



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

JOHN ELIAS BALDACCI
GOVERNOR

DAVID A. COLE
COMMISSIONER

December 22, 2009
Subject: **Falmouth**
Federal Project No: BR-1509(400)X
State Pin No. 015094.00
Amendment No. 2

Dear Sir/Ms:

Make the following changes to the Bid Documents:

In the Bid Book (pages 4 – 17), **REMOVE** the “SCHEDULE OF ITEMS”, 14 pages dated 091207 and **REPLACE** with the attached new “SCHEDULE OF ITEMS”, 14 pages dated 091221.

In the Plans, SHEET NUMBER 2 OF 143, **CHANGE** the quantity of Item No. 825.43 from 4.000 to read **365.000**. Make this change in pen and ink.

In the Plans, SHEET NUMBER 75 OF 143, DISC BEARING NOTES, **CHANGE** note #5 to read as follows; “5. All steel, except anchor rods, shall be AASHTO M270, Grade 70W **or 50W.**” Make this change in pen and ink.

In the Plans, SHEET NUMBER 133 OF 143, **CHANGE** the service to 27 Gray Road that ended at the limit of embankment to now end at the **ROW line**. Make this change in pen and ink.

The following questions have been received:

Question: Reference Plan SHEET NUMBER 59 OF 143. How deep are the 30” dia. vertical sleeves?

Response: To determine the pile sleeve depth, please see plan sheet number 117, GEOFOAM EMBANKMENT SECTION SOUTH.

Question: Posted as-built plans are from the 1975 upgrade. Could you please post the original construction drawings as well?

Response: The original construction drawings have been posted on our website.



PRINTED ON RECYCLED PAPER

Question: What is typical low water elevation?

Response: We don't have any specific information on typical low water elevation. The only information we have is water surface elevation at the time of survey as shown on the plans.

Question: Does MDOT have electronic copies of the original construction drawings for the bridge which would show the substructure construction, framing plan, etc.? If so, would you please make them available for download from your website?

Response: The original construction drawings have been posted on our website.

Question: The Plans list Q1.1 as 18.43 ft. Sheet 65 says seal is designed for water elevation 13.80 ft. Can you clarify Q1.1 vs. Q1?

Response: Response Pending

Question: Where is Item 502.48, Low Permeability Concrete, to be used?

Response: As noted under "Materials" on Title Sheet 1 of 143, Item 502.48 Low Permeability Concrete is used in the curb, sidewalk, and end posts on the bridge (including the portion of the curb and sidewalk integral to the abutment backwalls).

Question: Is the concrete fill shown on Plan Sheet 131 paid under Item 502.56?

Response: Concrete fill placed under Abutment 1 is paid under Item 502.56 Concrete Fill. Concrete Fill placed in voids between sheet pile and geofam blocks as shown in "Geofoam Detail at Permanent Sheeting" on Sheet 131 is not paid under Item 502.56 Concrete Fill, but shall be paid incidental to Item 501.301 Steel Sheet Piling as noted on Sheet 131.

Question: On Plan Sheet 75 of 143, disc bearing note no. 5, the contract drawings for this job calls for steel to be AASHTO M270 GR70W for the disc bearing assemblies. This grade steel is impossible to acquire in any less than mill run quantities. It is not available at the service center level. The bearings on this job will not consume a large enough amount of steel to require a special mill run order. Please allow GR50 or 50W steel to be used as a substitute for GR70W.

Response: Grade 50W may be used as a substitute for GR70W.

Consider these changes and information prior to submitting your bid on January 13, 2010.

Sincerely,

A handwritten signature in dark ink, appearing to read "Scott Bickford". The signature is written in a cursive style with a large initial "S" and "B".

Scott Bickford
Contracts & Specifications Engineer

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 015094.00

PROJECT(S): BR-1509(400)X

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
SECTION 0001 PROJECT ITEMS						
0010	201.11 CLEARING	1.000 AC				
0020	201.23 REMOVING SINGLE TREE TOP ONLY	6.000 EA				
0030	201.24 REMOVING STUMP	3.000 EA				
0040	202.08 REMOVING BUILDING NO.: 1	LUMP	LUMP			
0050	202.15 REMOVING MANHOLE OR CATCH BASIN	5.000 EA				
0060	202.19 REMOVING EXISTING BRIDGE	LUMP	LUMP			
0070	203.20 COMMON EXCAVATION	5200.000 CY				
0080	203.25 GRANULAR BORROW	3000.000 CY				
0090	203.26 GRAVEL BORROW	185.000 CY				
0100	203.4339 GEOFOAM LIGHTWEIGHT FILL	6660.000 CY				

