JULIUS ALSANDOR
MAYOR

The City of Opelousas
LOUISIANA
Perfectly Seasoned.

105 NORTH MAIN ST.
P.O. BOX 1879
OPELOUSAS, LA 70571-1879
(337) 948-2520
FAX (337) 948-2593

LEGAL NOTICE
ADVERTISEMENT FOR BIDS

Notice is hereby given that sealed bids will be received by the Mayor and Board of Aldermen of the City of Opelousas, Louisiana, at the City Hall Municipal Plaza, 105 N. Main Street, of said City up to the hour of 5:00 o'clock p.m. on

Tuesday, March 8, 2022

and then and there publicly opened and read aloud for furnishing of the following to wit:

Bid #02-22

TYPE E MULTI-GRADE MIX AND TYPE B COLD MIX

Specifications may be examined or obtained at the office of the City Clerk of the City of Opelousas, Louisiana during the office hours from Monday through Friday of any week or online on the City of Opelousas website at www.cityofopelousas.com and at https://lamats.eauctionservices.com/.

Bids may be submitted in sealed envelope addressed to the City Clerk of the City of Opelousas, Louisiana before the above-mentioned time and date.

Bids may also be submitted electronically through LaMATS e-Auction Services (EASiBUY) https://lamats.eauctionservices.com/.

All potential bidders may register at the website address at no charge to access the full specifications and to receive email notification of changes to the solicitation.

A $300.00 Electronic Platform Fee will be payable upon award by the awarded vendor whether having submitted a bid by sealed envelope or electronically.

The City of Opelousas reserves the right to reject any and all bids and to waive informalities or irregularities in bids received.

DONE AND SIGNED at Opelousas, Louisiana, on this 8th day of February 2022.

ATTEST:

/s/ Julius Alsandor
MAYOR

/s/ Leisa S. Anderson
CITY CLERK

Pub. 2T, 02/16/2022, 02/20/2022

ALDERMEN
MARVIN RICHARD, ALDERMAN AT LARGE · MILTON BATISTE, DISTRICT A · FLOYD FORD, DISTRICT B · CHARLES CUMMINGS, DISTRICT C
SHERELL ROBERTS, DISTRICT D · CHASITY DAVIS, DISTRICT E

An Equal Opportunity/Affirmative Action Employer

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INSTRUCTIONS TO BIDDERS
BIDS FOR TYPE E MULTI-GRADE MIX AND TYPE B COLD MIX (BID #02-22)
MARCH 8, 2022 @ 5:00 P.M.

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MAILED TO:	HAND-DELIVERED TO:
CITY OF OPELOUSAS CITY CLERK'S OFFICE P. O. BOX 1879 OPELOUSAS, LA 70571-1879	CITY OF OPELOUSAS CITY CLERK'S OFFICE @ CITY HALL 105 N. MAIN STREET OPELOUSAS, LA 70570

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SEALED AND ELECTRONIC BIDS WILL BE OPENED AND READ ALOUD ON TUESDAY, MARCH 8, 2022, AT 5:00 P.M. AT THE REGULAR MEETING OF THE MAYOR AND BOARD OF ALDERMEN IN THE MEETING ROOM AT CITY HALL MUNICIPAL PLAZA, 105 N. MAIN STREET.

ALDERMEN
MARVIN RICHARD, ALDERMAN AT LARGE · MILTON BATISTE, DISTRICT A · FLOYD FORD, DISTRICT B · CHARLES CUMMINGS, DISTRICT C
SHERELL ROBERTS, DISTRICT D · CHASITY DAVIS, DISTRICT E

LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
SPECIFICATIONS

ASPHALTIC MIXTURES FOR COLD APPLICATION

DESCRIPTION: This material consists of a mixture of aggregates and asphaltic materials. The mixture shall be one of the following types, as specified:

Type A - Stone
Type B - Expanded Clay
Type C - Crushed Gravel with Sand
Type D - High Performance Cold Mix (Alternate 1 or 2)
Type E - Multigrade Cold Mix

To obtain equivalent volumes of mixtures, the required tonnage of Types A, C, or D mixtures will be 225 percent higher than the required tonnage of Type B mixture.

