



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

JOHN ELIAS BALDACCI
GOVERNOR

DAVID A. COLE
COMMISSIONER

December 14, 2010
Subject: **Acton & Newfield**
Federal Project No: BR-1667(600)X
State Pin No: 016676.00
Amendment No. 3

Dear Sir/Ms:

Make the following changes to the Bid Documents:

In the Bid Book (pages 4 thru 7), **REMOVE** the "SCHEDULE OF ITEMS" 4 pages dated 101117 and **REPLACE** with the attached new "SCHEDULE OF ITEMS" 4 pages dated 101213.

In the Bid Book (pages 67 and 68), **REMOVE** "SPECIAL PROVISION, SECTION 403, HOT MIX ASPHALT" 2 pages dated September 14, 2010, and **REPLACE** with the attached new "SPECIAL PROVISION, SECTION 403, HOT MIX ASPHALT" 2 pages dated December 13, 2010

In the Plans, SHEET NUMBER 2 OF 166, ESTIMATED QUANTITIES, **DELETE** in its entirety, Item No."652.41 – PORTABLE CHANGEABLE MESSAGE SIGN – 2 – EA". Make this change in pen and ink.

In the Plans, SHEET NUMBER 2 OF 166, **ADD** the following General Construction Note in pen and ink;

"20. Two bridge closure notice signs shall be erected at the bridge site one week prior to the closure. The contractor shall submit the proposed sign for approval to the Resident prior to fabrication. Detour traffic control devices shall be in place and approved prior to activating the detour and closing the bridge."

The following questions have been received:

Question: Would the Department consider adding a temporary traffic signal to the bid items?

Response: No, the pay item for temporary traffic signals will not be added. If a lane closure is needed then the Contractor shall use the MUTCD typical application for a lane closure on a two-lane road with low traffic volume.



PRINTED ON RECYCLED PAPER

Question: Where would the 2 message boards most likely be stationed?

Response: The pay item 652.41 Portable Changeable Message Sign has been removed from the schedule of items. A General Construction Note was added regarding additional signs needed; please see the bid amendment.

Question: Plan Sheet 4, Approach Details calls out “3” HMA”; SP 403, page 67 lists a total of 4” – please verify depth intended.

Response: The intended pavement depth is 3”. Special Provision 403 has been changed; please see the bid amendment.

Consider these changes and information prior to submitting your bid on December 15, 2010.

Sincerely,

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

Scott Bickford
Contracts & Specifications Engineer

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 016676.00

PROJECT(S): BR-1667(600)X

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
SECTION 0001 PROJECT ITEMS						
0010	203.20 COMMON EXCAVATION	312.000 CY				
0020	203.2315 DISPOSAL OF DREDGE MATERIAL	22.000 T				
0030	203.24 COMMON BORROW	181.000 CY				
0040	203.25 GRANULAR BORROW	85.000 CY				
0050	203.33 SPECIAL FILL	45.000 CY				
0060	206.082 STRUCTURAL EARTH EXCAVATION - MAJOR STRUCTURES	123.000 CY				
0070	304.10 AGGREGATE SUBBASE COURSE - GRAVEL	518.000 CY				
0080	403.208 HOT MIX ASPHALT 12.5 MM HMA SURFACE	52.000 T				
0090	403.213 HOT MIX ASPHALT 12.5 MM BASE	52.000 T				
0100	409.15 BITUMINOUS TACK COAT - APPLIED	12.000 G				

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 016676.00

PROJECT(S): BR-1667(600)X

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0110	508.14 HIGH PERFORMANCE WATERPROOFING MEMBRANE	LUMP	LUMP			
0120	511.07 COFFERDAM: DOWNSTREAM	LUMP	LUMP			
0130	511.07 COFFERDAM: UPSTREAM	LUMP	LUMP			
0140	526.30 TEMPORARY CONCRETE BARRIER - TYPE 1	80.000 LF				
0150	534.71 PRECAST CONCRETE BOX CULVERT	LUMP	LUMP			
0160	606.23 GUARDRAIL TYPE 3C - SINGLE RAIL	340.000 LF				
0170	606.231 GUARDRAIL TYPE 3C - 15 FOOT RADIUS AND LESS	25.000 LF				
0180	606.265 TERMINAL END - SINGLE RAIL - GALVANIZED STEEL	1.000 EA				
0190	606.353 REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	8.000 EA				
0200	606.78 LOW VOLUME GUARDRAIL END - TYPE 3	2.000 EA				
0210	606.79 GUARDRAIL 350 FLARED TERMINAL	1.000 EA				