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0110	203.4539 LEVELING SAND	1050.000 CY				
0120	206.061 STRUCTURAL EARTH EXCAVATION - DRAINAGE AND MINOR STRUCTURES, BELOW GRADE	10.000 CY				
0130	206.082 STRUCTURAL EARTH EXCAVATION - MAJOR STRUCTURES	380.000 CY				
0140	206.10 STRUCTURAL EARTH EXCAVATION - PIERS	3850.000 CY				
0150	304.10 AGGREGATE SUBBASE COURSE - GRAVEL	5625.000 CY				
0160	403.209 HOT MIX ASPHALT 9.5 MM (SIDEWALKS, DRIVES, INCIDENTALS)	200.000 T				
0170	403.210 HOT MIX ASPHALT 9.5 MM	1400.000 T				
0180	403.213 HOT MIX ASPHALT 12.5 MM BASE	800.000 T				
0190	409.15 BITUMINOUS TACK COAT - APPLIED	196.000 G				
0200	501.231 DYNAMIC LOADING TEST	15.000 EA				
0210	501.301 STEEL SHEET PILING	LUMP	LUMP			

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0220	501.46 STEEL H-BEAM PILES 73 LBS/FT, DELIVERED	15700.000 LF				
0230	501.461 STEEL H-BEAM PILES 73 LBS/FT, IN PLACE	15700.000 LF				
0240	501.90 PILE TIPS	123.000 EA				
0250	501.91 PILE SPLICES	366.000 EA				
0260	501.92 PILE DRIVING EQUIPMENT MOBILIZATION	LUMP	LUMP			
0270	502.219 STRUCTURAL CONCRETE, ABUTMENTS AND RETAINING WALLS	LUMP	LUMP			
0280	502.239 STRUCTURAL CONCRETE PIERS	LUMP	LUMP			
0290	502.24 STRUCTURAL CONCRETE PIERS (PLACED UNDER WATER)	1450.000 CY				
0300	502.26 STRUCTURAL CONCRETE ROADWAY AND SIDEWALK SLABS ON STEEL BRIDGES	LUMP	LUMP			
0310	502.31 STRUCTURAL CONCRETE APPROACH SLABS	LUMP	LUMP			
0320	502.452 STRUCTURAL CONCRETE DISTRIBUTION SLAB	LUMP	LUMP			

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			DOLLARS	CTS	DOLLARS	CTS
0330	502.48 LOW PERMEABILITY CONCRETE	210.000 CY				
0340	502.56 CONCRETE FILL	33.000 CY				
0350	502.72 FIBER REINFORCED POLYMER BRIDGE DRAIN - TYPE A	9.000 EA				
0360	503.12 REINFORCING STEEL, FABRICATED AND DELIVERED	515000.000 LB				
0370	503.13 REINFORCING STEEL, PLACING	515000.000 LB				
0380	503.14 EPOXY COATED REINFORCING STEEL, FABRICATED AND DELIVERED	30400.000 LB				
0390	503.15 EPOXY COATED REINFORCING STEEL PLACING	30400.000 LB				
0400	503.16 WELDED STEEL WIRE FABRIC, COMPLETE IN PLACE	8650.000 LB				
0410	504.702 STRUCTURAL STEEL FABRICATED AND DELIVERED, WELDED	LUMP	LUMP			
0420	504.71 STRUCTURAL STEEL ERECTION	LUMP	LUMP			
0430	505.08 SHEAR CONNECTORS	LUMP	LUMP			

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0440	506.9102 ZINC RICH COATING SYSTEM (SHOP APPLIED)	LUMP	LUMP			
0450	507.0831 STEEL BRIDGE RAILING, 4 BAR	LUMP	LUMP			
0460	508.14 HIGH PERFORMANCE WATERPROOFING MEMBRANE	LUMP	LUMP			
0470	511.07 COFFERDAM: PIER NO.1	LUMP	LUMP			
0480	512.081 FRENCH DRAINS	LUMP	LUMP			
0490	514.06 CURING BOX FOR CONCRETE CYLINDERS	EA 1.000				
0500	515.21 PROTECTIVE COATING FOR CONCRETE SURFACES	LUMP	LUMP			
0510	521.23 EXPANSION DEVISE FINGER JOINT	EA 2.000				
0520	521.32 FABRIC TROUGH FOR FINGER JOINT	EA 2.000				
0530	523.5551 POT OR DISC BEARINGS, FIXED	EA 3.000				
0540	523.5552 POT OR DISC BEARINGS, EXPANSION	EA 22.000				