GENERAL REQUIREMENTS: The material shall:

(a) Be workable at a minimum temperature of 0°F (-15°F for Type D) without being heated.
(b) Adhere to both concrete and asphaltic surfaces which are damp or wet.
(c) Be unaffected by salt or de-icing compounds.
(d) Be noncaustic, nontoxic, and nonflammable.
(e) Be shipped in small containers (5-gallon, 55-gallon), bags, or in bulk for stockpiling, as specified.
(f) Remain usable in uncovered stockpiles for at least 6 months (12 months for Type D).
(g) Be uniform and not require re-mixing prior to use.

PERFORMANCE TESTING: The mixture of aggregates and asphaltic materials will be subjected to Water Susceptibility of Asphaltic Concrete Materials [DOTD TR 317, Step 5(e) thru 5(h)]. Mixtures which exhibit stripping of asphaltic material on more than 5 percent of the aggregate surface will be rejected.

COMPOSITION: Aggregate and asphaltic material shall be combined in such proportions that the mixture meets the following requirements:

	% By Weight				
	Type A	Type B	Type C	Type D	Type E
Aggregate	94-96	85-92	93-96	93-95.5	92-96
Residual Asphalt	4-6	8-15	4-7	4.5-7	4-8

MATERIALS: Test methods shall be the latest in effect.

(a) Aggregates: Aggregates shall conform to Subsection 1003.06 of the Standard Specifications, shall be from an approved source listed on the Qualified Products List No. 2, and shall conform to the following gradation when tested in accordance with DOTD TR-113.

	% Passing by Weight			
U. S. Sieve	Type A	Type B	Type C[2]	Type D[3] & E[3]
3/4"	---	100	100	---
1/2"	---	90-100	95-100	100
3/8"	100	---	---	90-100
No. 4	50-100	35-70	60-90	20-55
No. 8	---	---	---	5-30
No. 10	5-25	18-40	40-70	---
No. 16	---	---	---	0-10
No. 30	---	---	---	0-7
No. 40	2-10	0-20	15-40	---
No. 50	---	---	---	0-5
No. 200[1]	0-5	0-10	0-10	0-2.5

[1]Hydrated lime conforming to ASTM C-207, Type N may be used.
[2]Crushed Aggregate shall have 70 percent minimum crushed faces as determined in accordance with DOTD TR-306. Mixture shall have a minimum of 50 percent crushed aggregate.
[3]Crushed Aggregate shall have 70 percent minimum crushed faces as determined in accordance with DOTD TR-306. Mixture shall have a minimum of 100 percent crushed aggregate.

(b) Binder:

(1) Type A Mixture: Binder shall be either RC-250 cutback asphalt, MC-250 cutback asphalt, or AE 300 S polymerized emulsion. RC-250 cutback asphalt and MC-250 cutback asphalt shall conform to Section 1002 with or without additives; additives may include approved anti-strip additives listed on Qualified Products List No. 57 and/or approved plasticizers. AE 300 S polymerized emulsion shall conform to the following requirements.

The base asphaltic material shall be polymerized prior to emulsification.

TEST ON EMULSION:	TEST METHOD	SPECIFICATION
Viscosity, 25°C (77°F), SSF, min.	AASHTO T-59	50
Sieve Test (Retained on No. 20), %, max.	AASHTO T-59	0.10
Residue by Distillation, % by wt., min. (Max. distillation temperature 400°±10°F)	AASHTO T-59	65
Oil Distillate, ml oil/100 g emulsion, max.	AASHTO T-59	7.0
Water by Distillation, % by wt., max.	AASHTO T-59	30
TEST ON RESIDUE:	TEST METHOD	SPECIFICATION
Float Test @ 60°C (140°F), sec., min.	AASHTO T-50	1200
Penetration, 25°C (77°F), 50 g, 5 sec., min.	AASHTO T-49	300
Solubility, %, min.	AASHTO T-44	97.5
Tensile Stress, -10°C (14°F), 500 mm/min. rate of elongation, @ 800% elongation, kb/cm², min.	ASTM D-412[1]	0.05

