



Paul R. LePage
GOVERNOR

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

August 1, 2011
Subject: **South Portland**
Federal Project No: BR-1106(200)X
State PIN: 011062.00
Amendment No. 2

David Bernhardt
COMMISSIONER

Dear Sir/Ms:

Make the following changes to the Bid Document:

In the Bid Book (pages 4 thru 11) **REMOVE** the "SCHEDULE OF ITEMS" 8 pages dated 110706 and **REPLACE** with the attached new "SCHEDULE OF ITEMS" 8 pages dated 110801.

In the Bid Book (pages 84 & 85) **REMOVE** "SPECIAL PROVISION, SECTION 403, HOT MIX ASPHALT" 2 pages dated June 28, 2011 and **REPLACE** with the attached new "SPECIAL PROVISION, SECTION 403, HOT MIX ASPHALT" 2 pages dated August 1, 2011.

The following questions have been received:

Question: Special Provision, Section 403 references Note 1 for the wearing surface and binder and base courses. This requires the mixture to be PG 70-28 to PG 76-28. The Item Number 403.213 listed is not a Polymer Modified Mix, please clarify.

Response: Please see the attached new Schedule of Items and Special Provision, Section 403.

Question: Note 5 in Special Provision 403 requires 75 gyrations as an acceptable test, should this be 50 gyrations?

Response: No, 75 gyrations is correct.

Consider this change and information prior to submitting your bid on August 3, 2011.

Sincerely,

Scott Bickford
Contracts & Specifications Engineer



PRINTED ON RECYCLED PAPER

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 011062.00

PROJECT(S): BR-1106(200)X

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
SECTION 0001 PROJECT ITEMS						
0010	202.15 REMOVING MANHOLE OR CATCH BASIN	6.000 EA				
0020	202.19 REMOVING EXISTING BRIDGE	LUMP	LUMP			
0030	202.202 REMOVING PAVEMENT SURFACE	1800.000 SY				
0040	203.20 COMMON EXCAVATION	3900.000 CY				
0050	203.25 GRANULAR BORROW	200.000 CY				
0060	206.061 STRUCTURAL EARTH EXCAVATION - DRAINAGE AND MINOR STRUCTURES, BELOW GRADE	50.000 CY				
0070	304.08 AGGREGATE BASE COURSE - SCREENED	1350.000 CY				
0080	403.2081 12.5 MM POLYMER MODIFIED HOT MIX ASPHALT	525.000 T				
0090	403.209 HOT MIX ASPHALT 9.5 MM (SIDEWALKS, DRIVES, INCIDENTALS)	220.000 T				
0100	403.211 HOT MIX ASPHALT (SHIMMING)	10.000 T				

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CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0110	403.213 HOT MIX ASPHALT 12.5 MM BASE	350.000 T				
0120	409.15 BITUMINOUS TACK COAT - APPLIED	200.000 G				
0130	603.155 12 INCH REINFORCED CONCRETE PIPE CLASS III	300.000 LF				
0140	603.165 15 INCH REINFORCED CONCRETE PIPE CLASS III	12.000 LF				
0150	603.215 36 INCH REINFORCED CONCRETE PIPE CLASS III	24.000 LF				
0160	604.072 CATCH BASIN TYPE A1-C	8.000 EA				
0170	604.076 60 INCH CATCH BASIN TYPE A1-C	3.000 EA				
0180	604.092 CATCH BASIN TYPE B1-C	5.000 EA				
0190	604.16 ALTERING CATCH BASIN TO MANHOLES	2.000 EA				
0200	604.164 REBUILDING CATCH BASIN	1.000 EA				
0210	604.18 ADJUSTING MANHOLE OR CATCH BASIN TO GRADE	2.000 EA				

SCHEDULE OF ITEMS

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0220	605.09 6 INCH UNDERDRAIN TYPE B	470.000 LF				
0230	606.265 TERMINAL END - SINGLE RAIL - GALVANIZED STEEL	1.000 EA				
0240	606.353 REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	2.000 EA				
0250	606.36 GUARDRAIL REMOVED AND RESET	25.000 LF				
0260	606.363 GUARDRAIL REMOVE AND DISPOSE	1830.000 LF				
0270	608.08 REINFORCED CONCRETE SIDEWALK	20.000 SY				
0280	608.26 CURB RAMP DETECTABLE WARNING FIELD	70.000 SF				
0290	609.11 VERTICAL CURB TYPE 1	610.000 LF				
0300	609.12 VERTICAL CURB TYPE 1 - CIRCULAR	25.000 LF				
0310	609.234 TERMINAL CURB TYPE 1 - 4 FOOT	12.000 EA				
0320	609.238 TERMINAL CURB TYPE 1 - 8 FOOT	1.000 EA				

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0330	609.31 CURB TYPE 3	1040.000				
		LF				
0340	609.35 CURB TYPE 5 - CIRCULAR	13.000				
		LF				
0350	609.38 RESET CURB TYPE 1	1040.000				
		LF				
0360	613.319 EROSION CONTROL BLANKET	250.000				
		SY				
0370	615.07 LOAM	520.000				
		CY				
0380	618.1401 SEEDING METHOD NUMBER 2 - PLAN QUANTITY	50.000				
		UN				
0390	619.1201 MULCH - PLAN QUANTITY	50.000				
		UN				
0400	626.11 PRECAST CONCRETE JUNCTION BOX	5.000				
		EA				
0410	626.22 NON-METALLIC CONDUIT	2000.000				
		LF				
0420	626.25 UNDER PAVEMENT DUCT	80.000				
		LF				
0430	626.32 24 INCH FOUNDATION	8.000				
		EA				

