

STATE OF OKLAHOMA
CANADIAN COUNTY
FILED OR RECORDED

MAY 18 2020

SHERRY MUKKAY
COUNTY CLERK

200273

SA&I 1-4040 (2000)

Canadian _____ County, Oklahoma
COUNTY PURCHASING OFFICE
Canadian _____ County Court House
El Reno _____, Oklahoma
Phone: (405) 295-6125

INVITATION TO BID

PLEASE REVIEW TERMS AND CONDITIONS ON REVERSE
SIDE RELATING TO SUBMISSION OF THIS BID.
Notarized Affidavit completions and signature required on reverse side.

DATE ISSUED
5-18-2020

Page 1 of 2

BID NUMBER #2020-#12 - Emulsified Maltene-Based Asphalt Rejuvenator	BID CLOSING DATE AND HOUR 06-05-2020 at 4:00 pm	REQUIRED DELIVERY DATE SEE SPECIFICATIONS Days after award of Purchase Order
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TERMS Net, FOB this bid will open 06-08-2020 during Commissioner's Meeting that begins at 9:00am	DATE OF DELIVERY: SEE SPECIFICATIONS
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ITEM	QUANTITY	UNIT OF ISSUE	DESCRIPTION	UNIT PRICE	TOTAL
	(1) or more		<p>Canadian County District 1 is seeking bids for Emulsified Maltene-Based Asphalt Rejuvenator.</p> <p>See Specifications Attached:</p> <p>The Board of Canadian County Commissioners reserves the right to reject any and all bids or to award all or any portion of the items bid.</p> <p><u>The terms & conditions of this document must be completed and returned or the bid will be rejected.</u></p> <p>Contact person: Justin Atkinson 1103 N. Shepard Ave. El Reno, OK 73036 (405) 262-4673</p>		\$ Total

APPROVED

Date: 5/14/2020

Y. M. A. Y. J. J.
Officer or Department Head

TERMS AND CONDITIONS

1. Sealed bids will be opened in the Commissioner's Conference Room, Canadian
County Courthouse, 201 N. Choctaw Avenue, El Reno, Oklahoma, at the time and date shown on the
invitation to bid form.
2. Late bids will not be considered. Bids must be received in sealed envelopes (one to an 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. Firm prices will be F.O.B. destination.
5. Purchases by Canadian County, Oklahoma, are not subject to state or federal taxes.
6. This bid is submitted as a legal offer and any bid when accepted by the County constitutes a firm contract.
7. Oklahoma laws require 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 below.
8. Bids will be firm until 07-05-2020
(DATE)

AFFIDAVIT: I, the undersigned, of lawful age, being first duly sworn on oath say that he (she) is the agent authoriz-
ed 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 other 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 award of a con-
tract pursuant to this bid.

Subscribed and sworn before this _____ day

of _____, 20 _____ (SEAL)

Firm: _____

My commission expires _____

Signed by: _____ Title: _____
(Manual Signature of Undersigned)

Address: _____ Phone: _____

NOTARY PUBLIC (CLERK OR JUDGE)

City: _____ State: _____

Zip: _____

Please mail sealed bids to:
Canadian County Clerk's Office
Attn: Purchasing
PO Box 458
El Reno, OK 73036

Street Address:
201 N Choctaw Avenue
El Reno, OK 73036

NOTE: Other terms and conditions can be added at the discretion of the county officers.



**Canadian County
Purchasing**

Bid Specifications

Date Issued: May 18, 2020

Bid Number: 2020-#12

Closing Date: June 5, 2020 at 4:00pm

PO Box 458, 201 N. Choctaw Ave., El Reno, OK 73036

Opening Date: June 8, 2020 during the Commissioner's Meeting that begins at 9:00am

Commissioner's Meeting Room, 201 N. Choctaw Ave., El Reno, OK 73036

~ SPECIFICATIONS ~

Emulsified Maltene – Based Asphalt Rejuvenator / District 1

Canadian County District 1 is seeking bids for Emulsified Maltene-Based Asphalt Rejuvenator.

