



City of Conway
Office of the Mayor

Mayor Bart Castleberry
www.cityofconway.org

Invitation to Bid No. 2019-17
Asphalt Milling, Paving, Marking

**INVITATION
TO THE VENDOR ADDRESSED:**

Bidders are invited to provide the services listed herein in accordance with the terms and conditions attached. **Sealed** bids must be in the Office of the Mayor no later than;

11:00 a.m. Wednesday, July 10th, 2019

at which time all bids will be opened and read in the Downstairs Conference Room in City Hall. Successful bidders will receive purchase order, within 30 days after City Council approval, if necessary. **Unsigned bids will be rejected.**

1. DESCRIPTION OF WORK:

The work includes asphalt cold milling (1.5" to 2") and/or placing asphalt surface course (2" overlay) on the streets listed on the Bid Submittal forms included at the end of this document, and placement of pavement markings on designated streets. The City Engineer may include additional streets and/or other asphalt paving work (e.g. parking lots) during the year. The period of performance shall be for 12 months from the date the City Council approves award of this work.

Estimated Quantities:

- Cold Milling 73,300 sq yds
- Asphalt Overlay (non-reinforced) 7,800 tons
- Fiber Reinforced Asphalt Overlay 1,950 tons

<u>Pavement Marking</u>	<u>Reflectorized Paint</u>	<u>Thermoplastic</u>
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2. INSTRUCTION TO BIDDERS:

- a. Each bid must be submitted on the forms included herein and be signed and dated in ink by a company representative authorized to bind the Bidder. No bid will be considered that covers only part of the work; a conditional bid will not be considered. All tax and fees are considered to be included in the bid price submitted. Bid Bond and Performance Bond are not required.
- b. Award of the work specified herein will be made to the responsible Bidder submitting the lowest total price for milling and paving (streets listed on the Bid Submittal forms) plus the total pavement marking price. The City Engineer reserves the right to cancel work on streets included on the bid list and/or add streets or other asphalt work to the list.
- c. Award of any milling and paving work for streets not specified herein will be made to the responsible Bidder whose unit price bids for the five (5) categories listed at the top of the Bid Submittal form result in the lowest total cost. If the firm submitting the unit price bids that result in the lowest total cost is unable to deliver within 15 days of notification of need, the city will go to the next lowest total cost to find the next Contractor to select.
- d. Once work has commenced on any bid item, that work must be completed within 14 calendar days. All work must be completed no later than **15 November 2019**.

3. MINIMUM SPECIFICATIONS:

- a. **Cold milling** of asphalt pavement shall be performed on all streets listed on the Bid Submittal Forms except as noted. For streets with curb and gutter to be cold milled and paved, the existing pavement shall be milled to a depth of 1.5 to 2 inches below the gutter the full width of the street, or a 7' edge mill at all gutters, as directed by the City Engineer. Limits of milling on side streets shall be as directed by the City Engineer.
 - 1) The finished surface on all streets after milling shall show no variation more than ¼ inch when checked with a 10' rolling straightedge operated parallel to the centerline.
 - 2) All overlays will require butt joints at the start and stop of the overlaid section; cost for milling of all butt joints will be considered incidental to paving work. At the end of a day's run, vertical differentials will only be permitted at the centerline or lane lines and the traverse joint remaining shall be tapered to provide a smooth ride.
 - 3) Provisions shall be made for the effective means of preventing dust resulting from the milling operation from escaping into the air, and for the removal of resulting material from the street right of-way.
 - 4) Measurement for **Cold Milling** work completed and accepted will be by the square yard of pavement milled to the depth specified. Payment for the streets listed will be at the contract unit price bid per square yard for each street. Payment for unspecified milling work will be at the contract unit price bid per square yard for the bid category.
- b. **ACHM patching** shall be performed on areas designated by the City Engineer. Patching shall be in accordance with Section 415 of the Standard Specifications for Highway Construction, current edition, as published by the Arkansas Department of Transportation, and shall be performed after the initial 1.5" to 2" milling. For the areas designated by the City Engineer,

an additional 4" of material shall be removed and replaced with ACHM Binder, compacted, and leveled to match the surrounding milled surface in preparation for asphalt overlay.

- 1) Measurement and payment for **ACHM Patching** shall at the contract unit price bid per square yard for the bid category.
- c. **Asphalt Concrete Hot Mix (ACHM) Surface Course** (70-22 PG) shall be placed in accordance with Section 410 Standard Specifications for Highway Construction, **2014 Edition**, as published by the Arkansas Department of Transportation.
- 1) Materials shall comply with Section 409 of the ARDOT Standard Specifications **2014 Edition** and this subsection. The materials shall be proportioned to meet the design requirements for asphalt concrete surface course mixtures as shown in Table 1.
 - 2) The design of ACHM surface course mix shall be according to the most current Asphalt Institute MS-2 Mix Design Methods (Marshall Mix) and shall utilize 70-22 PG and No. of Blows requirements specified below.
 - 3) The quality control of ACHM surface course mixes shall be according to Section 404 of the AHTD Standard Specifications **1996 Edition**.

Table 1
Design Requirements for Asphalt Concrete Hot Mix Surface Course
Marshall Type 3

Sieve (mm)	Control Points Percent Passing (%)
1/2" (12.5)	100
3/8" (9.5)	90 - 100
No. 4 (4.75)	90 max.
No. 8 (2.36)	32 - 67
No. 16 (1.18)	-
No. 30 (0.60)	-
No. 50 (0.30)	-
No. 200 (0.075)	2 - 10
Asphalt Binder Content	Design Value
No. of Blows	50
Minimum Stability, lbs.:	1200
Marshall Flow, 1/100":	8-16
% Air Voids	4.0
% VMA	15
Minimum Water Sensitivity Ratio	70
% Anti-strip	As Required
Percent Voids Filled with Asphalt (VFA)	65 - 78

* Fines to asphalt ratio shall be defined as the percent materials passing the No. 200 (0.075 mm) sieve (expressed as a percent of total aggregate weight) divided by the effective asphalt binder content.

- 4) **Fiber Reinforcing** shall be added to the ACHM surface course mix for the concrete streets listed on the Bid Submittal Forms. Reinforcing fibers shall be added at the plant, in the quantity recommended by the manufacturer's instructions, by either automated delivery or manual feeding to ensure fibers are uniformly dispersed. Suggested brand of reinforcing fiber is **FORTA-FI**® manufactured by Forta. If other brands of fiber are proposed, manufacturer's specifications must meet Forta-FI specifications. Fiber reinforcing will be considered as part of the unit price bid for in-place ACHM surface course and not paid for separately.
 - 5) Measurement for **Asphalt Concrete Hot Mix (ACHM) Surface Course** and **ACHM Surface Course w/ Reinforcing Fiber** for the streets listed will be by the ton (Truck ticket) of pavement placed and accepted. Payment for the streets listed will be at the contract unit price bid per ton for each street. Payment for unspecified paving work will be at the contract unit price bid per ton for the appropriate bid category.
- d. **Asphalt Hot Mix Binder Course** (64-22 PG) shall meet requirements of Section 406 of the Standard Specifications for Highway Construction, current edition, as published by the Arkansas Department of Transportation.
- 1) Measurement for **Asphalt Hot Mix Binder Course** for any unspecified paving work acceptably placed and completed will be by the ton (Truck ticket). Payment will be at the unit price per ton for the Bid Category.
- e. **Tack Coat** (0.03 gal per square yard for paving on existing asphalt or concrete) conforming to Section 401 of the Standard Specifications for Highway Construction, current edition, as published by the Arkansas Department of Transportation will be considered subsidiary to the amount bid for in-place asphalt and not paid for separately.
- f. **Pavement Marking** configurations will conform to the City of Conway Standard Drawings (PM-1 through PM-5) unless approved by the City Engineer. Pavement marking drawings for each street will be provided following issuance of Notice-to-Proceed, markings will require proper layout before striping can begin.
- 1) Installation and materials shall be in accordance with Section 718 – ReflectORIZED Paint Pavement Marking and Section 719 – Thermoplastic Pavement Marking of the Arkansas 2014 Standard Specifications for Highway Construction.
 - 2) Any pavement marking applied by the contractor that is in violation of Sections 718 or 719 of the Arkansas 2014 Standard Specifications for Highway Construction, the City of Conway Standard Drawings the approval of the City Engineer shall be removed by way of water-blasting at no cost to the City of Conway.
 - 3) The contractor shall provide the City Engineer with a weekly report including an update on progress and a list of streets that will be striped during the following week. This report is to be submitted by Thursday at 5:00 pm each week for the entirety of the program.
- g. **Traffic Control** shall be provided by the Contractor for all work performed. Prior to any temporary lane closures, approval shall be obtained from the City Engineer.