[1]The residue asphalt for running tensile stress test shall be obtained by means of residue by evaporation (oven) rather than residue by distillation (Aluminum-alloy Still). The material supplier shall certify by independent testing that the Tensile Stress requirements have been obtained.

(2) Type B Mixture: Binder shall be either AE 300 S polymerized emulsion conforming to Heading (1) above, or CMS-2 emulsified asphalt conforming to Section 1002 with the following modifications for a source listed on Qualified Products List No. 41 and conforming to the following requirements.

		Percent of Contract Unit Price/Shipment		
		Specifications	Deviations	
	Test Method	100	80	50 or Reject[1]
Viscosity, 50°C(122°F), SSF	AASHTO T-59	50-450	26-49 451-499	25- 500+
Residue by Distillation, % by wt, min.	AASHTO T-59	65	61-64	60-
Oil Distillate by Volume, %, max.	AASHTO T-59	12	---	---
Particle Charge	DOTD TR-311	Pos	---	Neg.
Sieve Test (Retained on No. 20), max.	AASHTO T-59	0.1	---	---
Settlement, 5 Days, %, max.	AASHTO T-59	5	---	---
TESTS ON RESIDUE				
Solubility, %, min.	AASHTO T-44	97.5	---	---
Float Test @ 122°F, s	AASHTO T-50	100-250	---	---

[1]At the option of the Department.

(3) Type C Mixture: Binder shall be either AE 300 S polymerized emulsion conforming to Heading (1) above, RC-250 cutback asphalt, or MC-250 cutback asphalt conforming to Section 1002 with an anti-strip additive conforming to Heading (c) and listed on Qualified Products List No. 57 added at the approximate rate of 0.5 percent by weight of RC-250 or MC-250 and thoroughly mixed with the cutback asphalt.

(4) Type D Mixture:

a. Type D Mixture (Alternate 1): Binder shall be a liquid asphalt blend. When prepared from a base asphalt stock of either 85-100 pen, 120-150 pen, AC-10, AC-20, AR-2000, or AR-4000, it shall conform to the following requirements:

	TEST METHOD	SPECIFICATION
Flash Point (TOC), min.	AASHTO T-48	94°C
Kenematic Viscosity, 60°C	AASHTO T-201	500-2000
Water, %, max.	AASHTO T-55	0.2
Distillate Test, (Vol. of Orignal Sample)	AASHTO T-78	
To 225°C, %		None
To 260°C, %		0-5
To 315°C, %		0-25
Residue from Distillate, 360°C, %		72-95

RESIDUE TESTS	TEST METHOD	SPECIFICATION
Abs. Viscosity, 60°C, Poises	AASHTO T-202	125-425
Penetration[1] (Using Cone Method), min.	AASHTO T-49	180
Ductility, 4°C, 1 cm/min., min.	AASHTO T-51	100
Solubility, %, min.	AASHTO T-44	99

[1]This test shall be performed in accordance with (AASHTO T 49), except that a penetration cone conforming to ASTM D-217 shall be used in place of the standard penetration needle. The total moving weight of the cone and attachments shall be 150+0.1 gram. The transfer dish water level shall be lowered to less than the height of the sample, and then water from the top of the sample shall be decanted before transferring from the bath to the penetrometer.

b. Type D Mixture (Alternate 2): The binder shall be an asphalt emulsion and meet the following specification requirements. The asphalt shall be polymer modified prior to emulsification. The emulsion should be classified as a high-float, mixing grade type utilizing a polymer modified asphalt base.

