



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

Janet T. Mills
GOVERNOR

Bruce A. Van Note
COMMISSIONER

January 24, 2025
Subject: Breakwater
State WIN: 026824.00
Location: **Lubec**
Amendment No. 7

Dear Sir/Ms.:

Make the following changes to the Bid Book:

Remove the Proposal Schedule of Items dated 1/8/2025 provided in Amendment No. 2 and **Replace** it with the attached Proposal Schedule of Items dated 1/24/2025. Updates were made to the quantities for items 503.14, 503.15, 626.421, 832.05, and Item 502.291 Saw Cut Grooving LS has been added.

The following questions have been received:

Question: With regard to the floating docks in Spec 531, in 531.07, para E.2.a, a “1.0ft x 2.5 ft foam filled fender” is called out to meet perpendicular loading. (note: foam filled dock “fender” or “bumper” system is not recommended in a commercial environment due to lack of durability.) Please confirm the type of fendering required for the vessel tie-up sides of the float sections (including make and model of fendering) that can be attached to a timber framed float with a 11.5” maximum surface area.

Response: Foam filled fenders are not required. Floats shall have a linear fender system along all berthing sides to protect from damage during berthing.

Question: What is the required surface finish of the Concrete Roadway and Pier Deck Slab?

Response: The finish shall be longitudinal Saw Cut Grooving, per MaineDOT Standard Specifications, Section 502.13 Finishing Concrete Surfaces, F. Saw Cut Grooving of Concrete Wearing Surfaces. Pay item 502.291 Saw Cut Grooving LS has been added to the attached Schedule of Items.

Question: Please Confirm that Item 503.14 Epoxy Coated Reinforcing Steel Fabricated and Delivered does not include the reinforcing steel required for the Precast Pile Caps and Precast Deck Panels. If so, please review the bid item quantity as it appears to include all reinforcing steel on the project.

Response: That is correct, reinforcing quantities for the Precast Pile Caps and Prestressed Structural Concrete Slabs were incorrectly included in the 503 bid quantities. The correct quantity is 432,350 LBs. A revised Schedule of Items is attached.

Question: As a follow up to Amendment 006 PSO question response. The specifications state to have 2 PSO's on duty at the same time during pile installation (impact, vibrating, down the hold drilling). Does "on duty" mean two PSO's are physically monitoring out on the site? If so, and pile driving is going to take place for more than 4 hours there will need to be a 3rd PSO "breaker" in the office.

1. Please clarify whether the requirement is for one or two PSO's monitoring in the field during pile installation.

Response: 2 PSOs are required during activities that require monitoring

Question: In the scenario with a 3rd PSO breaker in the office will their hours be paid under item 501.236? Example: For an 8 Hr day of installing pile there would be three PSO's onsite. (2 observing and 1 breaker) so we would be expected to be reimbursed for 24 hrs under item 501.236.

Response: Yes

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		Bid Amount	
			Dollars	Cents	Dollars	Cents
0010	201.23 REMOVING SINGLE TREE TOP ONLY	6.000 EA				
0020	202.1221 REMOVE ABANDONED CONCRETE FOUNDATION	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	501.236 PROTECTED SPECIES OBSERVER	5,840.000 HOUR				

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			Dollars	Cents	Dollars	Cents
0120	501.303 STEEL SHEET PILING - DELIVERED	11,562.000 SF	<div></div>	<div></div>	<div></div>	<div></div>
0130	501.304 STEEL SHEET PILING - IN PLACE	11,562.000 SF	<div></div>	<div></div>	<div></div>	<div></div>
0140	501.543 STEEL H-BEAM SECTIONS, DELIVERED (HP16X141) (163,560 LBS)	1,160.000 LF	<div></div>	<div></div>	<div></div>	<div></div>
0150	501.544 STEEL H-BEAM SECTIONS, IN PLACE (HP16X141) (163,560 LBS)	LUMP SUM	LUMP SUM		<div></div>	<div></div>
0160	501.545 STEEL W-BEAM SECTIONS, DELIVERED (W10X100) (42,000 LBS)	420.000 LF	<div></div>	<div></div>	<div></div>	<div></div>
0170	501.545 STEEL W-BEAM SECTIONS, DELIVERED (W18X311) (223,920 LBS)	720.000 LF	<div></div>	<div></div>	<div></div>	<div></div>
0180	501.545 STEEL W-BEAM SECTIONS, DELIVERED (W21X201) (281,400 LBS)	1,400.000 LF	<div></div>	<div></div>	<div></div>	<div></div>
0190	501.546 STEEL W-BEAM SECTIONS, IN PLACE (W10X100) (42,000 LBS)	LUMP SUM	LUMP SUM		<div></div>	<div></div>
0200	501.546 STEEL W-BEAM SECTIONS, IN PLACE (W18X311) (223,920 LBS)	LUMP SUM	LUMP SUM		<div></div>	<div></div>
0210	501.546 STEEL W-BEAM SECTIONS, IN PLACE (W21X201) (281,400 LBS)	LUMP SUM	LUMP SUM		<div></div>	<div></div>
0220	501.70 STEEL PIPE PILES, DELIVERED (12" DIAMETER X 1/2" WT)	780.000 LF	<div></div>	<div></div>	<div></div>	<div></div>

