

**STATE OF ALABAMA
LAWRENCE COUNTY
LAWRENCE COUNTY COMMISSION
MOULTON, ALABAMA**

**Inquiry No. 2025-002
To be received, not later than:
10:00 A.M. on December 18, 2024**

INVITATION FOR BIDS

In accordance with General Act No. 217, Special Session 1967, notice is hereby given that the Lawrence County Commission, Moulton, Alabama will receive competitive bids on the following items:

LIQUID ASPHALT

See ATTACHMENT "A" for Special Notes
See ATTACHMENT "B" for Specifications and Bid Sheet

Sealed bids will be received by the Lawrence County Road Department, P.O. Box 275, 160 Parker Road, Moulton, Alabama, until the above time and date, and then opened at the time and place as specified below, for furnishing the items listed on Attachment "A", Specifications and Requirements, et (s) entitled "**SPECIFICATIONS**" f. o. b. Moulton, Alabama.

If you are unable to furnish the items as specified and desire to offer a substitute, please give full description of the items offered as substitutes, otherwise your quotation will not be considered.

Signature on bid must be in ink. Bids made out in pencil will not be accepted. Bids must be notarized. Lawrence County reserves the right to accept or reject any or all bids or any portion thereof. The Lawrence County Commission will accept bids only from Equal Opportunity Employers.

No errors will be corrected after bids are opened. No prices shall include State or Federal Excise Taxes. Tax Exemptions Certificates can be furnished upon request.

F.O.B. _____ Date of Delivery _____ Terms _____

ALL BIDS MUST USE OUR BID FORM AND MUST BE SUBMITTED IN A SEALED ENVELOPE WITH THE FOLLOWING INFORMATION ON THE FACE OF THE ENVELOPE: THE WORD "BID", THE INQUIRY NUMBER, AND NAME OF ITEM MARKED ON THE OUTSIDE OF THE SEALED ENVELOPE. FAILURE TO COMPLY WITH THIS MAY RESULT IN YOUR BID NOT BEING CONSIDERED.

Bids will be opened on Wednesday the 18th day of December, 2024 at 10:00 A.M. The bid opening will be held at the Lawrence County Road Department conference room, 160 Parker Road, Moulton, Alabama 35650.

I hereby agree to furnish the above named items on or by the dates requested and hereby certify that all specifications as set above will be met.

THE COUNTY RESERVES THE RIGHT TO ACCEPT OR REJECT ANY OR ALL BIDS.

Kyle Pankey

CHAIRMAN
LAWRENCE COUNTY COMMISSION

AUTHORIZED REPRESENTATIVE

ATTACHMENT A

- 1) Termination for cause and convenience:
Lawrence County may terminate this agreement at any time. The County shall give written notice of agreement termination. The County shall pay for all acceptable materials and worked delivered to date of the termination.
- 2) Suspension and Debarment :
 - i. This contract is a covered transaction for purposes of 2 C.F.R. pt. 180 and 2 C.F.R. pt. 3000. As such the contractor is required to verify that none of the contractor, its principals (defined at 2 C.F.R. § 180.995), or its affiliates (defined at 2 C.F.R. § 180.905) are excluded (defined at 2 C.F.R. § 180.940) or disqualified (defined at 2 C.F.R. § 180.935).
 - ii. The contractor must comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C and must include a requirement to comply with these regulations in any lower tier covered transaction it enters into.
 - iii. This certification is a material representation of fact relied upon by (insert name of subrecipient). If it is later determined that the contractor did not comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, in addition to remedies available to (name of state agency serving as recipient and name of subrecipient), the Federal Government may pursue available remedies, including but not limited to suspension and/ or debarment.
 - iv. The bidder or proposer agrees to comply with the requirements of 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C while this offer is valid and throughout the period of any contract that may arise from this offer. The bidder or proposer further agrees to include a provision requiring such compliance in its lower tier covered transactions.
- 3) Byrd Anti-Lobbying Amendment, 31 U.S.C. § 1352 (as amended):
Contractors who apply or bid for an award of \$100,000 or more shall file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant, or any other award covered by 31 U.S.C. § 1352. Each tier shall also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the recipient.
- 4) Municipalities located within Lawrence County may purchase under this bid,
- 5) Bid may be extended up to 3 years upon agreement between the County and Bidder.

ATTACHMENT B Bid Sheet

EMULSIFIED ASPHALT

CRS-2 \$ _____ Per Gallon

CRS-2P \$ _____ Per Gallon

*CMS-1PC \$ _____ Per Gallon

*Rejuvenating scrub seal meeting ALDOT Specification 404.02.a. See Attachment B for specification. An emulsion broom shall be furnished for use behind the County asphalt distributor at no extra cost.