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			DOLLARS	CTS	DOLLARS	CTS
0550	524.40 PROTECTIVE SHIELD	LUMP	LUMP			
0560	526.301 TEMPORARY CONCRETE BARRIER TYPE I	LUMP	LUMP			
0570	526.34 PERMANENT CONCRETE TRANSITION BARRIER	4.000 EA				
0580	527.34 WORK ZONE CRASH CUSHIONS	3.000 UN				
0590	535.31 PRECAST STRUCTURAL CONCRETE WALL PANELS	LUMP	LUMP			
0600	603.16 15 INCH CULVERT PIPE OPTION I	56.000 LF				
0610	603.179 18 INCH CULVERT PIPE OPTION III	55.000 LF				
0620	603.199 24 INCH CULVERT PIPE OPTION III	71.000 LF				
0630	604.092 CATCH BASIN TYPE B1-C	12.000 EA				
0640	605.09 6 INCH UNDERDRAIN TYPE B	540.000 LF				
0650	605.10 6 INCH UNDERDRAIN OUTLET	20.000 LF				

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			DOLLARS	CTS	DOLLARS	CTS
0660	605.11 12 INCH UNDERDRAIN TYPE C	160.000 LF				
0670	605.13 18 INCH UNDERDRAIN TYPE C	230.000 LF				
0680	605.15 24 INCH UNDERDRAIN TYPE C	450.000 LF				
0690	606.1721 BRIDGE TRANSITION - TYPE 1	4.000 EA				
0700	606.23 GUARDRAIL TYPE 3C - SINGLE RAIL	435.000 LF				
0710	606.232 GUARDRAIL TYPE 3C - OVER 15 FOOT RADIUS	37.500 LF				
0720	606.258 CABLE RELEASING TERMINAL ANCHORAGE ASSEMBLY	2.000 EA				
0730	606.265 TERMINAL END - SINGLE RAIL - GALVANIZED STEEL	2.000 EA				
0740	606.353 REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	8.000 EA				
0750	606.363 GUARDRAIL REMOVE AND DISPOSE	870.000 LF				
0760	606.47 SINGLE WOOD POST	4.000 EA				

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0770	606.551 GUARDRAIL TYPE 3 - SINGLE RAIL WITH RUB RAIL	650.000 LF				
0780	606.79 GUARDRAIL 350 FLARED TERMINAL	3.000 EA				
0790	607.163 CHAIN LINK FENCE - 4 FOOT P.V.C. COATED	330.000 LF				
0800	607.184 CHAIN LINK SNOW FENCE 3 FOOT	310.000 LF				
0810	607.35 BRACING ASSEMBLY CHAIN LINK FENCE PVC COATED	8.000 EA				
0820	609.31 CURB TYPE 3	1425.000 LF				
0830	609.40 RESET CURB TYPE 5	200.000 LF				
0840	609.441 CURBING REMOVED AND STACKED	84.000 LF				
0850	610.08 PLAIN RIPRAP	210.000 CY				
0860	610.16 HEAVY RIPRAP	2150.000 CY				
0870	613.319 EROSION CONTROL BLANKET	450.000 SY				

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			DOLLARS	CTS	DOLLARS	CTS
0880	615.07 LOAM	320.000 CY				
0890	618.1301 SEEDING METHOD NUMBER 1 - PLAN QUANTITY	33.000 UN				
0900	618.1411 SEEDING METHOD NUMBER 3 - PLAN QUANTITY	47.000 UN				
0910	618.143 SPECIAL SEED MIX:	15.000 UN				
0920	619.1201 MULCH - PLAN QUANTITY	80.000 UN				
0930	620.54 STABILIZATION GEOTEXTILE	420.000 SY				
0940	620.6012 HDPE GEOMEMBRANE	2900.000 SY				
0950	621.5351 DECIDUOUS SHRUBS (15 INCH - 18 INCH) GROUP A	72.000 EA				
0960	621.5352 DECIDUOUS SHRUBS (18 INCH - 24 INCH) GROUP A	108.000 EA				
0970	621.546 DECIDUOUS SHRUBS (2 FOOT - 3 FOOT) GROUP A	160.000 EA				
0980	621.547 DECIDUOUS SHRUBS (2 FOOT - 3 FOOT) GROUP B	100.000 EA				