Specifications:

See attached specifications

For Information Contact:

Contact: Justin Atkinson

Phone: (405) 262-4673

Hours: Monday – Friday 6:00am to 4:30pm

Address: 1103 N. Shepard Ave, El Reno OK 73036

If you have any questions or need additional information, please contact:

Krisl Jensen, Purchasing Agent, 405.295.6125

kjensen@okcana.cogov.net

PROJECT SPECIFICATIONS

Pavement preservation on both Gregory Rd and Cimarron Rd (each road having an approximate road width of 22 ft) from Northwest Highway to Britton Rd which is approximately 10 miles of roadway. And additionally, 2 miles of 150th St. (with an approximate road width of 22 ft) from Gregory Rd to Richland Rd which is all within the unincorporated area of Canadian County District 1.

BID SHEET

The undersigned proposes to furnish material and labor according to the terms and conditions of the attached bid specifications at the following unit prices, to wit:

BASE BID

Approximately 155,837 square yards, more or less, construction sealing with asphalt rejuvenating agent furnished and applied.

_____ \$_____ per square yard
Product Name

SPECIAL TERMS OR PROVISIONS:

BID ADD-ON

Pre and Post Sweeping with sweeper mobilization included \$_____ total

BIDDER: _____

BUSINESS ADDRESS: _____

PHONE NUMBER: _____

AUTHORIZED AGENT OF CONTRACTOR: _____

AUTHORIZED AGENT OF AGENCY: _____

Standard Specifications for
Emulsified Maltene-Based
Asphalt Rejuvenator

Emulsified Maltene-Based Asphalt Rejuvenator:

- A. General Scope:** This work shall consist of furnishing all labor, material, and equipment necessary to perform all operations for the application of an Emulsified Maltene-Based Asphalt Rejuvenating Agent to bituminous asphaltic concrete surface courses. The rejuvenation of surface courses shall be by spray application of a Cationic Maltene-Based Rejuvenating Agent, composed of petroleum oils and resins emulsified with water. The base used for the emulsion shall be a naphthenic non hydro-treated base stock. The emulsion base shall be paraffin free and not involve a paraffin extraction method throughout the manufacture or refining process. All work shall be in accordance with the specifications, any applicable drawings, and subject to the terms and conditions of this contract.
- B. Pre-Construction:** The CONTRACTOR shall present samples of materials, laboratory reports, calibration reports, and proof of work experience as required by these specifications to the Resident Engineer at the pre-construction meeting.
- C. Material Specifications:** The emulsion will be a naphthenic petroleum maltene-based rejuvenating agent composed of four petroleum maltene components (listed below) uniformly emulsified with water. Each bidder must submit with his bid a certified statement from the asphalt rejuvenator manufacturer showing that the asphalt rejuvenating emulsion conforms to the required physical and chemical requirements.

MALTENE-BASED PETROLEUM ASPHALT REJUVENATOR SPECIFICATIONS:			
	Test Method	Requirements	
Property	ASTM	Min.	Max.
Viscosity @ 25°C, SFS	D244	15	40
Residue, w%	D244(Mod) ³	60	65
Miscibility Test	D244(Mod.) ²	Pass	
Sieve Test, w%	D244(Mod.) ¹	-	0.1
Particle Charge Test	D244	Positive	
Tests on Distillation Residue:			
Flash Point, COC, C	D92	196	-
Viscosity@ 60C, C	D2170	100	200
Asphaltenes, %w	D2006-70	-	1
Maltene Dist. Ratio (Polar Compounds) + (First Acidaffins) (Saturates) + (Second Acidaffins)	D2006-70	0.3	0.6
Polar Compounds/Saturates Ratio	D2006-70	0.5	-
Asphaltenes, w%	D2006-70		1
Saturated Hydrocarbons, w%	D2006-70	21	28

¹Test procedure identical with ASTM D-244 except that distilled water shall be used in place of two (2) percent sodium oleate solution.

²Test procedure identical with ASTM D-244 except that .02 Normal Calcium Chloride solution shall be used in place of distilled water.

³ASTM D-244 Modified Evaporation Test for percent of residue is made by heating 50 gram sample to 149 C (300 F) until foam ceases, then cool immediately and calculate results.

