

REQUEST FOR BIDS

RETURN ORIGINAL

KEEP ONE COPY

BID # 2019-01

2019 CHIP SEAL PROJECT

Return your Bid in an envelope, sealed and clearly marked on the outside with Bid # shown:

**EUREKA CITY CORPORATION
ATTN: PATRICIA BIGLER
15 NORTH MAIN STREET
EUREKA, UT 84628**

Bids must be received and logged in prior to the date and time indicated. Bids will not be accepted after:

5:00 p.m. Monday, August 5, 2019

FAILURE TO SIGN THIS SECTION WILL DISQUALIFY YOUR RESPONSE

The undersigned agrees to furnish the products and/or services listed in this document at the prices and terms stated, subject to the requirements of this Request for Bids and the Contract Documents:

Firm Name

Signature

Printed Name

Date

Phone

Fax

Email

Website

This proposal is a paper based bid requiring Respondents to submit their final proposal to the above address prior to the bid opening.

BID #2019-01

TABLE OF CONTENTS

**EUREKA CITY
Chip Seal BID**

<u>SECTION</u>	<u>TITLE</u>
SECTION 1	Instructions to Bidders
SECTION 2	General Terms & Conditions
SECTION 3	Requirements & Specifications
SECTION 4	Bid/Proposal Form

NOTE: The Contractor is responsible for reading the contents of this bid, including but not limited to, the Scope of Work, General Requirements, Specifications and Agreement. He is also responsible to visit the work site before presenting his bid.

Eureka City is now accepting sealed bids for the 2019 Chip Seal Project.

All sealed bids must be received by Eureka City Office by 5:00 p.m. on Monday, August 5, 2019.

SECTIONS 1 - INSTRUCTIONS TO BIDDERS

Bidders are urged and expected to inspect the site where services are to be performed and to satisfy themselves as to all general and local conditions that may affect the cost of performance of the Agreement, to the extent such information is reasonably obtainable. In no event will a failure to inspect the site constitute grounds for withdrawal of a bid after opening or for a claim after award of the Agreement.

The sealed bids will be opened by the Eureka City Mayor and Council, at Eureka City Office, 15 North Church Street, Eureka, Utah on Monday, August 5, 2019 at 7:15 p.m.

Sealed bids shall be received by mail, hand delivered, to the Eureka City Recorder before 5:00 p.m. on Monday, August 5, 2019. **NO LATE BIDS WILL BE ACCEPTED.**

These items should be considered before filling out the bid and bidding schedule:

1. INTERPRETATION OF QUANTITIES IN THE SCHEDULE:

Any quantities appearing in the Specifications for this project are only approximate and were prepared by Eureka City personnel. These quantities will be used for bidding. The actual quantities for construction may vary and should be determined by the Contractor based on his individual analysis of conditions. In the event certain areas of the project are given a higher priority, those areas, as designated by the City Public Works Director, will receive construction attention first. In the event certain areas are deleted due to unforeseen appropriation of funds, or deemed not economically feasible, or for whatever reason, those areas will be deducted from the bid and payment amount.

2. BIDDING SCHEDULE:

The bidder shall submit his bid upon the bidding schedule and bid sheets provided by Eureka City. The total amount of the bid is obtained by unit priced items multiplied by the estimated quantities. All the figures shall be in ink or typed! The bid must be signed in ink by the individual who prepared the bid and by the owner of the company. The address and phone number of the individual or firm represented by the bid must be on the bid.

3. IRREGULAR PROPOSALS:

Bids shall be considered irregular and may be rejected for the following:

- a. If the bid is on a form other than that furnished by Eureka City; or if the form is altered, or any part thereof is detached.
- b. If there are unauthorized additions, conditional, multiple or alternate bids, or irregularities of any kind, which may tend to make the bid incomplete, indefinite, or ambiguous as to its meaning.
- c. If the bidder adds any provisions reserving the right to accept or reject an award, or to enter into a contract pursuant to an award.
- d. If the bid at the opening does not contain a signed bid, a signed bidding schedule, and all requested documents.
- e. Any erasure or alteration of figures of unit prices not initialed in ink by the bidder.
- g. If the Contractor is not qualified legally to contract.