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT		
			DOLLARS	CTS	DOLLARS	CTS	
0990	621.97 ENGINEERED WOODY DEBRIS	LUMP	LUMP				
1000	627.733 4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	LF	6200.000				
1010	627.75 WHITE OR YELLOW PAVEMENT & CURB MARKING	SF	300.000				
1020	627.76 TEMPORARY PVMT. MARK LINE, W OR YELLOW	LUMP	LUMP				
1030	627.77 REMOVING PAVEMENT MARKINGS	SF	1970.000				
1040	629.05 HAND LABOR, STRAIGHT TIME	HR	24.000				
1050	631.12 ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	HR	24.000				
1060	631.13 BULLDOZER (INCLUDING OPERATOR)	HR	24.000				
1070	631.14 GRADER (INCLUDING OPERATOR)	HR	24.000				
1080	631.171 TRUCK - SMALL (INCLUDING OPERATOR)	HR	24.000				
1090	631.20 STUMP CHIPPER (INCLUDING OPERATOR)	HR	8.000				

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1100	631.22 FRONT END LOADER (INCLUDING OPERATOR)	24.000 HR				
1110	631.32 CULVERT CLEANER (INCLUDING OPERATOR)	8.000 HR				
1120	631.36 FOREPERSON	24.000 HR				
1130	636.40 MECHANICALLY STABILIZED EARTH RETAINING WALL W/STEEL STRAPS	1300.000 SF				
1140	637.071 DUST CONTROL	LUMP	LUMP			
1150	639.18 FIELD OFFICE TYPE A	1.000 EA				
1160	652.312 TYPE III BARRICADE	8.000 EA				
1170	652.33 DRUM	20.000 EA				
1180	652.34 CONE	20.000 EA				
1190	652.35 CONSTRUCTION SIGNS	120.000 SF				
1200	652.361 MAINTENANCE OF TRAFFIC CONTROL DEVICES	LUMP	LUMP			

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1210	652.38 FLAGGER	650.000 HR				
1220	656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LUMP	LUMP			
1230	659.10 MOBILIZATION	LUMP	LUMP			
1240	660.21 ON-THE-JOB TRAINING (BID)	3000.000 HR				
	SECTION 0001 TOTAL					.

SECTION 0002 PORTLAND WATER DISTRICT WATER MAIN

1250	203.26 GRAVEL BORROW PORTLAND WATER DISTRICT	100.000 CY				
1260	625.01 WATER LINE SYSTEM TEMPORARY	LUMP	LUMP			
1270	822.363 12 INCH CLASS 52 DUCTILE IRON PIPE PUSH ON JOINT	640.000 LF				
1280	822.363 12 INCH CLASS 52 DUCTILE IRON PIPE RESTR JT, PRE-INSUL IN CARRIER PIPE	910.000 LF				
1290	822.363 12 INCH CLASS 52 DUCTILE IRON PIPE RESTRAINED JOINT	75.000 LF				

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1300	823.31 12 INCH GATE VALVE	1.000 EA				
1310	823.31 12 INCH GATE VALVE INSERTION	1.000 EA				
1320	823.3252 8" TAPPING SLEEVE AND VALVE	1.000 EA				
1330	823.34 BLOW OFF VALVE ASSEMBLY 2"	1.000 EA				
1340	823.341 AIR RELEASE VALVE 1"	2.000 EA				
1350	824.30 FIRE HYDRANT	1.000 EA				
1360	825.43 1" COPPER SERVICE	365.000 LF				
1370	827.302 UNSUITABLE SOIL EXCAVATION - BELOW GRADE	50.000 CY				
1380	845.10 STRUCTURAL STEEL UTILITY SUPPORT	LUMP	LUMP			
	SECTION 0002 TOTAL					.

SECTION 0003 NORTHERN NEW ENGLAND TELEPHONE OPERATION, LLC (FAIRPOINT)
OPTIONAL

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1390	806.67 FIBERGLASS CONDUIT SYSTEM	LUMP	LUMP			
	SECTION 0003 TOTAL					
	TOTAL BID					