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

Paul R. LePage
GOVERNOR

David Bernhardt
COMMISSIONER

August 20, 2018
Subject: Wharf Infill & Building Removal
State WIN: 021942.06
Location: **Portland**
Amendment No. 5

Dear Sir/Ms.:

In Amendment No. 4, the following questions had been received but had incorrect responses:

Amendment No. 4 Response: ~~In SPECIAL SPECIFICATIONS – SECTION 634 – HIGHWAY LIGHTING, Section 634.01 Description (from Amendment No. 3), **REMOVE** Note 14, which begins "Relocation of the existing fire alarm…", and **REPLACE** with "14. Provide new wiring connections for the six existing smoke detectors, the two existing manual pull stations, and the two existing notification appliances in the RUBB Building to the relocated fire alarm control panel." Make this change in pen and ink.~~

Corrected Response: In SPECIAL SPECIFICATIONS – SECTION 634 – HIGHWAY LIGHTING, Section 634.086 Fire Alarm System Modifications (from Amendment No. 3), **REMOVE** Note c., which begins "Provide the replacement of existing…", and **REPLACE** with "c. Provide new wiring connections for the **eighteen** existing heat/smoke detectors, the two existing manual pull stations, and the two existing **audio/visual** appliances in the RUBB Building to the relocated fire alarm control panel." Make this change in pen and ink.

Amendment No. 4 Response: ~~In SPECIAL SPECIFICATIONS – SECTION 634 – HIGHWAY LIGHTING, Section 634.086 Fire Alarm System Modifications (from Amendment No. 3), **REMOVE** Note c., which begins "Provide the replacement of existing…", and **REPLACE** with "c. Provide new wiring connections for the six existing smoke detectors, the two existing manual pull stations, and the two existing notification appliances in the RUBB Building to the relocated fire alarm control panel." Make this change in pen and ink.~~

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Please make the following changes to the Bid Documents:

In the Bid Book:

REMOVE pages 69 – 70, SPECIAL PROVISION – SECTION 403 – HOT MIX ASPHALT PAVEMENT, 2 pages, dated May 18, 2018, and **REPLACE** with the attached, revised SPECIAL PROVISION – SECTION 403 – HOT MIX ASPHALT PAVEMENT, 2 pages, dated August 20, 2018

REMOVE SPECIAL PROVISIONS – SECTION 502 – STRUCTURAL CONCRETE – (QC/QA Acceptance Methods), 1 page, dated August 17, 2018 (from Amendment No. 4), and **REPLACE** with the attached, revised SPECIAL PROVISIONS – SECTION 502 – STRUCTURAL CONCRETE – (QC/QA Acceptance Methods), 1 page, dated August 20, 2018.

The following questions have been received:

Question: Item 501.91 Pile Splices appears to have only 1 splice per every 4 piles on the project. I believe this should be 68 EA not 17. Please advise?

Response: Pile splices which are installed to achieve the estimated pile length are incidental to the linear foot unit price of the pile and is a function of the contractor's supplied pile lengths. The Pile Splice pay item 501.91 is provided to account for variability in site conditions beyond the estimated pile lengths. We have provided a nominal number of pile splices to account for variable site conditions. Therefore, the number of pile splices shown of 17 (one out of every four piles) is correct.

Question: The 502 QC/QA Special with addendum #4 did not have a P factor for the Method A concrete. Please advise?

Response: See attached, revised SPECIAL PROVISIONS – SECTION 502 – STRUCTURAL CONCRETE – (QC/QA Acceptance Methods).

Consider these changes and information prior to submitting your bid on **August 22, 2018**.

Sincerely,

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

SPECIAL PROVISION
SECTION 403
HOT MIX ASPHALT OVERLAY

Desc. of Course	Grad. Design	Item Number	Bit Cont. % of Mix	Total Thick	No. Of Layers	Comp. Notes
9 inch HMA Areas						
Full Depth Pavement Reconstruction - Container Storage Area						
Wearing	12.5mm	403.2081	N/A	1 ½"	1	5,10,30
Wearing	12.5mm	403.2081	N/A	1 ½"	1	5,10,15,30
Base	19.0mm	403.2071	N/A	6"	2	5,10,15,30
Sidewalks, Islands, Misc.						
Wearing	9.5mm	403.209	N/A	1.5"	1/more	1,2,3,10,11,14

COMPLEMENTARY NOTES

1. The required PGAB for this mixture will meet a **PG 64-28** grading.
2. The density requirements are waived.
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**.
10. Section 106.6 Acceptance, (2) Method D. For mixes placed within the Container Storage Area one sample will be taken per day for each mix type placed unless otherwise directed by the Resident.
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. 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..
15. The HMA base pavement section (consisting of all base and first wearing layer) shall be completed before winter suspension. Any base or intermediate base HMA placed after the seasonal limitations shown in Standard Specification - Section 401.06 – Weather and Seasonal Limitations, shall be considered temporary and removed and replaced the following construction season. The Department will not be responsible for costs or time related to the placement, removal or replacement of temporary pavement.
30. The required PGAB shall be a storage-stable, homogeneous, polymer modified asphalt binder that meets **PG 64E-28** grading requirements in AASHTO M 332. All polymer modified asphalt grades utilized on the Project shall be treated with an approved liquid anti-strip. PG binders shall be treated with a minimum 0.50 percent anti-strip by weight of asphalt binder used unless otherwise recommended by the anti-strip manufacturer. The PGAB and anti-strip blend shall meet the **PG 64E-28** requirements. The Contractor shall provide supporting test data showing the PGAB and anti-strip blend meet the required criteria.

Tack Coat

A tack coat of emulsified asphalt, RS-1, RS-1h, CRS-1 or CRS-1h, Item 409.15 shall be applied to any existing pavement at a rate of approximately 0.030 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 surface course as well as to any bridge membrane prior to the placement of HMA layers at a rate not to exceed 0.030 gal/yd². Tack used will be paid for at the contract unit price for Item 409.15 Bituminous Tack Coat.

SPECIAL PROVISIONS
SECTION 502
STRUCTURAL CONCRETE
(QC/QA Acceptance Methods)

CLASS OF CONCRETE	ITEM NUMBER	DESCRIPTION	P	METHOD
LP	502.235	Structural Concrete – Pile Cap and Edge Beams	$450	A
LP	502.411	Structural Concrete – Deck Slab	$450	A
LP	502.451	Structural Concrete – Approach Slab	$450	A
LP	502.605	Structural Concrete – Storage Pad	$450	A
A	501.241	Steel Pipe Piles (16" Dia.) In-Place		C
A	634.75	Utility Pole Foundation	-	C
A	841.4713	Steel Bollard – 12 Inch	-	C

P values listed above reflect the price per cubic yard (yd^3) for all pay adjustment purposes.