



ADDENDUM NO. 2

TO: Interested Parties

FROM: Blair Reynolds,
Chief Project Manager, Division of Engineering

DATE: Wednesday, May 19, 2021

RE: Pavement Maintenance & Rehabilitation Program – FY'21
Supplementary Contract
Hot Mix Asphalt (HMA) Applications
Contract No. MS-PMP-287-28

Acknowledge receipt of this **Addendum No. 2** by signing in the space provided below and returning with your Bid.

Failure to sign and return with your Bid may subject the Bidder to disqualification. This Addendum No. 2 forms a part of the Bid Documents, it supplements and modifies them as outlined herein.

This **Addendum No. 2** consists of 6 pages, including this page and attachments.

I hereby acknowledge receipt of Addendum No. 2:

By: _____ Date _____
Signed Name

Typed Name

Title

For: _____
Firm

80 West Baltimore Street | Hagerstown, MD 21740-6003 | P: 240.313.2460 | TDD: 711

ADDENDUM NO. 2

**Pavement Maintenance & Rehabilitation Program – FY'21
Supplementary Contract
Hot Mix Asphalt (HMA) Applications
Contract No. MS-PMP-287-28**

Date Issued: May 19, 2021

Bids Due: May 26, 2021
10:00 a.m.

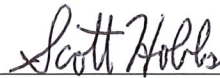
The following addendum material is hereby made a part of the Bid Documents.

Please note the following changes, information, and/or instructions in connection with the proposed work and submit proposals accordingly.



Blair Reynolds
Chief Project Manager
Division of Engineering

By Authority of:
Board of County Commissioners
Washington County, Maryland



Scott Hobbs, P.E.
Director
Division of Engineering

To: All prime Contractors and all others to whom specifications have been issued.

Item 1.01 BID QUESTIONS:

The following additional questions were submitted by the May 15, 2021 at 4:30pm deadline.

Q1: Per Addendum 1, Item 1.03 R1, please issue the Washington County specification for Open Graded Asphalt Treated Base.

R1: Please reference Item 1.03 – Page SP-16RA for specification.

Q2: If patching of designated areas with Crusher Run Aggregate, CR-6, and asphalt millings is required on Items 510 Full Depth Reclamation & 511 Portland Cement, how will those materials be paid?

R2: Designated patch areas will be determined after the initial milling phase of the roadway and will be paid for under Item 503 Contingent – 4” Graded Aggregate Base.

**Item 1.02 Special Provisions, Page SP-16
DELETE in its entirety
REPLACE with Revised SP-16R**

**Item 1.03 Special Provisions – Item No. 508 Open Graded Asphalt Treated Base
INSERT Page SP-16RA**

**Item 1.04 Bid Forms, Page BF-11
DELETE in its entirety.
REPLACE with Revised BF-11R, as attached.**

Attachments:

Revised Special Provisions, Page SP-16R (1 Page)

Revised Special Provisions, Page SP-16RA (1 Page)

Revised Bid Forms, Page BF-11R (1 page)

END ADDENDUM No. 2

place density is equal to or less than 89.9 percent or equal to or greater than 97.1 percent, the materials placed shall be removed and reinstalled at no additional cost to the County.

For every 1.0 percent outside the gradation tolerance, one (1) dollar will be deducted from the Contract unit price bid per ton, for each sieve opening size. In those instances where the test results are outside the tolerance at a value that is more than the range of the tolerance (the difference between the maximum and minimum design value), payment will be refused.

For every 0.10 percent outside the asphalt content tolerance, one (1) dollar will be deducted from the Contract unit price bid per ton. In those instances where the test results are outside the tolerance at a value that is more than the range of the tolerance (the difference between the maximum and minimum design value), payment will be refused.

Dismissal of the payment reduction or refusal will require the Contractor to submit acceptable test results by an approved independent laboratory or submission of a certified mix design that meets test criteria for consideration. The expense of any additional testing shall be the responsibility of the Contractor.

Item No. 508 – OPEN GRADED ASPHALT TREATED BASE

.01 DESCRIPTION. Furnish and place a single course of open graded asphalt treated base (OGATB) in the pavement section in conformance with the lines, grades, and typical cross sections and requirements shown in the Contract Documents or as directed. OGATB is an aggregate mixture stabilized with asphalt cement.

.02 MATERIALS.

Aggregates	MDOT SHA Standard Section 901
Performance Graded Asphalt Binders and HMA	MDOT SHA Standard Section 904
Production Plants	MDOT SHA Standard Section 915
Miscellaneous	MDOT SHA Standard Section 916

Mix Design. Submit a mix design for the OGATB for approval to the Engineer and to the Office Materials Technology's (OMT) Asphalt Technology Division at least 30 days prior to placement. The submittal shall include the complete mix design showing the source of materials, the percentage of asphalt cement based upon the weight of the total mix, and the gradation of the mix. Work will not be allowed to commence without approval.

Open Graded Asphalt Treated Base (OGATB) shall conform to applicable sections of both 901, and MSMT 409, and the following requirements:

GRADATION AND ASPHALT CONTENT:

Sieve Size	Mixture Control Tolerance, %	Design Gradation Limits, % Passing
		OGATB
1.5 in (37.5 mm) sieve	±0.0	100
1 in (25 mm) sieve	±5.0	95-100
3/4 in (19 mm) sieve	-	-
1/2 in (12.5 mm) sieve	±5.0	25-60
3/8 in (9.5 mm) sieve	-	-
No. 4 (4.75 mm) sieve	±6.0	2-10
No. 8 (2.36 mm) sieve	±4.5	2-5
No. 200 (75 µm) sieve	±2.0	2-5
Range for % AC	±0.4	2
Drain-down (D6390), % (a)		<0.3

(a) Conduct drain-down test on loose mix at a temperature 15°C higher than anticipated production temperature. If required value is not met, an approved antistripping agent may be added to meet the required drain-down value.

Crushed glass, roofing shingles, RAP or other recycled materials are not allowed in OGATB mixes.

PHYSICAL PROPERTIES:

TYPE TEST	TEST METHOD	LIMITS
Asphalt Binder	M 332	PG 64S -22
Air Voids, %	D3203 (b)	16% min.
Permeability (c)	MSMT 408	

- (b) Use geometric measurements of diameter and height to determine volume of samples. Do not use the Saturated Surface Dry procedure.
- (c) Report Permeability Results within mix design submission.

BID FORMS

CONTRACT NO. MS-PMP-287-28

BID BOND

A Bid Bond shall be submitted on American Institute of Architects Document A310, 2010 Edition; to be furnished by the bidder.

BF-11R