4. ACCEPTANCE OF BID:

a. Eureka City reserves the right to reject any or all bids or waive minor irregularities when to do so would be in the best interests of Eureka City. Minor irregularities are those which will not have a significant adverse effect on overall competition or performance levels.

b. The responding party agrees that Eureka City may terminate this procurement procedure at any time, and Eureka City shall have no liability or responsibility to the responding party for any costs or expenses incurred in connection with this RFB, or such party's response.

5. DISPOSITION OF BIDS:

All bids (and the information contained therein) shall become the property of Eureka City. No bid shall be returned to the respondent regardless of the outcome of the selection process.

6. EVALUATION CRITERIA:

All bids will be evaluated by authorized representatives of Eureka City for compliance with the terms and conditions contained in this RFB and the resulting contract awarded to the lowest responsive and responsible bidder. The determination of the lowest responsive and responsible Bidder may involve all or some of the following factors but not be limited to: price, Vendor Evaluation Report, handling, storage, disposal costs, installation, conformity to specifications, financial ability to meet the contract, previous performance, facilities, equipment, experience, delivery promise, terms of payments, compatibility as required, other costs, and other objective and accountable factors.

7. GENERAL:

a. Eureka City will award a contract in reliance upon the information contained in bids submitted in response to the RFB. Eureka City will be legally bound only when and if there is a signed contract entered into between Eureka City and the awarded bidder.

b. It is vitally important that any person who signs a bid or contract on behalf of a respondent certifies that he or she has the authority to so act. The bidder who has its bid accepted may be required to answer further questions and provide further clarification of its bid and responses.

c. Receiving this RFB or responding to it does not entitle any entity to participate in services or transactions resulting from or arising in connection with this RFB. Eureka City shall have no liability to any person or entity under or in connection with this RFB, unless and until Eureka City and such person have executed and entered into a contract pursuant to the terms of this RFB.

d. By responding to this RFB each responding party acknowledges that neither Eureka City nor any of its representatives is making or has made any representation or warranty, either express or implied, as to the accuracy or completeness of any portion of the information contained in this RFB. The responding party further agrees that neither Eureka City nor any of its representatives shall have any liability to the responding party or any of its representatives as a result of this RFB process or the use of the information contained in this RFB. Only the terms and conditions contained in a contract when, as, and if executed, and subject to such limitations and restrictions as may be specified therein, may be relied upon by the responding party in any manner as having any legal effect whatsoever.

SECTION 2 - GENERAL TERMS AND CONDITIONS

The Contract Documents for this Request for Bids shall include the Instructions to Bidders, General Terms & Conditions, Requirements & Specifications, and all Addenda. Bidders must base their bids on all the requirements and specifications in the Contract Documents. The Contract Documents shall become the Contract between the selected bidder and the City.

AMENDMENTS:

No oral modifications or amendments to this Agreement shall be effective, but this Agreement may be modified or amended by a written agreement signed by the parties.

ASSIGNMENT:

The parties to this Agreement shall not assign this Agreement, or any part hereof, without the prior written consent of the other party to this Agreement. No assignment shall relieve the original parties from any liability hereunder.

BINDING AGREEMENT:

This Agreement shall be binding upon the heirs, successors, administrators, and assigns of each of the parties hereto.

BONDS:

Before this Agreement is awarded by Eureka City the Contractor shall furnish Eureka City the following bonds:

1. A **payment and performance bond** satisfactory to the City in an amount equal to 100% of the price specified in the Agreement, to assure the faithful performance of the Agreement, for the protection of Eureka City, to be held until final acceptance by Eureka City of all aspects of this project;

The bond shall be:

1. Binding upon the award of the Agreement;
2. Executed by a surety company or companies duly authorized to do business in the State of Utah, or, in the form of cash or other certified funds;
3. Payable to Eureka City;
4. Filed with the Eureka City Office in a timely manner following the Closing Date for Receipt of Bids; and
5. Increased if the contract price is increased by change order or otherwise subsequent to entering into the Agreement.

Eureka City will hold the Payment Bond for 90 days subsequent to the completion of the project.

No Bid Bond is required for this bid.

COMPLETION DATE:

The completion date for the pavement work is on or before September 30, 2019.

TERMINATION:

Eureka City may terminate this Agreement at any time and for any reason by giving the contractor a 30-day written notice of termination.

INDEMNIFICATION:

The Contractor shall defend, indemnify, save and hold harmless Eureka City, its officers, employees, and agents, from and against any and all claims, demands, causes of action, orders, decrees, judgments, losses, damages, and liabilities (including all costs and attorney's fees incurred in defending any claim, demand, or cause of action) occasioned by, growing out of, or arising or resulting from (a) Contractor, its subcontractors, agents or employees performance of this Agreement or their provision of any services required herein to be performed by the Contractor or its subcontractors, agents or employees, and (b) any act or omission of Contractor, or its subcontractors, agents or employees. The Contractor shall assume sole liability for any injuries or damages caused to a third party as a result of fulfillment of this Agreement.

INDEPENDENT CONTRACTOR:

Contractor states and affirms that he is acting as an independent contractor, holding himself out to the general public as an independent contractor for other work or agreements as he sees fit; that he advertises his services as he sees fit to the general public, maintains his office or place of employment separate from Eureka City, and that this AGREEMENT is not exclusive of other agreement, contracts or opportunities.

The parties intend that an independent contractor relationship will be created by this AGREEMENT. Eureka City is interested only in the results to be achieved, and the conduct and control of the work will lie solely with the Contractor. Contractor is not to be considered an agent or employee of Eureka City for any purpose, and the employees of Contractor are not entitled to any of the benefits that Eureka City provides for City's employees. It is understood that Eureka City does not agree to use Contractor exclusively. It is further understood that Contractor is free to contract for similar services to be performed for others while working under the provisions of the AGREEMENT with Eureka City.

Both parties agree the Contractor shall be deemed an independent contractor in the performance of this AGREEMENT, and shall comply with all laws regarding unemployment insurance, disability insurance, and workers' compensation. As such, Contractor shall have no authorization, express or implied, to bind Eureka City to any agreement, settlement, liability, or understanding whatsoever, and agrees not to perform any acts as agent for Eureka City.

INSURANCE:

The Contractor agrees to carry Commercial General Liability insurance coverage equal to or greater than \$1,000,000 per occurrence and \$3,000,000 aggregate or as modified by the risk manager pursuant to state statute during the term of this Agreement. This coverage shall provide liability insurance to cover the activities of Contractor including Contractor's agents, employees and subcontractors, and for all equipment and vehicles, public or private, used in the performance of this Agreement. This insurance shall name "Eureka City", 255 West Main Street, Eureka, Utah 84628 as an additional insured. Prior to commencing work, Contractor shall provide a Certificate of Insurance to Eureka City, evidencing that the Contractor has this insurance in place and shall maintain said insurance for the duration of this agreement.

Prior to execution of the Agreement, the selected Contractor shall provide a Certificate of Insurance to Eureka City evidencing that the Contractor has Workers Compensation Insurance for the Contractor, all subcontractors, and all employees of the Contractor and/or subcontractors.

The Contractor shall file all required certificates of insurance with the Eureka City Office in a timely manner following the Closing Date for Receipt of Bids.

LEGAL:

The Contractor shall be responsible to provide all legal support for the project including but not limited to the preparation of contracts with subcontractors.

LICENSE:

The Contractor shall have a current "Business License", issued by the County or City in which the Contractor's Business is located, and shall provide proof of such license prior to the commencement of said work.

