



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

Paul R. LePage
GOVERNOR

David Bernhardt
COMMISSIONER

January 16, 2014
Subject: **Kittery**
Federal Project No: NHP-1928(300)
State WIN: 019283.00
Amendment No. 1

Dear Sir/Ms:

Make the following changes to the Bid Document:

In the Bid Book (pages 16 thru 23) **REMOVE** the "SCHEDULE OF ITEMS" 8 pages dated 140106 and **REPLACE** with the attached new "SCHEDULE OF ITEMS" 9 pages also dated 140106.

In the Bid Book (pages 108 and 109) **REMOVE** "SPECIAL PROVISION, SECTION 403, HOT MIX ASPHALT" 2 pages dated August 27, 2013 and **REPLACE** with the attached new "SPECIAL PROVISION, SECTION 403, HOT MIX ASPHALT" 2 pages dated January 16, 2014.

Consider these changes prior to submitting your bid on February 5, 2014.

Sincerely,

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



PRINTED ON RECYCLED PAPER

SCHEDULE OF ITEMS

CONTRACT ID: 019283.00

PROJECT(S): NHP-1928(300)

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
SECTION 0001 PROJECT ITEMS						
0010	202.11 REMOVING PORTLAND CEMENT CONCRETE PAVEMENT	SY 2700.000				
0020	202.15 REMOVING MANHOLE OR CATCH BASIN	EA 4.000				
0030	202.19 REMOVING EXISTING BRIDGE	LUMP	LUMP			
0040	203.20 COMMON EXCAVATION	CY 4400.000				
0050	203.21 ROCK EXCAVATION	CY 100.000				
0060	203.25 GRANULAR BORROW	CY 560.000				
0070	206.07 STRUCTURAL ROCK EXCAVATION - DRAINAGE AND MINOR STRUCTURES	CY 4.000				
0080	206.082 STRUCTURAL EARTH EXCAVATION - MAJOR STRUCTURES	CY 1100.000				
0090	206.092 STRUCTURAL ROCK EXCAVATION - MAJOR STRUCTURES	CY 340.000				
0100	304.10 AGGREGATE SUBBASE COURSE - GRAVEL	CY 5750.000				

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			DOLLARS	CTS	DOLLARS	CTS
0110	403.207 HOT MIX ASPHALT 19.0 MM HMA	T 1100.000				
0120	403.2081 12.5 MM POLYMER MODIFIED HOT MIX ASPHALT	T 580.000				
0130	403.209 HOT MIX ASPHALT 9.5 MM (SIDEWALKS, DRIVES, INCIDENTALS)	T 53.000				
0140	403.213 HOT MIX ASPHALT 12.5 MM BASE	T 900.000				
0150	403.2131 12.5 MM POLYMER MODIFIED HMA BASE	T 42.000				
0160	409.15 BITUMINOUS TACK COAT - APPLIED	G 340.000				
0170	502.21 STRUCTURAL CONCRETE, ABUTMENTS AND RETAINING WALLS	CY 240.000				
0180	502.211 STRUCTURAL CONCRETE, ABUTMENTS AND RETAINING WALLS, CLASS A:	CY 55.000				
0190	502.49 STRUCTURAL CONCRETE CURBS AND SIDEWALKS	LUMP	LUMP			
0200	502.492 STRUCTURAL CONCRETE CURBS AND SIDEWALKS CLASS A	CY 32.000				

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			DOLLARS	CTS	DOLLARS	CTS
0210	503.12 REINFORCING STEEL, FABRICATED AND DELIVERED	LB 11300.000				
0220	503.13 REINFORCING STEEL, PLACING	LB 11300.000				
0230	507.0821 STEEL BRIDGE RAILING, 3 BAR	LUMP	LUMP			
0240	508.13 SHEET WATERPROOFING MEMBRANE	LUMP	LUMP			
0250	508.14 HIGH PERFORMANCE WATERPROOFING MEMBRANE	LUMP	LUMP			
0260	512.081 FRENCH DRAINS	LUMP	LUMP			
0270	514.06 CURING BOX FOR CONCRETE CYLINDERS	EA 1.000				
0280	515.21 PROTECTIVE COATING FOR CONCRETE SURFACES	LUMP	LUMP			
0290	515.23 ANTI GRAFFITI PAINT	LUMP	LUMP			
0300	520.232 EXPANSION DEVICE - ASPHALTIC PLUG JOINT	LF 150.000				
0310	523.52 BEARING INSTALLATION	EA 32.000				