D. Material Performance: The rejuvenating agent shall have record of at least five years of satisfactory service as asphalt rejuvenating agent and in-depth sealer. Satisfactory service shall be based on the capability of the material to penetrate, replace lost maltene fractions, and decrease the viscosity and increase the penetration value of the in-place asphalt binder as follows: the viscosity shall be reduced by a minimum of forty-five (45) percent, the penetration value shall be increased by a minimum of twenty-five (25) percent. Testing shall be performed by an independent testing laboratory on extracted asphalt cement from pavement to a depth of three-eighths inch (3/8"). In addition, the pavement shall be in-depth sealed to prevent the intrusion of air and water.

The bidder must submit with their bid:

1. Asphalt Rejuvenator product name and descriptive literature. Literature shall be descriptive and detailed information shall show it meets the material specifications.
2. A current Material Safety Data Sheet (MSDS) for the material.
3. The manufacturer's certification that the material proposed for use is in compliance with these specification requirements.
4. Previous use documentation and test data conclusively demonstrating that the rejuvenating agent has been used successfully for a period of 5 years by government agencies such as Cities, Counties, or DOT's in the state and region for which it is being applied.
5. Testing data from a minimum of five projects showing that the asphalt rejuvenating agent has been proven to perform, as heretofore required, through field testing by an independent testing laboratory as to the required change in the asphalt binder viscosity and penetration number.

E. Product Standards: The product "Reclamite"® produced by Tricor Refining, LLC is the standard for the naphthenic emulsified petroleum maltene-based asphalt rejuvenating agent requirements and the prices quoted on the Bid Sheet Base Bid shall be for one of these standards. Bidders may offer an ALTERNATE for the standard specification. ALTERNATE products are subject to a 5 year testing pilot free of charge to the agency. Testing of the product must be completed before ALTERNATE can be considered.

F. Applicator Experience:

The asphalt-rejuvenating agent shall be applied by an experienced applicator of such material. The bidder shall have a minimum of five years experience in applying the product proposed for use and be able to provide references and core data to support a five year history of successful application.

G. APPLICATION TEMPERATURE/WEATHER LIMITATIONS:

The temperature of the asphalt rejuvenating emulsion, at the time of application shall be as recommended by the manufacturer. The asphalt-rejuvenating agent shall be applied only when the existing surface to be treated is thoroughly dry and when it is not threatening to rain. The asphalt-rejuvenating agent shall not be applied when the ambient temperature is below 40 F.

H. HANDLING OF ASPHALT REJUVENATING AGENT:

Contents in tank cars or storage tanks shall be circulated at least forty-five minutes before withdrawing any material for application. When loading the distributor, the asphalt rejuvenating agent concentrate shall be loaded first and then the required amount of water shall be added. The water shall be added into the distributor with enough force to cause agitation and thorough mixing of the two materials. To prevent foaming, the discharge end of the water hose or pipe shall be kept below the surface of the material in the distributor that shall be used as a spreader. The distributor truck will be cleaned of all of its asphalt materials and washed out to the extent that no discoloration of the emulsion may be perceptible. Cleanliness of the spreading equipment shall be subject to the approval and satisfaction of the Engineer.

I. RESIDENT NOTIFICATION:

The contractor shall distribute by hand, a typed notice to all residences and businesses on the street to be treated. The notice will be delivered no more than 24 hours prior to the treatment of the road. The notice will have a local phone number that residents may call to ask questions. The notice shall be of the door hanger type that secures to the door handle of each dwelling. Unsecured notices

will not be allowed. The contractor shall also place the notice on the windshield of any parked cars on the street. Hand distribution of this notice will be considered incidental to the contract.

J. APPLYING EQUIPMENT:

The distributor for spreading the emulsion shall be self-propelled and shall have pneumatic tires. The distributor shall be designed and equipped to distribute the asphalt rejuvenating agent uniformly on variable widths of surface at readily determined and controlled rates from 0.05 to 0.5 gallons per square yard of surface, and with an allowable variation from any specified rate not to exceed 5 percent of the specified rate.

Distributor equipment shall include full circulation spray bars, pump tachometer, volume measuring device and a hand hose attachment suitable for application of the emulsion manually to cover areas inaccessible to the distributor. The distributor shall be equipped to circulate and agitate the emulsion within the tank.

A check of distributor equipment as well as application rate accuracy and uniformity of distribution shall be made when directed by the Engineer.