NON-DISCRIMINATION AND EQUAL OPPORTUNITY:

The Contractor agrees to comply with all federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§ 1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. § 794), which prohibits discrimination on the basis of handicaps and the Americans with Disabilities Act of 1990; (d) the Age Discrimination Act of 1974, as amended (42 U.S.C. §§ 6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to the nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§ 523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. 290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. § 3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (I) any other nondiscrimination provisions in any specific statute(s) applicable to any Federal funding for this Agreement; and (j) the requirements of any other nondiscrimination statute(s) which may apply to this Agreement.

LAWS AND ORDINANCES:

The laws of the State of Utah shall govern the Contract. Further, the place of performance and transaction of business shall be deemed to be in Juab County, Utah, and in the event of litigation, exclusive venue and place of jurisdiction shall be Utah, and more specifically, the district court of Juab County, Utah.

The Contractor agrees to register and participate in a Status Verification System such as E-Verify, to verify the work eligibility status of the Contractor's new employees that are employed in the State. The Contractor further agrees to have each contractor or subcontractor who works for or under main contractor, certify by affidavit that the contractor or subcontractor has verified through a Status Verification System the employment status of each new employee of the respective contractor or subcontractor.

NOTICES:

All notices, demands and other communications required or permitted to be given hereunder shall be in writing and shall be deemed to have been properly given if delivered by hand or by certified mail, return receipt requested, postage paid, to the parties at their addresses first above written, or at such other addresses as may be designated by notice given hereunder.

PAYMENT:

The Contractor shall be paid by Eureka City within 30 days of the invoice. All bills must be received by the Eureka City Office. Each bill shall be itemized as to work performed and shall show progress of the work that can be verified. Actual payment will be based upon inspection by the Public Works Director who will certify that the work has been performed in a workmanlike manner. Payments may be withheld from the Contractor by the City in order to protect or offset the City from loss due to:

1. Defective work not remedied.
2. Liens or claims filed or reasonable evidence of probable filing.
3. The Contractor's failure to promptly pay subcontractors for labor and/or materials accepted by the Contractor.
4. The City's reasonable doubt that the project can be completed for the unpaid balance of the contract price.
5. Damage to another contractor.
6. Failure to maintain scheduled progress.
7. Any other failure of the Contractor which results in liability for the City.

LIQUIDATED DAMAGES:

The Contractor agrees to deliver services as quoted in this proposal. Failure to deliver as quoted constitutes an event of default. The actual damages to the City for the delay will be difficult or impossible to determine. Therefore, in lieu of actual damages, the Contractor shall pay the City, liquidated damages for each calendar day of delay, an amount of \$300.00 per day, up to a maximum of sixty (60) calendar days. Should the Contractor be unable to complete the delivery at the end of the sixty (60) day period, the City, at its option, may treat the contract as breached, terminate the contract, purchase substitute product else-where, and charge the full increase, if any, in cost and handling for such purchase to the defaulting Contractor, and seek such additional relief as provided by law. The Contractor shall not be charged for liquidated damages when delay arises out of causes beyond control and without the fault or negligence of the Contractor.

UTILITIES:

Care shall be taken to preserve and protect existing utilities, pole lines, signs, pipelines and improvements from injury or damage during construction operations. The Contractor shall hold Eureka City harmless and reimburse owners and utilities for any damage to their properties, utilities, pole lines, signs, pipelines and improvements, and interference with their service caused through Contractor's operations. The Contractor has the responsibility for contacting "Blue Stake".

WARRANTY:

The Contractor warrants to Eureka City that all materials furnished under this Agreement will be new unless otherwise specified, and that all work will be of good quality, free from faults and defects and in conformance with this Agreement. All work not conforming to these requirements, including substitutions not properly approved and authorized, may be considered defective. If required by Eureka City, the Contractor shall furnish satisfactory evidence as to the kind and quality of materials and equipment.

If, within one year after the Date of Substantial Completion of the work, or designated portion thereof, or within one year after acceptance by Eureka City, or within such longer period of time as may be prescribed by law or by the terms of any applicable special warranty required by this Agreement, any of the work or materials are found to be defective or does not conform with this Agreement, the Contractor shall correct it promptly after receipt of a written notice from Eureka City to do so. This obligation shall survive termination of this Agreement.

SECTION 3 - REQUIREMENTS & SPECIFICATIONS

INTENT OF AGREEMENT:

The intent of the Agreement is to provide for the construction and completion in every detail of the pavement work as described. The Contractor shall furnish all labor, materials, equipment, tools, transportation, traffic control and supplies required to complete the work in accordance with the Specifications, General Requirements, and terms of this Agreement.

ALTERATION OF PLANS OR CHARACTER OF WORK:

The Public Works Director reserves the right to make at any time during the progress of the work, such increases or decreases in quantities and such alterations in the details of construction, and the elimination of one or more items as may be found necessary or desirable. Such alterations may include small projects for other City departments during the term of the agreement. Alterations shall not be considered as a waiver of or release of the surety. The Contractor agrees to accept the work as altered the same as if it had been a part of the original Agreement. The Contractor shall proceed with the work alterations when ordered in writing. **Financial increases to this Agreement must be approved by Eureka City before additional work is authorized and constructed.**

AUTHORITY OF THE EUREKA CITY MAYOR:

The Eureka City Mayor, upon consultation and authority of the Eureka City Council, will decide all questions which may arise as to the quality, quantity and acceptability of materials furnished and work performed and as to the rate of progress of work. He will also decide all questions which may arise as to the acceptable fulfillment of the Agreement on the part of the Contractor. The Mayor will have the authority by written order to suspend work wholly or in part due to the failure of the Contractor to correct conditions unsafe for the workmen or general public; for failure to carry out provisions of the Agreement; for failure to carry out orders; for such periods as he may deem necessary due to unsuitable weather; for conditions considered unsuitable for the progress of the work; or for any other condition or reason deemed to be in the public interest. Written orders shall state the reason for suspension.

SPECIFICATIONS/SCOPE OF WORK:

Eureka City is accepting bids for a Contractor to Chip Seal the roads located in Eureka City. All work performed by the Contractor shall meet or exceed all applicable specifications listed in the publication American Public Works Association - Manual of Standard Specifications, 1997 Edition, published by the Utah Chapter of the American Public Works Association, hereinafter referred to as the "Manual of Standard Specifications".

1. CITY ROAD LOCATIONS (268,875 Square Feet)

- 1. Beck Street (Length 2,300 feet, Width 25 feet)**
- 2. Hannifin Avenue (Length 770 feet, Width 25 feet)**
- 3. Jones Street (Length 600 feet, Width 25 feet)**
- 4. Chief Street (Length 480 feet, Width 25 feet)**
- 5. Haulage Road (Length 2,100 feet, Width 25 feet)**
- 6. Carlson Street (Length 335 feet, Width 25 feet)**
- 7. Bray Street (Length 325 feet, Width 25 feet)**
- 8. Eagle Street (Length 1,620 feet, Width 25 feet)**
- 9. Iron & O'Connor Street (Length 2,225 feet, Width 25 feet)**

Chip Seal work to be completed by September 30, 2019. Furnish all labor, materials, and equipment as required to apply bituminous and aggregate cover materials at locations shown.

2. CLEANING/ROAD PREPARATION

- A. Streets will be swept or cleaned thoroughly of all dirt, weeds, sand, oil, grease and loose materials, prior to placing chips. Contractor will comply with SWPPP practices and will prevent chips from entering storm drains.
- B. Install protective covers for all utilities in roadways (manholes, water valves, inlets, etc.) prior to construction. Contractor shall remove all covers to expose all utility covers & lids after construction.
- C. The Contractor shall promptly clean up oil over sprays, fuel, chips or any other spills caused by the contractor during the course of the project including material run off into gutters, driveways or manhole lids & valves that are not covered. Sweep and clean up any loose remaining material from each location after Chip Seal process, including curb & gutters, driveways & sidewalks.

3. CHIP SEAL

The Contractor shall follow the following applications:

- A. Handout flyers & notifications to homeowners/business owners, and any persons who may be directly affected by this project.
- B. Proper pavement temperature of 70 degrees and rising will be reached prior to placing chips.
- C. Emulsion will be applied within range listed in the specification for Lightweight Cover Material. Emulsion will be LMCRS-2. Contractor will supply Eureka City with an Emulsion Testing Certificate for each load supplied demonstrating emulsion is in spec.
- D. Chips will be applied within the application rate listed in the specification for Lightweight Cover Material.
- E. Contractor will use rollers with rubber tires (no steel drum rollers) and achieve a minimum of 3 passes in travel lanes and 4 passes on shoulders and areas with little or no traffic volume.
- F. Contractor will perform initial sweeping of the chips after 12 hours and not more than 48 hours after being placed. Contractor will use a vacuum sweeper type truck on streets with curb and gutter. (Side cast brooms will not be allowed on streets with curb and gutter.)
- G. Fog Seal will be applied after 48 hours and less than 2 weeks after chips have been placed. A final sweep will be performed immediately prior to Fog Sealing unless fog seal can be performed coinciding with the initial sweep at or near the 48-hour mark. If 72 hours passes after chip application, a final sweep will be performed prior to Fog Seal being applied. Fog Seal will be CSS-1 with a 2 to 1 dilute and shall be applied at a rate of .10 - .12 gallons per square yard. The city will allow the contractor to use a seal-coat type treatment instead of CSS-1 as the Fog Seal if they prefer.
- H. Chip Seal and Fog Coat applications will be completed on or before September 30, 2019.

LIGHTWEIGHT COVER MATERIAL

A. Use crusher processed rotary-kiln lightweight expanded shale chips meeting the requirements of Table 1.

Table 1

Chip Seal Cover Material Properties		
Loose Unit Weight	AASHTO T 19	60 lb/ft ³ maximum
*LA Wear	AASHTO T 96	30% maximum
*Soundness	AASHTO T 104	10% maximum
* Project owner has the right to waive this requirement if the aggregate has proven acceptable through successful past performance.		

B. Meet grade limits in Table 2. Refer to AASHTO T27 and T11.

Table 2

Gradation Limits		
Sieve Size	Percent Passing	
	Type A	Type C
1/2 in.	100	90 – 100
3/8 in.	80 – 100	55 – 80
No. 4	5 – 40	0 – 5
No. 8	0 – 20	0 – 3
No. 16	0 – 10	
No. 200		0 – 1

Reference: UDOT 2017 Standard Specifications, Section 02785 Chip Seal Coat.

C. Calibrate the spreader at the beginning of the project and as often as necessary to comply with Table 3.

Table
3

Lightweight Aggregate Approximate Spread Rates		
Unit Weight lbs / ft³	Application Rate lbs / yd²	
	Type A	Type C
45 – 50	9.6	11.8
50 – 55	10.6	13.1
55 – 60	11.6	14.3

D. Calibrate distributor truck at the beginning of the project and as often as necessary to comply with the emulsion shot rate for the chip size being used in Table 4. Adjust emulsion shot rate within the range listed based on site-specific conditions that may vary from one location to another in the project. (e.g. porous (thirsty) pavement on one street, such as with new leveling course asphalt for example, will require more emulsion than a different street on the same project with older tightly sealed pavement that has been in place for years.)

Table
4

Approximate Emulsion Shot Rates	
Application Rate gallons / yd²	
Type A	Type C
.33 - .37	.42 - .46
*Adjusted within range listed based on site-specific variables during application.	

Reference: UDOT 2017 Standard Specifications, Section 02785 Chip Seal Coat.