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			DOLLARS	CTS	DOLLARS	CTS
0320	523.5402 LAMINATED ELASTOMERIC BEARINGS, EXPANSION	EA 32.000				
0330	526.301 TEMPORARY CONCRETE BARRIER TYPE I	LUMP	LUMP			
0340	526.34 PERMANENT CONCRETE TRANSITION BARRIER	EA 4.000				
0350	527.34 WORK ZONE CRASH CUSHIONS	UN 4.000				
0360	534.76 PRECAST ABUTMENT	LUMP	LUMP			
0370	534.7601 PRECAST APPROACH SLAB	LUMP	LUMP			
0380	535.61 PRESTRESSED STRUCTURAL CONCRETE I-GIRDERS	LUMP	LUMP			
0390	603.1552 12 INCH REINFORCED CONCRETE PIPE CLASS IV	LF 48.000				
0400	603.748 REMOVE CONCRETE HEADWALL	EA 1.000				
0410	604.072 CATCH BASIN TYPE A1-C	EA 4.000				
0420	604.18 ADJUSTING MANHOLE OR CATCH BASIN TO GRADE	EA 4.000				

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			DOLLARS	CTS	DOLLARS	CTS
0430	606.1721 BRIDGE TRANSITION - TYPE 1	EA 4.000				
0440	606.23 GUARDRAIL TYPE 3C - SINGLE RAIL	LF 570.000				
0450	606.2602 TERMINAL END - TRAILING END	EA 1.000				
0460	606.353 REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	EA 8.000				
0470	606.79 GUARDRAIL 350 FLARED TERMINAL	EA 3.000				
0480	606.792 GUARDRAIL 350 MEDIUM TERMINAL SYSTEM	EA 1.000				
0490	607.185 CHAIN LINK SNOW FENCE 42 INCH	LF 98.000				
0500	609.11 VERTICAL CURB TYPE 1	LF 520.000				
0510	609.1111 SPECIAL GRANITE CURB - 39"	LF 24.000				
0520	609.34 CURB TYPE 5	LF 1950.000				
0530	609.40 RESET CURB TYPE 5	LF 530.000				

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			DOLLARS	CTS	DOLLARS	CTS
0540	613.319 EROSION CONTROL BLANKET	2100.000 SY				
0550	615.07 LOAM	120.000 CY				
0560	618.1401 SEEDING METHOD NUMBER 2 - PLAN QUANTITY	19.000 UN				
0570	619.1201 MULCH - PLAN QUANTITY	19.000 UN				
0580	619.1401 EROSION CONTROL MIX	240.000 CY				
0590	620.58 EROSION CONTROL GEOTEXTILE	2350.000 SY				
0600	621.037 EVERGREEN TREES (5 FOOT - 6 FOOT) GROUP A	12.000 EA				
0610	621.401 DWARF EVERGREENS (2 FOOT - 2.50 FOOT) GROUP A	12.000 EA				
0620	627.733 4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	4700.000 LF				
0630	629.05 HAND LABOR, STRAIGHT TIME	20.000 HR				
0640	631.10 AIR COMPRESSOR (INCLUDING OPERATOR)	20.000 HR				

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			DOLLARS	CTS	DOLLARS	CTS
0650	631.11 AIR TOOL (INCLUDING OPERATOR)	20.000 HR				
0660	631.12 ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	20.000 HR				
0670	631.171 TRUCK - SMALL (INCLUDING OPERATOR)	20.000 HR				
0680	631.172 TRUCK - LARGE (INCLUDING OPERATOR)	20.000 HR				
0690	631.21 ROAD BROOM (INCLUDING OPERATORS AND HAULER)	20.000 HR				
0700	631.22 FRONT END LOADER (INCLUDING OPERATOR)	20.000 HR				
0710	634.161 BRIDGE AND HIGHWAY LIGHTING, INCLUDING WIRE	LUMP	LUMP			
0720	635.14 PREFABRICATED CONCRETE MODULAR GRAVITY WALL	1595.000 SF				
0730	637.071 DUST CONTROL	LUMP	LUMP			
0740	639.18 FIELD OFFICE TYPE A	1.000 EA				