NOTE – SPECIAL QUALITY CONTROL REQUIREMENTS: A Materials Transfer Device or Materials Transfer Vehicle (MTD/MTV) shall be used for placement of all ACHM courses on streets, or adjacent street sections, with estimated quantities of totaling **750 tons** or more of hot mix. The Contractor shall utilize a nuclear density gauge, in accordance with Section 410.08, Rolling and Density Requirements and Joints, to verify the maximum densities possible are obtained. The test reports of all Contractor acceptance tests shall be provided to the City Engineer by the end of the first working day following production of the material. If for any reason a rolling pattern cannot be established to produce the specified density, a new mix design will be required. The pavement finished surface shall meet the smoothness requirements specified in Section 410.09.

**City of Conway – Purchasing
Department
Terms & Conditions**
www.cityofconway.org

By Submission of bid, bidder certifies that he has read all terms and conditions and that bid is submitted in accordance therewith.

1. Prices quoted will be considered to be net prices unless otherwise stated by the bidder. Cash discounts requiring payments in less than 30 days will not be considered in making awards.
2. Prices quoted shall be FOB Conway unless otherwise specifically stated on proposal. In either case, delivery charges must be prepaid.
3. All charges including taxes, shipping, freight, and any miscellaneous taxes shall be included in prices quoted, if applicable.
4. Bidder certifies that he will make delivery of items for which he bids within the specified time as indicated in the bid specifications - ***unless otherwise specifically stated***. Time of delivery in excess of the indicated time may be considered a factor in making awards.
5. In case of default of contractor in making deliveries as per contract, the City may procure the articles or services from other sources and hold the contractor responsible for all excess costs occasioned thereby. Bidder's record as to satisfactory performance under previous contracts will be considered a factor in making awards and retention on bid lists.
6. The City reserves the right to reject any or all bids, in part or in whole and to waive information in bids received.
7. If not otherwise specified, bidder must furnish brand names with catalog number, if any, on items which are offered as "equal." In all such cases the burden of establishing equality is upon the bidder and failure to do so within a reasonable time may result in rejection. Alternative bids will not be considered unless no other type bid for the item is received.
8. In the case of equal or tie bids, preference will be given to Arkansas bidders. Other than as stated in the first sentence, awards on tie bids will be made at the discretion of the purchasing official. In such cases, "splitting" will be avoided and awards of previous contract(s) to one or more of the bidders will not be a factor.
9. In the event that bidder is unable to furnish all of an item, bids on portions thereof may be considered.
10. Final inspections and acceptance or rejection will be made after delivery. Items rejected because of non-conformance shall be removed and replaced immediately with those which meet specifications, all at the expense of the contractor. In the event that necessity requires the use of non-conforming items, payment therefore will be made at a proper reduction in price which shall be not greater than contractor's actual cost by purchase, fabrication, manufacture or other production method plus transportation paid to carriers. All costs in connection with testing items that do not meet specifications shall be paid by contractor.
11. Quality, time of performance, probability of performance, and location of bidder will be factors in awards of all contracts.
12. The City reserves the right to purchase any, all or none of the items listed, in combinations thereof that may be in the best interest of the City of Conway.
13. The City reserves the right to change any specifications, terms and/or conditions at any time, with adequate notice in writing to bid invitees of those changes, if any.
14. The City is qualified for "GSA" pricing schedules, ***if available and applicable***.
15. The City reserves the right to waive any informalities or minor defects, but this shall not be construed to indicate waiver of any specification, term and/or condition unless in the best interest of the City in the judgment of the City.
16. **CONSTRUCTION/INSTALLATION:** Any construction work that is worth \$20,000 or more must comply with Arkansas Code Annotated § 22-9-204.
17. **BOND REQUIREMENT:** 5% bid bond or cashier's check drawn upon a bank or trust company doing business in Arkansas in the amount of 5% of the amount of the bid is required for all construction projects over \$35,000. A 100% Performance Bond of contract amount for the successful bidder is required on all construction projects over \$35,000.

