Cents	Bid Amount Dollars	 Cents
0930	634.1941 1" PVC CONDUIT	2,189.000 LF				
0940	634.1944 2" SCHEDULE 40 PVC CONDUIT	1,331.000 LF				
0950	634.1949 2 1/2" SCHEDULE 40 PVC CONDUIT	1,359.000 LF				
0960	634.2042 LED LUMINARIES (TYPE D1 SOLAR DOCK LIGHT)	70.000 EA				
0970	634.2042 LED LUMINARIES (TYPE OC, P1)	1.000 EA				
0980	634.2042 LED LUMINARIES (TYPE T3, R1 AND R2)	31.000 EA				
0990	634.2101 TYPE A LIGHT STANDARD	6.000 EA				
1000	634.2102 TYPE B LIGHT STANDARD	13.000 EA				
1010	634.2311 STAINLESS STEEL EXTERIOR PULL BOX	12.000 EA				
1020	634.312 # 2 AWG COPPER WIRING	1,335.000 LF				
1030	634.313 # 4/0 AWG COPPER WIRING	5,434.000 LF				
1040	634.314 #6 AWG COPPER WIRE	8,382.000 LF				

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1050	634.316 #10 AWG COPPER WIRE	616.000 LF				
1060	634.3161 #12 AWG COPPER WIRING	3,620.000 LF				
1070	637.071 DUST CONTROL	 LUMP SUM	LUMP SUM			
1080	639.18 FIELD OFFICE TYPE A	1.000 EA				
1090	641.42 SIGN POSTS	8.000 EA				
1100	645.292 REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGNS TYPE II	26.750 SF				
1110	652.31 TYPE I BARRICADE	6.000 EA				
1120	652.33 DRUM	40.000 EA				
1130	652.34 CONE	25.000 EA				
1140	652.35 CONSTRUCTION SIGNS	192.000 SF				
1150	652.361 MAINTENANCE OF TRAFFIC CONTROL DEVICES	 LUMP SUM	LUMP SUM			
1160	656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	 LUMP SUM	LUMP SUM			

Maine Department of Transportation

Proposal Schedule of Items

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1170	659.10 MOBILIZATION	LUMP SUM	LUMP SUM			
1180	815.50 PRIVY BUILDING	LUMP SUM	LUMP SUM			
1190	832.05 SURVEY MONITORING POINT	10.000 EA				
1200	853.15 BOAT RAMP	LUMP SUM	LUMP SUM			
1210	853.50 LIFE RING ASSEMPBLY	6.000 EA				

Section: 1 **Total:**

Total Bid: