

NOTICE TO BIDDER
BID NO 19-2014

Mastic Crack Sealant per ODOT Special Provisions

Bids will be received until 4:30 pm, Friday, October 10, 2014 at the Grant County Courthouse, 112 E. Guthrie, Room 102 Medford, Oklahoma, 73759 and will be opened 9:15 am Monday, October 13, 2014 during regular Board of Commissioner meeting.

MASTIC CRACK SEALANT BID BY THE POUND IN PLACE, IN ACCORDANCE WITH
THE OKLAHOMA DEPARTMENT OF TRANSPORTATION PROVISIONS

The Board of Commissioners reserves the right to reject any or all bids.

The Bidders shall submit their bid on the official proposal form furnished. The bid envelope shall be clearly marked "SEALED BID 19-2014" with closing date and time. Affidavit of Non Conviction form must be signed, notarized and returned with the bid or the bid will be rejected.

Dated: September 25, 2014.

Board of County Commissioners
Grant County, Oklahoma

Chairman

Vice Chairman

Member

ATTEST:

County Clerk

**GRANT COUNTY OKLAHOMA
COUNTY PURCHASING OFFICE
GRANT COUNTY COURTHOUSE
112 E GUTHRIE, ROM 102
MEDFORD, OK 73759
580.395.2274**

INVITATION TO BID

NOTARIZED AFFIDAVIT COMPLETION AND SIGNATURES REQUIRED:

DATE ISSUED: September 25, 2014
BID NUMBER: 19-2014 Mastic Crack Sealant per ODOT Special Provisions
BID CLOSING DATE & HOUR: October 10, 2014 at 4:30 p.m.
BID OPENING DATE & HOUR: October 13, 2014 at 9:15 a.m.

TERMS AND CONDITIONS:

1. All bids will be opened in the Grant County Commissioners Board Room, Grant County Courthouse, Medford, Oklahoma, at the time and date shown on this Invitation to Bid.
2. Late bids will not be considered. Bids must be received in a sealed envelope (one bid per Envelope) with bid number and closing date written on the outside of the envelope.
3. Unit prices will be guaranteed correct by the bidder.
4. All prices bid shall be F.O.B. Grant County Oklahoma unless otherwise indicated.
5. Purchases by Grant County, Oklahoma, are not subject to state or federal taxes.
6. This bid shall be good for three months.
7. This bid is submitted as a legal offer, and any bid when accepted by the County constitutes a firm contract.
8. Oklahoma law requires each bidder submitting a bid to a County for goods or services to furnish a notarized sworn statement of non-collusion. A form is supplied.

SPECIFICATIONS:

**MASTIC CRACK SEALANT BID BY THE POUND IN PLACE, IN
ACCORDANCE WITH THE OKLAHOMA DEPARTMENT OF
TRANSPORTATION PROVISIONS**

Address further inquiries to Commissioner Cindy R Bobbitt 580-541-8950 or 580-395-2859
Robert Moss, Foreman, 580-541-8953

Grant County reserves the right to award this bid in part or in whole.

Grant County reserves the right to reject any and all bids.

The Board of County Commissioners reserves the right to waive minor technicalities under these specifications.

Vendor: _____

Address: _____

F.E. I or Social Security _____

E-Mail address: _____

Return Completed bid to: Grant County Purchasing Agent
112 E Guthrie, Room 102
Medford, OK 73759

GRANT COUNTY, OKLAHOMA
SEALED BID SUBMISSION FORM
FOR
MASTIC CRACK SEALANT

BID NUMBER 19-2014

This sealed bid includes the following minimum specifications requested by buyer and any additional cost if not included in original cost:

1. _____ \$ _____
2. _____ \$ _____
3. _____ \$ _____
4. _____ \$ _____
5. _____ \$ _____

All for the sum of \$ _____ . (Including freight and delivery)

Delivery Date: _____

AFFIDAVIT: I, the undersigned, of lawful ate, being first duly sworn on oath say that he/she is the agent authorized by the bidder to submit the above bid. Affiant further states that the bidder has not been a party to any collusion among bidders in restraint of freedom of competition by agreement to bid at a fixed price or to refrain from bidding; or with any state official or employee as to quantity, quality or price in the prospective contract or any terms of said prospective contract; or in any discussions between bidders and any state official concerning exchange of money or other thing of value for special consideration in the letting of a contract; that the bidder/contractor has not paid, given or donated or agreed to pay, give or donate to any officer or employee of the State of Oklahoma (or other entity) any money or other thing of value, either directly or indirectly in the procuring of the aware of a contract pursuant to this bid.