The above prices shall be based on truck transport load delivered to Lawrence County, Alabama meeting the *Alabama Department of Transportation Standard Specifications for Highway Construction, Current Edition*.

The above bid price is for the period from January 1, 2025 through December 31, 2025.

The price shall be adjusted based on the PRICE INDEX per gallon of asphalt as determined by the ALDOT Asphalt Index for the month of November, 2024.

Please state demurrage rates, if any, on delivery trucks.

Delivery shall be made within 2 working days from time of order.

By signing this bid, the contracting parties affirm, for the duration of the agreement, that they will not violate federal immigration law or knowingly employ, hire for employment, or continue to employ an unauthorized alien within the State of Alabama. Furthermore, a contracting party found to be in violation of this provision shall be deemed in breach of the agreement and shall be responsible for all damages resulting therefrom.

I hereby affirm I have not been in any agreement or collusion among bidders of prospective bidders in restraint of freedom of competition by agreement to bid at a fixed price or to refrain from bidding or otherwise.

THIS BID MUST BE NOTARIZED

Sworn to and subscribed before
Me this _____ day of _____
20____.

Signature of Notary

From: _____

By: _____

Email: _____

Street Address: _____

Phone No.: _____

Date: _____

Important: Any attachment hereto is made and becomes a part of this Inquiry and must be signed by the Bidder.

ALABAMA DEPARTMENT OF TRANSPORTATION

DATE: November 15, 2016

Special Provision No. 12-2047

SUBJECT: Pavement Surfacing (Scrub Seal), Project No. STPAA-HSIP-0022(526),
Dallas County.

Alabama Standard Specifications, 2012 Edition, are hereby amended by the addition of a new SECTION 404.

SECTION 404 PAVEMENT SURFACING (SCRUB SEAL)

404.01 Description.

This Section covers the placement of a bituminous pavement surfacing that is composed of an application of a polymer modified asphalt rejuvenating scrub seal.

404.02 Materials.

All materials shall comply with the requirements of Division 800, Materials, except as noted herein. Special reference is made to the following:

(a) Emulsion.

Sources for pavement surfacing shall meet the requirements given in Article 804.01.

The emulsion shall be a CMS-1P or CMS-1PC for rejuvenating scrub seal meeting the requirements in Table 1.

Table 1			
Property	Method	Specification	
		CMS-1P	CMS-1PC
Test on Emulsion			
Viscosity @77 (SFS)	AASHTO T 59	50 - 350	50-350
Residue, w%, minimum.	AASHTO T 59	67	60
pH	ASTM E70	2.0-5.0	2.0-5.0
Sieve, w%, max.	AASHTO T 59	0.1	0.1
Oil distillate, w%, max.	AASHTO T 59	0.5	0.5
Test on Residue⁽¹⁾			
Viscosity @ 140°F, P, maximum.	AASHTO T 201	3000	-
Penetration @ 39.2°F, minimum.	AASHTO T 49	40	30
Elastic Recovery on residue by distillation, %, minimum.	AASHTO T59, T301 ^(1,2)	50	-
Test on Polymer:			
Tensile strength, die C dumbbell, psi, minimum	ASTM D412 ⁽³⁾	500	800
Swelling in rejuvenating agent, % maximum; 48 hours exposure @ 104 °F	ASTM D471 ⁽⁴⁾ Modified	40% intact film	40%
Latex Density @ 73 °F	ASTM D6937 ⁽⁵⁾	-	1.00-1.05
Test on Rejuvenating Agent:			
Flash point, COC , °F	AASHTO T 48	380 Min	
Viscosity, 140°F, CST	AASHTO T 201	50-175	
Saturate, % by wt.	ASTM D2007	30 Max	
Asphaltenes	ASTM D2007	1.0 Max.	
Test on Residue from RTFO	AASHTO T 240		
Weight Change, %		6.5 Max.	
Viscosity Ratio		3 Max	

(1) Exception to AASHTO T59: Bring the temperature on the lower thermometer slowly to 350° F plus or minus 10° F. Maintain at this temperature for 20 minutes. Complete total distillation in 60 plus or minus 5 minutes from first application of heat.

(2) Elastic Recovery @ 10° C (50° F): Hour glass sides, pull 20 cm, hold 5 minutes then cut, let sit 1 hour.

(3) Tensile Strength Determination: Samples for testing for tensile strength in accordance with ASTM D412 shall be tested with the following test procedure modifications:

Prepare the polymer film, dilute the waterborne polymer to 40% Total Solids Content and pour 57 g into a Teflon or silicone release mold of dimensions 7" X 7" X ¼". Allow to dry at 23° C (73 °F) and 50% RH (controlled conditions) for 7 - 10 days total time, during which time the film should be flipped around once, preferably after 3 or 4 days. The film should be transparent in the end. To drive out any residual water, place the film in an oven at 50° C for 30 min. Dried film thickness should be 25 mil +/- 5 mils. Discard films <20 mil. Cut out dumbbell-shaped test specimens of dimension 75 mm total length, 25 mm mid-section (L) and 4 mm width of mid-section. Grip in Instron machine with gap size 1 inch, use 8 inch/min cross-head speed.

(4) Polymer testing shall be prepared from polymer as follows:

Resistance to Swelling: Using a syringe, place 0.8 gm of latex into an 18 mm diameter DSR mold. Allow the sample to dry at ambient lab conditions (air conditioned) on the bench for 72hours. Sample should be easily removable from the mold. Take the "button" out of the mold and place the sample into a forced air oven at 40° C (104° F) for 48 hours (on release paper). If at the end of the ambient dry, the sample sticks to the mold, place it into the oven and check it after 1-2 hours. After 48 hours cool and weigh the sample to the nearest 0.0001 gram and record the weight. Put ½ inch of Rejuvenating Agent into a 3 oz penetration tin. Place the "button" on the Rejuvenating Agent, and add another ½

inch of Rejuvenating Agent, so that the “button” is covered. Put the cap on the penetration tin and place it into the 40°C oven for 48 hours. Remove the “button” from the Rejuvenating Agent, blot surface of the “button” to remove excess Rejuvenating Agent, cool the “button” to room temperature and weigh it. Calculate weight gain of the “button”, express as a percent.

- (5) Replace “Emulsified Asphalt” with “Latex” in text of test method. The testing temperature used should be 25 +/- 3°C. The calculation in Section 7 should be as follows:

$$D = (W_f - W_t) * 0.1$$

$$S.G. = D / 8.337$$

Where: W_f = Weight of filled cup (g)

W_t = Weight of empty cup (g)

The emulsion manufacturer shall submit certification that the emulsion meets the specification. The polymer manufacturer, through the emulsion supplier and the contractor, shall submit to the Department test results from an approved laboratory and certification that the polymer is cationic and meets the required specifications. The manufacturer of the recycling agent, through the emulsion supplier and the contractor, shall submit the test results on the recycling agent and certification that the recycling agent meets the required specifications. Polymer films required for testing shall be prepared by the same laboratory testing the polymer performance requirements as outlined in the specification. The manufacturer of the recycling agent shall submit to the laboratory testing the polymer a one quart sample of the recycling agent for use in the swell test.

For the polymer, certification shall be from a laboratory with an ISO 17025 certification and accredited by IAS. Laboratories must be accredited in the test procedures specified above for the polymer and the rejuvenating agent. Certifications and test results on the emulsion, the polymer and the recycling agent shall be submitted to the Materials and Tests Engineer and approved prior to starting the work.

(b) Aggregate.

The aggregate shall be an ALDOT Size No. 89 in accordance with the material requirements for bituminous surface treatments given in Section 801.

404.03 Construction Requirements.

(a) Placement Rates and Temperature.

The placement rate for the emulsion shall be from 0.25 to 0.35 gallons per square yard. The Engineer will require that the placement rate be adjusted up or down as necessary to fill the cracks in the roadway.

The placement rate for the aggregate shall be from 18 to 25 pounds per square yard. The Engineer will require that the placement rate be adjusted so that no bleed through occurs during rolling.

The CMS-1P emulsion shall be applied at a temperature of from 140 °F to 185 °F.

(b) Weather.

The pavement surfacing shall only be applied when the air temperature is above 45 °F with the forecast high temperature being less than 100 °F.

The application of the pavement surfacing shall be stopped a minimum 24 hours prior to expected rain.

(c) Surface Preparation.

The area to be covered shall be cleaned of dirt, vegetation, and dust and other deleterious materials prior to the application of the surfacing.

Prior to the scrub seal operation, the Contractor shall remove all existing thermoplastic striping, thermoplastic legends and raised pavement markers within the scrub seal limits. When removing the raised pavement markers, the Contractor shall remove excessive adhesive left on the pavement caused from the removal of raised pavement markers.

Prior to the scrub seal operation, all drain inlet covers, monument covers, and all other utility covers shall be protected from the Contractor’s scrub seal operations by applying a sheet of plastic over the exposed facilities, or other methods approved by the Engineer.

(d) Test Section.

The Contractor shall demonstrate the capability of meeting the placement requirements. The materials used in the test section shall be those that are proposed for production use. The Engineer will identify the location and length of the test section. The test section shall be one lane, 12 feet in width and up 1000 feet long. If the application to the test section is unsuccessful, the Contractor shall make the necessary corrections and apply a new test section without additional compensation.

The placement rate and adhesion of the emulsion and aggregate will be evaluated.

(e) Equipment.

1. Asphalt Distributor.

An asphalt distributor shall be furnished for the application of the PASS emulsion. The distributor shall have a full circulating spray bar that is adjustable to at least 16 feet wide in two foot increments and is capable of heating and circulating the emulsion simultaneously. It shall have computerized rate control for adjusting and controlling the application from the cab. The rate shall be adjustable by .01 gallons per square yard increments. The distributor shall also be equipped with a volume measuring device and a thermometer for measuring the emulsion temperature in the tank.

2. Emulsion Broom.

The emulsion broom frame shall be constructed of metal. The emulsion broom shall be attached to and pulled by the distributor truck. The emulsion broom must be equipped with a means of raising and lowering the emulsion broom at desired points. It shall be towable in the elevated position. The broom assembly shall be such that it does not squeegee the emulsion off the roadway surface.

The main body of the emulsion broom shall have a minimum frame size of 6.5 feet wide and 10 feet long. The maximum transverse rigid frame width at any point shall not exceed 6.75 feet. The nearest and furthest members, paralleling the back of the spreader truck, and diagonal members shall be equipped with street brooms. The leading member and the trailing member shall have brooms heads angled at 10 to 15 degrees off the centerline of the supporting member. The diagonal members shall have broom heads attached in line with the centerline of the supporting member. Each individual street broom attached to the emulsion broom assembly shall be 3.5 inches wide x 6.5 inches high x 16 inches long and have stiff nylon bristles. Bristle height is to be maintained at a minimum of five inches (5"). The emulsion broom shall be equipped with hinged wing assemblies attached to the main body not to exceed 4.5 feet per side, with diagonals and equipped with street brooms. The purpose of the maximum rigid frame width and the hinged wing extensions is not only for maximum width of 16 feet but to maintain the scrubbing process evenly as contours and cross-sections change across the existing road surface.

3. Aggregate Spreader.

A self-propelled spreader with computerized rate control shall be used to spread the aggregate. The spreader shall have front discharge and shall be capable of evenly distributing the aggregate at the required placement rates.

4. Rollers.

Two pneumatic tire rollers shall be used to seat the aggregate into the emulsion. The rollers shall be self-propelled. The minimum total weight of each roller shall be 5 tons.

5. Aggregate Removal Equipment.

A mechanically powered pick-broom shall be furnished with a vacuum for the removal of excess aggregate.

(f) Material Application.

The emulsion broom shall be pulled behind the emulsion distributor immediately after the application of the emulsion. All cracks in the pavement shall be filled by emulsion by the movement of the weighted emulsion broom through the emulsion.

The aggregate shall be dry during spreading. The aggregate shall be evenly spread over the scrubbed emulsion.

The seal should be rolled immediately after the aggregate is applied. There shall be at least three passes made with a pneumatic roller.

The pavement surfacing system shall be stiff enough to allow sweeping up excess aggregate without damage to the pavement surface. The excess aggregate shall be removed with the vacuum broom within two hours of rolling or as directed by the Engineer.

The roadway shall not be opened to traffic until at least two hours after the completion of the placement of the emulsion and aggregate. The Engineer may require a second power sweeping to remove any loose aggregate. Excess aggregate shall be removed from the project unless otherwise approved by the Engineer.

For inner layer applications the scrub seal shall be sufficiently cured prior to placing a bituminous overlay, micro-surfacing, or other asphalt surface treatments. The work shall be staged such that any seal coat inner-layer placed shall be covered by the succeeding surface treatment within 72 hours. The status of being cured shall be determined by the ability to sweep all loose aggregate from the surface without removing any aggregate adhered to the bituminous emulsion.

(g) Sampling.

A minimum of one daily sample of the aggregate will be taken from the application vehicle and tested for gradation. If the average test results vary from the gradation requirements, production shall stop. The Contractor shall identify the cause and document in detail what corrective action was taken. Documentation of the corrective action shall be furnished to the Engineer before placement will be allowed.

(h) Acceptance.

The Contractor shall be responsible for the maintenance of the surface treatment until the work is accepted by the Engineer. Damage or loss of aggregate in the surface exceeding 2 % of the surface area in any 500 foot long section shall be repaired by use of additional emulsion and aggregate. All bleeding (excess asphalt) surfaces shall be covered with additional concrete sand in such a manner that the asphaltic material will not adhere to, or be picked up by the wheels of vehicles.

If in the Engineer's judgment, defective areas warrant removal, the Contractor shall remove and replace those areas at the Contractor's expense with materials meeting specification requirements.

404.04 Method of Measurement.

The pavement surfacing will be measured in units of square yards.

404.05 Basis of Payment.

(a) Unit Price Coverage.

The unit price of the pavement surfacing shall be full compensation for all materials, equipment, tools, and labor required for furnishing and placing the pavement surfacing, and for post-sweeping.

(b) Payment will be made under Item No.:

404-G Pavement Surfacing (*) - per square yard

* Scrub Seal, etc.