

BID FORM

BIDS ON "ALL SEASONAL" PRE-COATED COLD ASPHALT MATERIAL

Sealed bids are invited and will be received by the Acadia Parish Police Jury, until Tuesday, May 19, 2015 at 10:30 A.M., in the Office of the Police Jury, 505 N.E. Court Circle, Administrative Office Building, Crowley, Louisiana, for the purchase of All Seasonal Pre-Coated Cold Asphalt Material of the Parish for the period beginning July 1, 2015 through June 30, 2016.

All Seasonal Pre-coated Asphaltic Concrete Patching Material (stockpile storage)

- 1.1 Description: Provide an all seasonal asphaltic concrete mixture for stockpile patching mix for maintenance. The mixture must remain workable in the stockpile for six months and have good adhesion to wet surfaces in asphalt or concrete. The mixture is a crushed stone asphaltic concrete with asphalt additives.

Provide the mix as designated on the plans or requisition and have the following combinations of asphalt and aggregate listed in Table 1.

Table 1
Asphalt and Aggregate Combinations

Aggregate	Asphalt
	1
Graduation 1	

- 1.2 Units of measurements: The values given in parantheses (if provided) are not standard and may not be exact mathematical conversions. Use end system of units separately. Combining values from the two systems may result in nonconformance with standard.

- 1.3 Materials:

A. Asphaltic Materials – provide ASPPM in accordance with the requirements below. Provide asphaltic material for use as designated by the engineer on the plans or requisition.

1. All season pre-coated patching mixture (ASPPM) . Use only aggregate graduation 1 to produce ASPPM. Pre-coat the aggregate with a minimum of 1% AC-10, AC-20, AC-30, PG64-22 or equivalent material with item 300, "asphalt, oils, and emulsions". Use on asphalt material to produce ASPPM in accordance with Table 2.

Table 2
Asphalt Material Properties for ASPPM

Property	Test Procedure	Min	Max
Kinematic viscosity, 140°F CST	T-201	400	600
Water, %	T-55	-	0.1
Flash point, TOC, °F	T-79	250	
Distillation Test	T-78		
Distillate, percent by volume of total			
Distillate to 680°F			
Distillate to 437°F		0	0
Distillate to 500°		0	0
Distillate to 600°F		55	-
Residue from Distillation, volume %		80	-
Penetration, 100g. 5 sec. 77°F	T-49	300	-
Ductility, 5cm/min, 39.2°F	T-51	100	-
Solubility in Trichloroethylene, %	T-44	99	-

Note: T is an acronym for AASHTO test procedures.

- B. Asphaltic Additives: use one or more asphalt additives into the mixture to prevent stripping of the asphalt from the aggregate in the presence of water and promote bonding to damp or wet surfaces. Add the additives to the asphalt material at the point of origin or meter in at the mix plant to provide a uniform concentration of the agents. The engineer will approve the type and amount of additives used in the design stage based on resistance to stripping to promote the desired bonding and workability characteristics.
- C. Distillate: Furnish the distillate that meets the requirements for No. 1 or No. 2 diesel, ASTM D975 with the exception that the maximum water content does not exceed 0.2%.
- D. Aggregate: Furnish aggregate that meets the requirements for aggregate as specified in Table 5.

9202.4 Mixture Properties:

- A. General Testing: produce a mixture according to the mixture property requirements listed in Table 3.

Table 3
Mixture Property Testing Requirements (ASPPM)

Property	Test Procedure	Min	Max
Asphalt content, exclusive of volatiles, percent by weight	Tex-210-F	4.0	6.0
Moisture content, percent by weight	Tex-212-F		1.0
Hveem stability of As received mix (no coring)			
At 77± 2° F (molded at 77± 2° F	Tex-208-F	35	

- 1. Minimum asphalt content required for ASPPM is 5.0 %

Table 4
Laboratory – molded density requirements ASPPM

Minimum	Maximum	Optimum
90.0	93.0	91.5

Table 5
Aggregate gradation requirements for ASPPM (% passing by weight)

Percent Passing	
Sieve Size	Graduation
¾"	100
½"	100
3/8"	100
No. 4	70-100
No. 10	10-40
No. 40	0-25
No. 80	0-10
No. 200	0-5
A/C %²	4.0-6.0

- 1. Determine percent passing according to Tex-200-F, Part II “washed sieve analysis.
 - 2. Allowed range for asphalt content as measured according to Tex-210-F.
 - A. Resistance to water damage – Evaluate the as-received mix for resistance to water damage by soaking 100-gram representative sample of the total mixture in 200 ml (7 fl.oz.) or distilled or de-ionized water at 140± 2°F for 24± 2 hours. Perform the soaking test in a glass beaker of approximately 400 ml (14 fl.oz.). Evaluate the mixture upon completion of the 24 hour soaking period while submerged in the testing water. No visible evidence of stripping of the material will be allowed.
- 1.5 ASPPM mixture preparation: Provide a plant produced mixture. Furnish all production equipment meeting the requirements of state standard specifications handbook. Mixture to be first pre-coated with a

1.6 minimum of 1% of AC-10, AC-20, AC-30, PG64-22 or equivalent. Mix the aggregate with asphaltic material at a temperature of $300^{\circ}\text{F} \pm 20^{\circ}\text{F}$, unless otherwise approved by the engineer.

A. Once aggregate has been pre-coated with AC-10, AC-20, AC-30, PG64-22 or equivalent using a minimum of 1% AC then allow a time period for cool down of pre-coated aggregate (below 200°F) before doing a final coating to produce ASPPM product.

1.7 Sampling and testing: The engineer will sample and test asphaltic concrete patching material at the time of stockpile or delivery to project site. Failing material will be rejected.

1. The department reserves the right to conduct random sampling of materials for testing. Department may sample from manufacturing plant, project, etc and the stockpile. Department reserves the right to test samples to verify compliance with this specifications.

The department test will govern in all circumstances.

Cost of sampling and testing will be borne by the department. However, the cost of failed sampling will be borne by the contractor or supplier. Cost of failed sampling will be accessed by the department.

Must adhere to the Specifications.

Satisfactory Sample Stock Pile of the "Pre-Coated chip."

Must meet or exceed Specifications as an "All Seasonal" Pre-coated High Performance Cold Asphalt Material.

Must be able to provide 12 months of Data and References on Materials Performance in Local Market.

2. The Owner reserves the right to reject any or all bids or to waive any informality in the bidding. The contract, if awarded, will be awarded to the low item bidder for each specified item.
3. The item to be is to be furnished to the Acadia Parish Police Jury, for a period of one (1) year beginning July 1, 2015 through June 30, 2016.
4. Each order under this contract will be placed by or through the Road Department of the Acadia Parish Police Jury. The proper paperwork, such as requisition, purchase order, etc.; must be taken care of first. The telephone number is 337-788-8861 or 337-788-8862. No material is to be provided unless it has been cleared through the Road Department.
5. The Acadia Parish Police Jury reserves the right to purchase material from vendors, where it is most feasible for them to have material hauled at the least cost possible.
6. Material ordered under this bid must be provided to the Police Jury within twenty-four (24) hours from the date order is placed.

7. In accordance with Act 1029 of the 1991 Regular Session of the Louisiana Legislature, NO State or Local Sales Taxes will be Applicable on the purchase of this material.
8. Materials furnished shall be in accordance with specifications. Materials to be delivered by truck to the Crowley, Iota and Branch Barns or stockpiled and spread on the various roads of the Parish.
9. Material as provided shall be measured by the ton approved and accepted at the point of delivery. Payment will be made based on this ticket.
10. Quality control of materials shall be supported by the certification from the supplier that material as provided under this specification complies with the gradation.
11. Delivery of materials will be made only at which time as a delivery ticket can be provided to the Parish employee. The delivery ticket will indicate date, contractor, P.O. Number, number of tons, and must be signed by a Parish employee.

\$90.00 Per Ton Picked Up.

\$9.75 Per Bag Picked Up.

\$100.30 Per Ton Delivered.

\$12.15 Per Bag Delivered.

*Based on 24 ton minimum delivery

** Based on minimum on pallet (48 bags) delivered.

The right is reserved by the Police Jury to reject any and all bids or to accept any bid(s) which in the opinion of the Jury will be to the best interest of the Parish of Acadia, also the Police Jury reserves the right to cancel contract if in the opinion of the Jury materials are not available within a reasonable time. All bids must be plainly marked on the outside of envelope: "BID FOR ALL SEASONAL PRE-COATED COLD ASPHALT MATERIAL" and mailed to the Acadia Parish Police Jury, P. O. Box A, Crowley, LA 70527-6001, Hand Delivered to 505 N.E. Court Circle, Admin. Office Bldg. or by electronic bid at www.centralauctionhouse.com. Bids not in accordance to specifications shall be rejected. Scale certification will be required from successful bidder.

Attest:

Richard Latiolais
Secretary-Treasurer

Julie Borill
President

COMPANY NAME: Material Resources, Inc.

ADDRESS: P.O. Box 1183 / 4323 North River Road
Port Allen, LA 70767

PRINTED NAME: Ryan J. Casto

AUTHORIZED SIGNATURE: 

PHONE #: 225-267-6464

FAX #: 225-387-5500

DATE: 5/18/15