SCHEDULE OF ITEMS

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CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0220	610.16 HEAVY RIPRAP	730.000 CY				
0230	615.07 LOAM	16.000 CY				
0240	618.1411 SEEDING METHOD NUMBER 3 - PLAN QUANTITY	3.000 UN				
0250	619.1201 MULCH - PLAN QUANTITY	3.000 UN				
0260	620.58 EROSION CONTROL GEOTEXTILE	410.000 SY				
0270	627.76 TEMPORARY PVMT. MARK LINE, W OR YELLOW	LUMP	LUMP			
0280	629.05 HAND LABOR, STRAIGHT TIME	20.000 HR				
0290	631.12 ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	10.000 HR				
0300	631.172 TRUCK - LARGE (INCLUDING OPERATOR)	10.000 HR				
0310	631.27 VIBRATING ROLLER (INCLUDING OPERATOR)	30.000 HR				
0320	652.312 TYPE III BARRICADE	4.000 EA				

SCHEDULE OF ITEMS

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CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0330	652.33 DRUM	10.000 EA				
0340	652.34 CONE	20.000 EA				
0350	652.35 CONSTRUCTION SIGNS	250.000 SF				
0360	652.36 MAINTENANCE OF TRAFFIC CONTROL DEVICES	56.000 CD				
0370	652.38 FLAGGER	300.000 HR				
0380	656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LUMP	LUMP			
0390	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>Travel Way and Shoulder Full Construction Areas</u>						
Wearing	12.5 mm	403.208	N/A	1.5 in	1	4,10,17
Base	12.5 mm	403.213	N/A	1.5 in	1	4,10,17

COMPLEMENTARY NOTES

4. The design traffic level for mix placed shall be 0.3 to <3 million ESALS. The design, verification, Quality Control, and Acceptance tests for this mix will be performed at **50 gyrations.**
10. Section 106.6 Acceptance, (2) Method D - For hot mix asphalt items designated as Method D in Special Provision Section 403 --Hot Mix Asphalt, one sample will be taken from the paver hopper or the truck body per **100** ton, per pay item. The mix will be tested for gradation and PGAB content. Disputes will not be allowed. If the mix is within the tolerances listed in Table 9, below the Department will pay the contract unit price.

Table 9

Property	USL and LSL
	Method D
Percent Passing 4.75 mm [No. 4] and larger sieves	Target ± 7
Percent Passing 2.36 mm [No. 8] to 1.18 mm [No. 16] sieves	Target ± 5
Percent Passing 0.60 mm [No. 30]	Target ± 4
Percent Passing 0.30 mm [No. 50] to 0.075 mm [No. 200] sieve	Target ± 3
PGAB Content	Target ± 0.5
In -Place Density	Minimum 92.5

If the test results for each **100**-ton increment are outside these limits the following deductions, (Table 9b) shall apply to the HMA quantity represented by the test. A second consecutive failing test shall result in cessation of production

TABLE 9b

PGAB Content	-5%
2.36 mm sieve	-2%
0.30 mm sieve	-1%
0.075 mm sieve	-2%
In-Place Density	see note 17

Acton
Acton Ridge Road
PIN 16676.00
September 14, 2010

17. The Contractor shall cut two (2) 6-inch cores per 100 ton per pay item, which shall be tested for percent TMD per AASHTO T-269. If the average of the two test results is below 92.5%, the area represented by the test will be isolated and tested separately. A minimum of two additional cores shall be randomly selected from the isolated area. If the core results from the isolated area average below 92.5 %, the effected area shall be removed and replaced at the expense of the Contractor for the full lane width to the limits determined by the Department..

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 0.5 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.