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

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0340	501.802 ROCK SOCKET (15" DIAMETER)	36.000 LF	_____	 _____	_____	 _____
0350	501.802 ROCK SOCKET (18" DIAMETER)	220.000 LF	_____	 _____	_____	 _____
0360	501.802 ROCK SOCKET (30" DIAMETER)	1,600.000 LF	_____	 _____	_____	 _____
0370	501.804 DRILLING EQUIPMENT MOBILIZATION	LUMP SUM		 LUMP SUM	_____	 _____
0380	501.90 PILE TIPS (STEEL PILES)	115.000 EA	_____	 _____	_____	 _____
0390	501.91 PILE SPLICES	5.000 EA	_____	 _____	_____	 _____
0400	501.92 PILE DRIVING EQUIPMENT MOBILIZATION	LUMP SUM		 LUMP SUM	_____	 _____
0410	502.2351 STRUCTURAL CONCRETE, PILE CAP	79.000 CY	_____	 _____	_____	 _____
0420	502.2354 STRUCTURAL CONCRETE, PILE FILL	1,172.000 CY	_____	 _____	_____	 _____
0430	502.263 STRUCTURAL CONCRETE ROADWAY AND END POSTS ON STEEL BRIDGES	LUMP SUM		 LUMP SUM	_____	 _____
0440	502.264 STRUCTURAL CONCRETE PARAPETS	LUMP SUM		 LUMP SUM	_____	 _____
0450	502.291 SAW CUT GROOVING	LUMP SUM		 LUMP SUM	_____	 _____

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0460	502.411 STRUCTURAL CONCRETE, PIER DECK SLAB	469.000 CY	<div></div>	<div></div>	<div></div>	<div></div>
0470	502.45 STRUCTURAL CONCRETE APPROACH SLABS (BOAT RAMP TRANSITION)	20.000 CY	<div></div>	<div></div>	<div></div>	<div></div>
0480	503.14 EPOXY-COATED REINFORCING STEEL, FABRICATED AND DELIVERED	432,350.000 LB	<div></div>	<div></div>	<div></div>	<div></div>
0490	503.15 EPOXY-COATED REINFORCING STEEL, PLACING	432,350.000 LB	<div></div>	<div></div>	<div></div>	<div></div>
0500	504.510 MISC. FABRICATION	LUMP SUM	LUMP	SUM	<div></div>	<div></div>
0510	504.60 TIMBER FENDER SYSTEM	LUMP SUM	LUMP	SUM	<div></div>	<div></div>
0520	504.70 STRUCTURAL STEEL FABRICATED AND DELIVERED (W24X117)	LUMP SUM	LUMP	SUM	<div></div>	<div></div>
0530	504.71 STRUCTURAL STEEL ERECTION (W24X117)	LUMP SUM	LUMP	SUM	<div></div>	<div></div>
0540	505.08 SHEAR CONNECTORS	LUMP SUM	LUMP	SUM	<div></div>	<div></div>
0550	515.20 PROTECTIVE COATING FOR CONCRETE SURFACES	6,370.000 SY	<div></div>	<div></div>	<div></div>	<div></div>
0560	531.90 HOIST (2 TON CAPACITY)	2.000 EA	<div></div>	<div></div>	<div></div>	<div></div>