The truck used for sanding shall be equipped with a twin spinner spreader that allows the sand to be uniformly distributed onto the pavement. The spreader shall be able to apply 1/2 pound to 3 pounds of sand per square yard in a single pass. The spreader shall have in cab controls to allow for adjustment of the spreader while in operation as to prevent broadcast sand onto cars, pedestrians, driveways, or lawns.

The sand to be used shall be free flowing, without any leaves, dirt, stones, etc. Any wet sand shall be rejected from the job site.

Any equipment that is not maintained in full working order, or is proven inadequate to obtain the results prescribed, shall be repaired or replaced at the direction of the Engineer.

K. APPLICATION OF REJUVENATING AGENT:

The asphalt-rejuvenating agent shall be applied by a distributor truck at the temperature recommended by the manufacturer and at the pressure required for the proper distribution. The emulsion shall be so applied that uniform distribution is obtained at all points of the areas to be treated. Distribution shall be commenced with a running start to insure full rate of spread over the entire area to be treated. Areas inadvertently missed shall receive additional treatment as may be required by hand sprayer application.

Application of asphalt rejuvenating agent shall be on one-half width of the pavement at a time. When the second half of the surface is treated, the distributor nozzle nearest the center of the road shall overlap the previous application by at least one-half the width of the nozzle spray. In any event the centerline construction joint of the pavement shall be treated in both application passes of the distributor truck.

Before spreading, the asphalt rejuvenating agent shall be blended with water at the rate of two (2) part rejuvenating agent to one (1) part water, by volume or as specified by the manufacturer. The combined mixture of asphalt rejuvenating agent and water shall be spread at the rate of 0.05 to 0.10 gallons per square yard, or as approved by the Engineer following field testing.

Where more than one application is to be made, succeeding applications shall be made as soon as penetration of the preceding application has been completed and the Engineer grants approval for additional applications.

Grades or super elevations of surfaces that may cause excessive runoff, in the opinion of the Engineer, shall have the required amounts applied in two or more applications as directed.

After the street has been treated, the area within one foot of the curb line on both sides of the road shall receive an additional treatment of the asphalt rejuvenating emulsion. Said treatment shall be uniformly applied by a method acceptable to the Engineer.

After the rejuvenating emulsion has penetrated, a coating of dry sand shall be applied to the surface in sufficient amount to protect the traveling public as required by the Engineer.

The Contractor shall furnish a quality inspection report showing the source, manufacturer, and the date shipped, for each load of asphalt rejuvenating agent. When directed by the Engineer, the Contractor shall take representative samples of material for testing.

L. STREET SWEEPING:

The Contractor shall be responsible for sweeping and cleaning of the streets prior to, and after treatment.

Prior to treatment, the street will be cleaned of all standing water, dirt, leaves, foreign materials, etc. This work shall be accomplished by hand brooming, power blowing or other approved methods. If in the opinion of the Engineer the hand cleaning is not sufficient than a self-propelled street sweeper shall be used.

All sand used during the treatment must be removed no later than 48 hours after treatment of the street. This shall be accomplished by a combination of hand and mechanical sweeping. All turnouts, cul-de-sacs, etc. must be cleaned of any material to the satisfaction of the Engineer. Street sweeping will be included in the price bid per square yard for asphalt rejuvenating agent.

If, after sand is swept and in the opinion of the Engineer a hazardous condition exists on the roadway, the contractor must apply additional sand and sweep same no later than 24 hours following reapplication. No additional compensation will be allowed for reapplication and removal of sand.

M. TRAFFIC CONTROL:

The Contractor shall schedule his operations and carry out the work in a manner to cause the least disturbance and/or interference with the normal flow of traffic over the areas to be treated. Treated portions of the pavement surfaces shall be kept closed and free from traffic until penetration, in the opinion of the Engineer, has become complete and the area is suitable for traffic.

When, in the opinion of the Engineer, traffic must be maintained at all times on a particular street, then the Contractor shall apply asphalt rejuvenating agent to one lane at a time. Traffic shall be maintained in the untreated lane until the traffic may be switched to the completed lane.

The Contractor shall be responsible for all traffic control and signing required to permit safe travel. The contractor shall notify the police and fire departments as to the streets that are to be treated each day.