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0750	645.106 DEMOUNT REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGN	EA 2.000				
0760	645.116 REINSTALL REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGN	EA 2.000				
0770	645.271 REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGNS, TYPE I	SF 60.000				
0780	652.30 FLASHING ARROW BOARD	EA 2.000				
0790	652.312 TYPE III BARRICADE	EA 10.000				
0800	652.33 DRUM	EA 100.000				
0810	652.34 CONE	EA 200.000				
0820	652.35 CONSTRUCTION SIGNS	SF 630.000				
0830	652.361 MAINTENANCE OF TRAFFIC CONTROL DEVICES	LUMP	LUMP			
0840	652.38 FLAGGER	HR 300.000				

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			DOLLARS	CTS	DOLLARS	CTS
0850	652.41 PORTABLE CHANGEABLE MESSAGE SIGN	EA 4.000				
0860	656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LUMP	LUMP			
0870	659.10 MOBILIZATION	LUMP	LUMP			
	SECTION 0001 TOTAL					
	TOTAL BID					

SPECIAL PROVISION
SECTION 403
HOT MIX ASPHALT

Desc. Of Course	Grad Design.	Item Number	Bit Cont. % of Mix	Total Thick	No. Of Layers	Comp. Notes
<u>3" Overpass Bridge Deck</u>						
Wearing	12.5 mm	403.2081	N/A	1½"	1	2,5,7,12,30
Base	12.5 mm	403.2131	N/A	1½"	1	2,5,8,12,30
<u>7" – Route 1 By-Pass.</u>						
Wearing	12.5 mm	403.2081	N/A	1½"	1	5,7,12,30
Base	12.5 mm	403.213	N/A	2½"	1	1,5,7
Base	19.0 mm	403.207	N/A	3	1	1,5,7
<u>7" – Route 1 By-Pass SB On Ramp</u>						
Wearing	12.5 mm	403.2081	N/A	1½"	1	5,7,12,30
Base	12.5 mm	403.213	N/A	2½"	1	1,5,7
Base	19.0 mm	403.207	N/A	3"	1	1,5,7
<u>7" – Route 236</u>						
Wearing	12.5 mm	403.2081	N/A	1½"	1	5,7,12,30
Base	12.5 mm	403.213	N/A	2½"	1	1,5,7
Base	19.0 mm	403.207	N/A	3"	1	1,5,7
<u>2" – Sidewalks, Drives, Islands and Incidentals</u>						
Wearing	9.5 mm	403.209	N/A	2"	2/more	2,3,10,14

COMPLEMENTARY NOTES

1. The required PGAB for this mixture will meet a **PG 64-28** grading.
2. The density requirements are waived. The use of an oscillating steel roller shall be required to compact all HMA pavements placed on bridge decks in addition to the normal roller train.
3. The design traffic level for mix placed shall be <0.3 million ESALS.
5. The aggregate qualities shall meet the design traffic level of 3 to <10 million ESALS for mix placed under this contract. The design, verification, Quality Control, and Acceptance tests for this mix will be performed at **75 gyrations**.
7. Section 106.6 Acceptance, (1) Method A.
8. Section 106.6 Acceptance, (2) Method B. The Contractor may request a contract modification to change to testing method "A" prior to work starting on this item.
10. Section 106.6 Acceptance, (2) Method D.
12. The combined aggregate gradation required for this item shall be classified as a 12.5mm "**fine graded**" mixture, (using the Primary Control Sieve control point) as defined in 703.09.
14. The combined aggregate gradation required for this item shall be classified as a 9.5mm Thin Lift Mixture (TLM) mixture, using the Aggregate Gradation Control Points as defined in 703.09.
30. The required PGAB shall be a storage-stable, pre-blended, homogeneous, polymer modified asphalt binder that meets **PG 64E-28** grading requirements in AASHTO MP 19.

Kittery
WIN 019283.00
Route 1
Bridge Replacement
January 16, 2014

Tack Coat

A tack coat of emulsified asphalt, RS-1, Item 409.15 shall be applied to any existing pavement at a rate of approximately 0.025 gal/yd², and on milled pavement approximately 0.05 gal/yd², prior to placing a new course. A fog coat of emulsified asphalt shall be applied between shim / intermediate course and the surface course, at a rate not to exceed 0.025 gal/yd².

Tack used between layers of pavement will be paid for at the contract unit price for Item 409.15 Bituminous Tack Coat.