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

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			Dollars	Cents	Dollars	Cents
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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			Dollars	Cents	Dollars	Cents
0810	626.11 PRECAST CONCRETE JUNCTION BOX	5.000 EA	<div></div>	<div></div>	<div></div>	<div></div>
0820	626.221 NON-METALLIC CONDUIT CONCRETE ENCASED [2.5", 2", 1"]]	1,017.000 LF	<div></div>	<div></div>	<div></div>	<div></div>
0830	626.222 FRP CONDUIT (1 INCH)	20.000 LF	<div></div>	<div></div>	<div></div>	<div></div>
0840	626.222 FRP CONDUIT (2.5 INCH)	10.000 LF	<div></div>	<div></div>	<div></div>	<div></div>
0850	626.38 GROUND MOUNTED CABINET FOUNDATION	1.000 EA	<div></div>	<div></div>	<div></div>	<div></div>
0860	626.385 METER ENCLOSURE	1.000 EA	<div></div>	<div></div>	<div></div>	<div></div>
0870	626.421 24 INCH DIAMETER FOUNDATION	42.000 LF	<div></div>	<div></div>	<div></div>	<div></div>
0880	626.74 PANELBOARD	LUMP SUM	<div></div>	<div></div>	<div></div>	<div></div>
0890	626.91 POWER DISTRIBUTION PANELBOARD AND CIRCUIT BREAKERS	LUMP SUM	<div></div>	<div></div>	<div></div>	<div></div>
0900	627.733 4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	4,410.000 LF	<div></div>	<div></div>	<div></div>	<div></div>
0910	627.75 WHITE OR YELLOW PAVEMENT & CURB MARKING	85.000 SF	<div></div>	<div></div>	<div></div>	<div></div>
0920	629.05 HAND LABOR, STRAIGHT TIME	10.000 HR	<div></div>	<div></div>	<div></div>	<div></div>

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			Dollars	Cents	Dollars	Cents
0930	631.12 ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	10.000 HR	<div></div>	<div></div>	<div></div>	<div></div>
0940	631.172 TRUCK - LARGE (INCLUDING OPERATOR)	10.000 HR	<div></div>	<div></div>	<div></div>	<div></div>
0950	634.1812 1" LIQUID-TIGHT FLEXIBLE CONDUIT	12.000 LF	<div></div>	<div></div>	<div></div>	<div></div>
0960	634.1941 1" PVC CONDUIT	2,189.000 LF	<div></div>	<div></div>	<div></div>	<div></div>
0970	634.1944 2" SCHEDULE 40 PVC CONDUIT	1,331.000 LF	<div></div>	<div></div>	<div></div>	<div></div>
0980	634.1949 2 1/2" SCHEDULE 40 PVC CONDUIT	1,359.000 LF	<div></div>	<div></div>	<div></div>	<div></div>
0990	634.2042 LED LUMINARIES (TYPE D1 SOLAR DOCK LIGHT)	70.000 EA	<div></div>	<div></div>	<div></div>	<div></div>
1000	634.2042 LED LUMINARIES (TYPE OC, P1)	1.000 EA	<div></div>	<div></div>	<div></div>	<div></div>
1010	634.2042 LED LUMINARIES (TYPE T3, R1 AND R2)	31.000 EA	<div></div>	<div></div>	<div></div>	<div></div>
1020	634.2101 TYPE A LIGHT STANDARD	6.000 EA	<div></div>	<div></div>	<div></div>	<div></div>
1030	634.2102 TYPE B LIGHT STANDARD	13.000 EA	<div></div>	<div></div>	<div></div>	<div></div>
1040	634.2311 STAINLESS STEEL EXTERIOR PULL BOX	12.000 EA	<div></div>	<div></div>	<div></div>	<div></div>

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1050	634.312 # 2 AWG COPPER WIRING	1,335.000 LF				
1060	634.313 # 4/0 AWG COPPER WIRING	5,434.000 LF				
1070	634.314 #6 AWG COPPER WIRE	8,382.000 LF				
1080	634.316 #10 AWG COPPER WIRE	616.000 LF				
1090	634.3161 #12 AWG COPPER WIRING	3,620.000 LF				
1100	637.071 DUST CONTROL	LUMP SUM		 LUMP SUM		
1110	639.18 FIELD OFFICE TYPE A	1.000 EA				
1120	641.42 SIGN POSTS	8.000 EA				
1130	645.292 REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGNS TYPE II	26.750 SF				
1140	652.31 TYPE I BARRICADE	6.000 EA				
1150	652.33 DRUM	40.000 EA				
1160	652.34 CONE	25.000 EA				
1170	652.35 CONSTRUCTION SIGNS	192.000 SF				

1/24/2025

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			Dollars	Cents	Dollars	Cents
1180	652.361 MAINTENANCE OF TRAFFIC CONTROL DEVICES	LUMP SUM	LUMP	SUM		
1190	656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LUMP SUM	LUMP	SUM		
1200	659.10 MOBILIZATION	LUMP SUM	LUMP	SUM		
1210	815.50 PRIVY BUILDING	LUMP SUM	LUMP	SUM		
1220	832.05 SURVEY MONITORING POINT	9.000 EA				
1230	853.15 BOAT RAMP	LUMP SUM	LUMP	SUM		
1240	853.50 LIFE RING ASSEMPBLY	6.000 EA				
Section: 1			Total:			
			Total Bid:			