If, in the opinion of the Engineer, proper signing is not being used, the Contractor shall stop all operations until safe signing and barricading is achieved.

N. METHOD OF MEASUREMENT:

Asphalt rejuvenating agent will be measured by the square yard as provided for in the Contract Documents.

O. BASIS FOR PAYMENT:

The accepted quantities, measured as provided for above, will be paid for at the contract unit price for asphalt rejuvenating agent.

Asphalt rejuvenating agent shall be paid for PER SQUARE YARD, which shall be full compensation for furnishing all materials, equipment, labor, and incidentals to complete the work as specified and required.



**Canadian County
Purchasing**

Affidavit / Proof of Mailing

Date Issued: May 18, 2020

Bid Number: 2020-#12

Closing Date: June 5, 2020 at 4:00pm

PO Box 458, 201 N. Choctaw Ave., El Reno, OK 73036

Opening Date: June 8, 2020 during the Commissioner's Meeting that begins at 9:00am.

Commissioner's Meeting Room, 201 N. Choctaw Ave., El Reno, OK 73036

~ AFFIDAVIT ~

Emulsified Maltene-Based Asphalt Rejuvenator / District 1

State of Oklahoma)
County of Canadian) 5

I, Krissi Jensen, Purchasing Agent, in and for said County and State, do hereby certify that "Invitations to Bid" were sent to the following:

Bid Clerk
projects@bidclerk.com

Bid News
projects@isqft.com

ePlan
1400 Forum Blvd. Ste 7B
Columbia, MO 65203

Francis Tuttle Vo-Tech
Attn: Bid Assistance – Judy Robbins
12777 N. Rockwell
Oklahoma City, OK 73142

Online Data Services
5425 Peachtree Parkway NW
Peachtree Corners, GA 30092

Reed Construction Data
30 Tech. Pkwy South, Ste 100
Norcross, GA 30092

Vance Brothers Inc
4908 N Bryant Ave
Oklahoma City, OK 73121

Wright Asphalt Products Co
4609 W Meadowlark
Battlefield, MO 65619

Coastal Energy Corporation
Attn: Chad Odle
#1 Coastal Drive
Willow Springs, MO 65793

Asphalt & Fuel Supply LLC
4200 E Skelly Drive, Suite 600
Tulsa, OK 74135-3210

CED7 County Energy District Authority
Attn: Monte Goucher
1779 Marshall Rd
PO Box 337
Clinton, OK 73601

Ergon Asphalt & Emulsions Inc
9301 SW Koch Street
Lawton, OK 73505

ProSeal Inc.
Attn: Brad Gehring
PO Box 741
El Dorado, KS 67042
brad@proseal.us

Share Corporation
Attn: Wayne Holman
1425 S. Myers Rd.
Apache, OK 73006
wayne.holman@sharecorp.com

PMSI
Attn: Stephen Hoskins
6600 N. Industrial Blvd.
Edmond, OK 73034
steve.hoskins@crafco.com

Paving Materials, Inc.
2401 S. Broadway
Moore, OK 73160

First Water Contracting
8524 S. Western Ave, Ste 108
Oklahoma City, OK 73139

Witness my hand and seal this 18th day of June, 2020.



Krissi Jensen, Purchasing Agent
(SEAL)





**Canadian County
Purchasing**

BID CHECKLIST

Date Issued: May 18, 2020

Bid Number: 2020-#12

Closing Date: June 5, 2020 at 4:00pm

PO Box 458, 201 N. Choctaw Ave., El Reno, OK 73036

Opening Date: June 8, 2020 during the Commissioners Meeting that starts at 9:00am

Commissioner's Meeting Room, 201 N. Choctaw Ave., El Reno, OK 73036

**TO HELP PREVENT BIDS FROM BEING REJECTED FOR LACK OF COMPLETION
PLEASE CHECK FOR THE FOLLOWING:**

Is the Invitation to Bid Signed and Notarized? _____

Are all applicable spaces filled in? _____

Are all necessary papers enclosed? _____

Is the Bid # and Closing Date on outside of return envelope? _____

Thank You,

Krissi Jensen, Assistant Purchasing Agent