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0440	626.36 REMOVE OR MODIFY CONCRETE FOUNDATION	18.000 EA				
0450	627.733 4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	5000.000 LF				
0460	627.75 WHITE OR YELLOW PAVEMENT & CURB MARKING	620.000 SF				
0470	627.76 TEMPORARY PAVEMENT MARKING LINE, WHITE OR YELLOW	LUMP	LUMP			
0480	627.77 REMOVING PAVEMENT MARKINGS	200.000 SF				
0490	629.05 HAND LABOR, STRAIGHT TIME	20.000 HR				
0500	631.12 ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	40.000 HR				
0510	631.172 TRUCK - LARGE (INCLUDING OPERATOR)	40.000 HR				
0520	631.18 CHAIN SAW RENTAL (INCLUDING OPERATOR)	10.000 HR				
0530	631.20 STUMP CHIPPER (INCLUDING OPERATOR)	10.000 HR				
0540	631.22 FRONT END LOADER (INCLUDING OPERATOR)	25.000 HR				

SCHEDULE OF ITEMS

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0550	631.32 CULVERT CLEANER (INCLUDING OPERATOR)	15.000 HR				
0560	634.16 HIGHWAY LIGHTING	LUMP	LUMP			
0570	634.2042 LED LUMINARIES	8.000 EA				
0580	634.21 CONVENTIONAL LIGHT STANDARD	8.000 EA				
0590	639.19 FIELD OFFICE TYPE B	1.000 EA				
0600	645.106 DEMOUNT REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGN	7.000 EA				
0610	645.116 REINSTALL REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGN	5.000 EA				
0620	645.251 ROADSIDE GUIDE SIGNS	9.000 SF				
0630	645.271 REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGNS, TYPE I	240.000 SF				
0640	645.306 FLEXIBLE REFLECTORIZED DELINEATOR	9.000 EA				

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0650	652.31 TYPE I BARRICADE	10.000				
		EA				
0660	652.311 TYPE II BARRICADE	4.000				
		EA				
0670	652.33 DRUM	130.000				
		EA				
0680	652.34 CONE	130.000				
		EA				
0690	652.35 CONSTRUCTION SIGNS	700.000				
		SF				
0700	652.361 MAINTENANCE OF TRAFFIC CONTROL DEVICES	LUMP	LUMP			
0710	652.38 FLAGGER	1600.000				
		HR				
0720	652.43 PORTABLE CHANGEABLE MESSAGE SIGN - RETAINED BY DEPARTMENT	3.000				
		EA				
0730	656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LUMP	LUMP			
0740	658.20 ACRYLIC LATEX COLOR FINISH, GREEN	680.000				
		SY				
0750	659.10 MOBILIZATION	LUMP	LUMP			

SCHEDULE OF ITEMS

DATE: 110801

REVISED:

CONTRACT ID: 011062.00

PROJECT(S): BR-1106(200)X

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
	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>U.S. Route 1</u>						
Wearing	12.5 mm	403.2081	N/A	1.5 in	1	1,5,8
<u>Ramp "M" Travel Way and Shoulders</u>						
Wearing	12.5 mm	403.2081	N/A	4.0 in	2	1,5,8
Binder	12.5 mm	403.213	N/A	2.0 in	1	5,8,13,16
Base	12.5 mm	403.213	N/A	2.0 in	1	5,8,13,16
<u>U.S. Route 1 Median</u>						
Wearing	12.5 mm	403.2081	N/A	4.0 in	2	1,5,8
Binder	12.5 mm	403.213	N/A	2.0 in	1	5,8,13,16
Base	12.5 mm	403.213	N/A	2.0 in	1	5,8,13,16
<u>Shim Course</u>						
Shim	9.5 mm	403.211	N/A	Varies	1/more	2,5,10,11
<u>Sidewalks, Drives, Islands & Incidentals</u>						
Wearing	9.5 mm	403.209	N/A	2 in	2/more	2,3,10,14

COMPLEMENTARY NOTES

1. The required PGAB for this mixture will meet a **PG 70-28** to **PG 76-28** grading. The use of Recycled Asphalt Pavement (RAP) will not be permitted in mixtures utilizing modified PGAB's.
2. The density requirements are waived. In addition, the use of an oscillating steel roller shall be required to compact all HMA pavements placed on bridge decks.
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**.
8. Section 106.6 Acceptance, (2) Method B.
10. Section 106.6 Acceptance, (2) Method D.
11. A **"FINE"** 9.5 mm mix with a gradation above or through the restricted zone shall be used for this item.
13. A mixture meeting the gradation of 19.0 mm hot mix asphalt may be used at the option of the contractor.
14. A mixture meeting the requirements of section 703.09 Grading 'D', with a minimum PGAB content of 6%, and the limits of Special Provision 401, Table 9 (Drives and Sidewalks) for PGAB content and gradation may be substituted for this item. A job mix formula shall be submitted to the department for approval.

South Portland
11062.00
U.S. Route 1 Ramps “L” & “M”
Bridge Removal
August 1, 2011

16. Any areas reconstructed and exposed to traffic over winter suspension shall have the full depth, full width layers of the HMA base and binder placed prior to the winter suspension of work on the project. All work associated with this item will be required to be done within the standard seasonal limitations and evaluated in accordance with all applicable specifications. Any work performed outside the seasonal limitations dates will be considered temporary and removed and replaced at no cost to the Department when work resumes in the next working season.

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.