23A

TEST ON EMULSION:	MIN.	MAX.
Viscosity @ 77°F, SSF	75	400
Sieve Test %: (Retained on No. 20), %	---	0.1
24-Hour Storage Stability, % (Note 1)	---	1
Stone Coating	Pass	---
Residue from Distillation @ 250°F, %	65	---
Oil Portion from Distillation, ml of oil per 100g emulsion	---	7
TEST ON RESIDUE FROM DISTILLATION:		
Solubility, %	97.5	---
Float @ 140°F, s	1200	---
Penetration @ 77°F, 0.1mm	300	---
TEST ON CURED RESIDUE:[1]		
Elastic Recover @ 50°F, %	30	---

[1]Method of Curing: Two rolling thin film containers of as-received cutback shall be poured and tested in accordance with AASHTO T 240 with the following exceptions: 1. The oven shall be operated at 231.8 ± 1.0°F as measured in the plenum, 2. The oven shall be leveled so that the horizontal axes of the glass containers are tilted 1.06° (approximately 1 cm rise in 54 cm), higher in the front (door opening) of the oven when in position in the carriage and 3. The time of test shall be 4 hours ± 15 minutes. Note 1: The undisturbed emulsion shall show no white, milky substance at either the top or bottom of the test cylinder after the 24-hour period.

(5) Type E Mixture: The binder shall be a multigrade asphalt cement conforming to the following requirements.

	Test Method	Minimum	Maximum
Viscosity @ 25°C, s^{-1}, P	AASHTO T-202	1,000	10,000
Flash Point, °C	AASHTO T-48	66	---
DISTILLATE TEST			
Volume % of Total Distillate to 360°C to 225°C to 260°C to 316°C	ASTM D-402	 0 0 40	 3 5 80
Residue from Distillate to 360°C, % Volume by Difference	---	78	---
TESTS ON RESIDUE FROM DISTILLATE			
Penetration @ 25°C, 100g, 5s, dmm	AASHTO T-49	100	250
Float Test @ 60°C, s	AASHTO T-50	1,200	---
Solubility, %	AASHTO T-44	99.0	---
Water, %	ASTM D-95	---	1.0

23B

(c) Anti-Strip Additives: Anti-strip additives shall be approved products listed on QPL-57. One or more asphalt additives to prevent stripping of the asphalt from the aggregate in the presence of water and promote bonding to damp or wet surfaces shall be incorporated into the mixture. The additive(s) shall be incorporated into the emulsion at the point of origin or be metered in at the mix plant to provide a uniform concentration of the agent(s).

PREPARATION OF MIXTURE: The approved aggregate shall be surface dried. When heat is applied, the mixed temperature shall not exceed 180°F. The asphalt blend shall be heated to a temperature of between 150° and 250°F. The mixture shall be mixed until all of the ingredients are uniformly coated.

PLANT AND EQUIPMENT: Storage facilities and all equipment used in the preparation of the mixture shall be approved by the Department. The materials for individual batches shall be measured accurately either by volume or by weight, using approved methods and equipment.

A batch-type mixer, drum mixer, continuous mixer, or pug mill of approved design and capacity shall be used in mixing the ingredient materials. An approved dryer shall be available for surface drying the aggregate.

SAMPLING: All materials will be sampled in accordance with the Materials Sampling Manual.

MEASUREMENT AND PAYMENT: Measurement and payment will be by the ton of 2,000 pounds. When Type D is specified the supplier shall have the option of furnishing either Alternate 1 or 2 unless otherwise specified by the Department.

If the asphaltic material does not conform to specifications, the mixture shall be replaced at no additional cost to the Department.

23C

S2252. Requests for bids and proposals to contain reference to preference

All requests for bids and proposals for any purchase shall contain the words: "Preference is hereby given to materials, supplies and provisions, produced, manufactured or grown in Louisiana, quality being equal to articles offered by competitors outside of the state".

Added by Acts 1958, No. 318, S2.