Bidder's Name: _____

Bidder's Address: _____

Contact person: _____

Signature & Title; _____

Bidder's Phone & Fax: _____

E Mail Address: _____

Location of nearest service center: _____

Buyer requested billing address: _____

General: The Mastic Crack Sealant shall be bid by the pound, in place, in accordance with the Oklahoma Department of Transportation's provisions. The price shall be good for three months.

422-1(a-e) 09
9-28-12

**OKLAHOMA DEPARTMENT OF TRANSPORTATION
SPECIAL PROVISIONS
FOR
MASTIC CRACK SEALANT**

These Special Provisions revise, amend, and where in conflict, supersede applicable sections of the 2009 Standard Specifications for Highway Construction, English and Metric.

(Add the following:)

422.01 DESCRIPTION

This work consists of producing and placing a mixture of cationic polymer-modified asphalt emulsions, aggregate, mineral filler, water, and other additives as needed to prepare and seal all cracks in bituminous pavements as shown on the plans. This material and method is intended for recessed cracks of sufficient width to receive the sealant.

422.02 MATERIALS

A. Asphalt Emulsion

Provide asphalt emulsion in accordance with the Table 422:1. Ensure the material shows no separation after mixing. The Engineer will sample the material in accordance with AASHTO T 40.

Table 422:1 Asphalt Emulsion (CSS-1, CSS-1H, or QS-1H)			
	Min.	Max.	Test Method
Viscosity, Saybolt Furol at 25°C, s	20	100	AASHTO T 59
Storage stability test, 24 hr, %	--	1 ^a	AASHTO T 59
Particle charge test positive ^b	Positive		AASHTO T 59
Sieve test, %	--	0.1	AASHTO T 59
Residue, %	57	--	AASHTO T 59
Test on Residue from Distillation	Min.	Max.	Test Method
Penetration, 25°C, 100 g, 5 s, CSS-1	100	250	AASHTO T 49
CSS-1H, CQS-1H	40	90	
Ductility, 25°C, 5 cm/min, cm,	40	--	AASHTO T 51

Table 422:1 Asphalt Emulsion (CSS-1, CSS-1H, or QS-1H)			
Solubility in Trichloroethylene, %	97.50	--	AASHTO T 44
<p>^a The storage stability test may be waived provided the asphalt emulsion storage tank at the project site has adequate provisions for circulating the entire contents of the tank, and provided satisfactory field results are obtained.</p> <p>^b If the particle charge test is inconclusive, material having a maximum pH value of 6.7 will be acceptable.</p>			

B. Aggregate

Provide an aggregate mixture containing a minimum of 25% post-consumer or post-industrial waste material.

Ensure the aggregate meets the gradation specified in Table 422:2, and the quality specified in Table 422:3. Ensure the aggregate mixture has no oversize material when delivered to the job site. If the delivered material contains any particles exceeding the maximum sieve specified in Table 422:2, rescreen all aggregate as it is loaded into the final placement machine.

Table 422:2 Aggregate Gradation	
Sieve	Percent Passing
¾" [9.5 mm]	100
No. 4 [4.75 mm]	100
No. 8 [2.36 mm]	90 - 100
No. 16 [1.18 mm]	55 - 90
No. 30 [600 µm]	40 - 65
No. 50 [300 µm]	25 - 42
No. 100 [150 µm]	15 - 30
No. 200 [75 µm]	7.5 - 20

Table 422:3 Aggregate Quality			
	Min.	Max.	Test Method
Methylene Blue	--	2	AASHTO TP57

C. Mineral Filler

Provide Type I Portland cement, hydrated lime, or limestone dust free of lumps and deleterious materials.

D. Water

Provide potable water free of soluble salts.

E. Additives

Any other material added to the mixture or to any of the component materials to produce the required properties shall be supplied by the manufacturer.

F. Job Mix Formula

The manufacturer shall develop the job mix formula and shall present the certified test results for the Engineer's approval. Mix acceptance will be subject to satisfactory field performance. Submit the job mix formula, all material, the methods, and the proportions for approval by the Engineer prior to use. Proportions to be used shall be within the limits provided in Table 422:4.