4. TRAFFIC CONTROL – 1.5 (Section 01555 of the Manual of Standard Specifications)

The Contractor shall provide traffic control following the “Manual on Uniform Traffic Control Devices”. The Contractor will notify all homes on the streets during the construction process. Related costs for ALL traffic control, warning signs and needed flagmen are the responsibility of the Contractor. Traffic Control shall not be paid as a separate item.

25 MPH Loose gravel signs shall be placed at the entrance of each location & throughout the project where construction is taking place.

5. REQUIRED EQUIPMENT

1. Distributor Truck The material shall be sprayed over the prepared surface by means of a hydrostatic pressure distributor with full circulating spray bar. The material shall be applied in such a manner that an inspection of the spread can be made and any defects corrected before the cover material is applied. The rate of application shall be a minimum of 0.40 through 0.46 gallons per square yard. Application of bituminous material shall not be more than 100 feet in advance of the placing of cover material. Joints between applications shall be made by overlapping joints to ensure coverage. Valve action shall be instantaneous, both in starting and cut off. The distributor shall attain the proper application speed at the time the spray bar is opened. The temperature range of the bituminous material at the time of application shall be such that the viscosity will be between 50 and 100 centistokes as determined in accordance with ASTM Designation D-2170. At a minimum, the air temperature in the shade and the roadbed temperature shall be 60°F. and rising.

Bituminous Material: The bituminous material placed in advance of aggregate cover material shall be emulsified Asphalt LMCRS-2 type. The emulsion shall be placed on the street surface at a uniform rate with an application coverage of 0.40 -0.46 gallons per square yard.

2. **CHIP SPREADER AND ROLLERS** The aggregate cover material shall be spread immediately after applying the bituminous (LMCRS2) material, by means of an approved spreader which can be adjusted to uniformly spread the required amount of aggregate. Immediately after spreading, the cover material shall be hand-broomed, if necessary, to distribute the aggregate uniformly over the surface. After the cover material has been satisfactorily spread, the surface shall be rolled by 12 ton pneumatic-tired rollers in a longitudinal direction. Rolling performed with pneumatic-tire rollers shall adequately seat the cover material and shall consist of at least three complete passes by each roller (a total of six passes). Rolling shall be completed the same day the bituminous material and cover material are applied.

3. **WATER TRUCK or WATER TRAILER.** The aggregate (Utilite A Chip) pile will need to be washed/sprayed as needed to ensure that any dust has been removed from the chips to create a bond with the emulsion.

SECTION 4 - BID PROPOSAL

CONTRACTOR: _____

_____ Date

_____ Business License Number

_____ State Contracting License Number

Name, Address, and Phone Number

State License Classification Number

The undersigned, after having personally and carefully examined the site of the work, the Specifications and form of the agreement, all of which are made a part hereof, proposes to furnish all labor, equipment, tools and machinery, and to furnish and deliver all materials not specifically mentioned as being furnished by the local agency, which are required in the construction of the:

2019 Chip Seal Project
for Eureka City
Bid # 2019-01

For the total sum of _____

Dollars, (\$_____.), as detailed on the Bidding Schedule.

The undersigned further proposes to execute the attached agreement within five working days after the date of the award, and to begin work within five working days after being notified to do so by the local agency, weather pending, and to complete the same on or before September 30, 2019, after the signing of the agreement by both parties. It is understood that Eureka City has the right to reject this bid or to accept it at the price listed above and the prices located in the Bidding Schedule.

Signature of the Preparer

Company Seal

Title of Preparer

BIDDING SCHEDULE

LOCATION & APPROXIMATE QUANTITIES **TOTAL COST**

CHIP SEAL PROJECT

- | | |
|---------------------------------|-----------------|
| 1. Lump Sum Total | \$ _____ |
| 2. Price per Square Yard | \$ _____ |

Please attached a detailed quote of all materials, labor etc. that will be included in this proposal.

Note: Actual payment for the work shall be based upon the actual work completed, approved and accepted by the Eureka City Mayor and Council. Eureka City reserves the right to eliminate portions of work from this bid and contract because of budget constraints or high construction costs.