



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

Paul R. LePage
GOVERNOR

David Bernhardt
COMMISSIONER

April 5, 2013
Subject: **Windham**
Federal Project No: AC-NH-1907(700)E
State WIN: 019077.00
Amendment No. 2

Dear Sir/Ms:

Make the following changes to the Bid Document:

In the Bid Book (pages 17 thru19) **REMOVE** the "SCHEDULE OF ITEMS" 3 pages dated 130307 and **REPLACE** with the attached new the "SCHEDULE OF ITEMS" 3 pages dated 130405.

In the Bid Book (pages 91 and 92) **REMOVE** "SPECIAL PROVISION, SECTION 403, HOT MIX ASPHALT" 2 pages dated March 8, 2013 and **REPLACE** with the attached new "SPECIAL PROVISION, SECTION 403, HOT MIX ASPHALT" 2 pages dated April 4, 2013

The following questions have been received:

Question: Amendment #1 states that the project will be milled full width, is the quantity correct on the schedule of items?

Response: The Quantity listed in the schedule of items is incorrect, please see new schedule of items.

Question: What is the department's intent pertaining to the final striping? In the construction notes it states the lines cannot be placed until 10 days after the surface is complete and in other locations it states the handwork items must be done in 48 hours. If you have to wait 10 days for the painting of the lines will this affect the completion date?

Response: It is the Department intent to temporary stripe the finish surface within 5 days of placement and then final stripe the project no sooner than days upon completion. Item 627.75 must be placed within 48 hours of surface placement. The placement of 627.733 – final striping will not affect the completion date.

Question: The Quantity for item 202.202 is significantly lower than our takeoff quantity. Please confirm that the bid quantity is correct.



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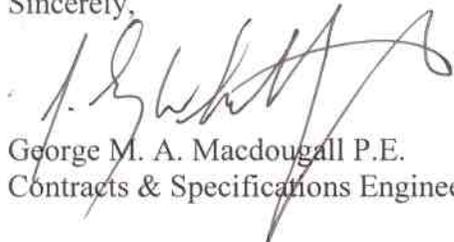
Response: The Quantity listed in the schedule of items is incorrect, please see new schedule of items.

Question: The 403 Specification states that all mixes, including spot shim and hand placed incidentals are to be 70-28 to 76-28 liquid, is this accurate?

Response: The PG 70-20 to PG 76-28 is not required for the shim or the sidewalks. Please see the new Special Provision, Section 403.

Consider these changes and information prior to submitting your bid on April 10, 2013.

Sincerely,


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

BIDDERS MUST ENTER ALL UNIT PRICES, MAKE ALL EXTENSIONS AND TOTAL THE BID.

MAINE DEPARTMENT OF TRANSPORTATION

PAGE: 1

DATE: 130405

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 019077.00

PROJECT(S): AC-NH-1907(700)E

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS

SECTION 0001 HIGHWAY ITEMS

0010	202.202 REMOVING PAVEMENT SURFACE	68010.000 SY				
0020	202.203 PAVEMENT BUTT JOINTS	200.000 SY				
0030	403.2081 12.5 MM POLYMER MODIFIED HOT MIX ASPHALT	8050.000 T				
0040	403.209 HOT MIX ASPHALT 9.5 MM (SIDEWALKS, DRIVES, INCIDENTALS)	200.000 T				
0050	403.211 HOT MIX ASPHALT (SHIMMING)	250.000 T				
0060	409.15 BITUMINOUS TACK COAT - APPLIED	3400.000 G				
0070	608.26 CURB RAMP DETECTABLE WARNING FIELD	192.000 SF				
0080	627.733 4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	31500.000 LF				
0090	627.75 WHITE OR YELLOW PAVEMENT & CURB MARKING	2930.000 SF				
0100	627.76 TEMPORARY PAVEMENT MARKING LINE, WHITE OR YELLOW	LUMP	LUMP			

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 019077.00

PROJECT(S): AC-NH-1907(700)E

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0110	629.05 HAND LABOR, STRAIGHT TIME	10.000 HR				
0120	631.12 ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	10.000 HR				
0130	631.171 TRUCK - SMALL (INCLUDING OPERATOR)	20.000 HR				
0140	631.172 TRUCK - LARGE (INCLUDING OPERATOR)	20.000 HR				
0150	639.19 FIELD OFFICE TYPE B	1.000 EA				
0160	643.86 TRAFFIC SIGNAL LOOP DETECTORS	40.000 EA				
0170	652.33 DRUM	30.000 EA				
0180	652.34 CONE	200.000 EA				
0190	652.35 CONSTRUCTION SIGNS	770.000 SF				
0200	652.36 MAINTENANCE OF TRAFFIC CONTROL DEVICES	35.000 CD				
0210	652.38 FLAGGER	2000.000 HR				

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 019077.00

PROJECT(S): AC-NH-1907(700)E

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0220	652.381 TRAFFIC OFFICER	150.000 HR				
0230	652.41 PORTABLE CHANGEABLE MESSAGE SIGN	8.000 EA				
0240	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>2" Mill & 2" HMA Overlay Areas</u>						
<u>Mainline Travelway, Turn Lanes, & Shoulders</u>						
Wearing	12.5 mm	403.2081	N/A	2"	1	1,5,7,20
<u>Spot Shims – Delaminated Areas as Directed</u>						
Shim	9.5 mm	403.211	N/A	variable	1/more	2,4,10,11
<u>Drives, Misc.</u>						
Wearing	9.5 mm	403.209	N/A	2"	1/more	2,3,10,11,14

COMPLEMENTARY NOTES

1. The required PGAB for this mixture will meet a **PG 70-28** to **PG 76-28** grading. Refer to Special Provision 400 - Polymer Modified PGAB for HMA, for additional testing and documentation requirements.
2. The incentive/disincentive provisions for density shall not apply. Rollers shall meet the requirements of this special provision. The use of an oscillating steel roller shall be required to compact all mixtures pavements placed on bridge decks.
3. The design traffic level for mix placed shall be <0.3 million ESALS. The design, verification, Quality Control, and Acceptance tests for this mix will be performed at **50 gyrations**.
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**.
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.
10. Section 106.6 Acceptance, (2) Method D.
11. The combined aggregate gradation required for this item shall be classified as a 9.5mm "**fine graded**" mixture, (using the Primary Control Sieve control point) as defined in 703.09.
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.

20. The Contractor may place the specified HMA pavement course, not to exceed 2 inch (50mm) compacted depth, over the full single travel lane width, for each production day. If this option is utilized the Contractor will be required to place a matching course of HMA over the adjacent section of travel lane before the end of the following calendar day. The Contractor will also be responsible for installing additional warning signage that clearly defines the centerline elevation differential hazard, as well as additional centerline delineation such as double RPM application, or temporary painted line. The Traffic Control Plan shall be amended to include this option and the additional requirements. All signs and traffic control devices will conform to Section 719.01, and Section 652, and will be installed to the work, at a maximum spacing of 0.50 mile [0.80 km] for the entire length of effected roadway section. On roadways with two-way traffic, the Contractor will be required to place the specified course over the full width of the mainline traveled way being paved prior to opening the sections to weekend or holiday traffic. If this option is utilized, all additional signing, labor, traffic control devices, or incidentals will not be paid for directly, will be considered incidental to the appropriate 652 items.

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 /base courses 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.