Table 422:4 Job Mix Formula Requirements			
	Min.	Max.	Test Method
Wet-Track Abrasion Loss, g/m ²	--	538	TB 100 (ISSA)
Wet Stripping, %	90	--	TB 100 (ISSA)
Asphalt Content by Ignition Method, %	18	--	AASHTO T-308-08

G. Material Acceptance

Provide aggregate free of detrimental material. The Engineer will sample, test, and approve all materials prior to use.

Portland cement, hydrated lime, or limestone dust may be accepted for use based on visual examination by the Engineer.

Furnish the manufacturer's recommendations for mixing and application, including temperature restrictions, to the Engineer prior to mixing and applying the material.

422.03 EQUIPMENT

Provide a truck mounted mixing machine to mix and lay the material. The mixing truck shall be a continuous flow mixing unit, capable of accurately delivering and proportioning the aggregate, mineral filler, water, additive, and emulsion to a revolving multi-blade mixer, and discharging the thoroughly mixed product. Ensure the truck has sufficient storage capacity for all components to maintain an adequate supply to the proportioning controls.

Provide individual volume or weight (mass) controls for proportioning each item to be added to the mix. Ensure each control device is calibrated and properly marked. The Engineer will approve the calibration prior to proportioning. Each device shall be accessible for ready calibration and placed such that the Engineer may determine the amount of each material used at the time.

422.04 CONSTRUCTION METHODS

Place the mixture within 30 seconds of being produced.

The Engineer will specify the cracks to be sealed.

Prepare and apply the crack sealer material in accordance with the manufacturer's recommendations.

Do not place mastic crack seal when either the air temperature or the temperature of the surface on which the mixture is to be placed is below 50°F [10°C], when it is raining, or when there is a chance of temperatures below 32°F [0°C] within 24 hours after placement.

Ensure the crack is clean and free from all loose and foreign material prior to application of the sealer material. Remove loose material on the surface within 2 in [50 mm] of the crack to permit proper adhesion.

Apply the sealer material to the crack from the bottom up. Slightly overfill the crack and squeegee the excess material with a V or U-shaped squeegee, level to the adjoining surface pavement forming a wipe zone 3 to 12 inches [75 to 300 mm] wide.

Apply a light coating of sand, or other blotting material, to the surface of the newly placed sealant if traffic results in tracking of the crack sealing material.

Mastic crack seal must be applied within 24 hours prior to any surface treatment application.

422.05 METHOD OF MEASUREMENT

Measurement of crack sealing will be made by weigh tickets before and after placement of each truck load to acquire a net weight of material placed. This net weight will be measured by the pound of cracks sealed, complete in place, and accepted by the Engineer.

422-1(e-e) 09
9-28-12

422.06 BASIS OF PAYMENT

The accepted quantity of pavement crack sealer will be paid for at the contract unit price bid for:

Pay Item:	Pay Unit:
<i>MASTIC CRACK SEALANT</i>	lb [kg]

Payment will be considered full compensation for all materials, equipment, and labor required to place the material in accordance with these specifications.

Summary Page

Vender: _____

Base Bid Price: \$ _____

PROOF OF MAILING

The companies listed below were sent a copy of Bid 19-2014, either by US Mail, E-mail or Fax.

Ergon Asphalt & Emulsions Inc
9301 SW Koch St
Lawton OK 73505

Dunhams Asphalt Services
6213 S 103rd West Ave
Sapulpa OK 74066

Hanson Aggregates
PO Box 599
Davis OK 73030

Bridge & Highway Materials
PO Box 228
Enid OK 73702

PMSI Paving Maintenance Supply
6600 N Industrial Blvd
Edmond OK 73034

Cummins Construction
PO Box 748
Enid OK 73702

Evans & Associates
PO Box 30
Ponca City OK 74602

RiverRidge Construction
710 E 6th
PO Box 51
Newkirk OK 74647

Vance Bros
4908 N Bryant
Oklahoma City OK 73121

Western Aggregates
8351 West Reno
Oklahoma City OK 73127

Ergon Asphalt & Emulsion
5850 Arkansas Rd
Catoosa Ok 74015

Asphalt & Fuel
4200 E Skelly Dr Ste 60
Tulsa OK 74135

_____ Date _____
Sherri Eulberg, County Clerk

BID NUMBER: **19-2014 Mastic Crack Sealant** _____

VENDOR: _____

PURCHASE PRICE: _____

DELIVERY DATE: _____

SPECIAL OPTIONS: _____

REASON(S) FOR ACCEPTANCE: _____