18. **ENGINEER REQUIREMENT:** All infrastructure projects in excess of \$25,000 must be designed by a state-licensed engineer.
19. **ARCHITECT REQUIREMENT:** All Building projects in excess of \$100,000 must be designed by a state-licensed architect.
20. **CONTRACTOR LICENSE REQUIREMENT:** A contractor must have a commercial license if the contractor is performing \$50,000 or greater of work, including, but not limited to, labor and material, on a commercial project.
21. **The City of Conway is not responsible for lost or misdirected bids.**
22. **PROHIBITED INTEREST CONDITION:** No official of the City authorized on behalf of the City to specify, plan, design, negotiate, make, accept or approve, or take part in specifying, planning, negotiating, making, accepting or approving any construction or material purchase contract or any subcontract in connection with any purchase made by the City of Conway shall become directly or indirectly interested personally in the purchase in the purchase or any part thereof.
23. **VENUE; Governing Law:** The laws of the State of Arkansas shall act as the governing law for any disputes between the City of Conway and any parties related to this bid, RFP, or RFQ with exclusive venue being Faulkner County Circuit Court.
24. **EQUAL OPPORTUNITY IN EMPLOYMENT:** The City of Conway is an Equal Opportunity Employer and does not discriminate on the basis of race, color, religion, sex, national origin, marital or veteran status, political status, disability status or other legally protected status
25. Pursuant to Arkansas Code Annotated § 19-11-105, Contractor(s) providing services of \$25,000 or greater **shall** certify with OSP that they do not employ or contract with illegal immigrants.
26. By signing and submitting a response to this *Bid Solicitation*, a Prospective Contractor for services of \$25,000 or greater agrees and certifies that they **do not employ or contract with illegal immigrants**. If selected, the Prospective Contractor certifies that they will not employ or contract with illegal immigrants during the aggregate term of a contract.
27. **RESTRICTION OF BOYCOTT OF ISRAEL**
Pursuant to Arkansas Code Annotated § 25-1-503, a public entity **shall not** enter into a contract with a company unless the contract includes a written certification that the person or company is not currently engaged in, and agrees for the duration of the contract not to engage in, a boycott of Israel. This prohibition does not apply to:
1. A company which offers to provide the goods or services for at least twenty percent (20%) less than the lowest certifying business.
 2. Contracts with a total potential value of less than \$1,000.
- By signing this bid form, a Prospective Contractor agrees and certifies that they do not, and will not for the duration of the contract, boycott Israel.
28. **PAST PERFORMANCE** In accordance with provisions of State Procurement Law, specifically OSP Rule R5:19-11-230(b)(1), a Prospective Contractor's past performance with the City may be used to determine if the Prospective Contractor is "responsible". Proposals submitted by Prospective Contractors determined to be non-responsible will be disqualified.



**City of Conway – Annual Bid, Asphalt Milling, Paving, Marking
Bid Number: 2019-17
Bid Submittal Form**

Authorized Agent Bidding on this project:

Company Name

Company Representative Name

Representative's Signature

Date

Address

Email Address

City

State

Zip

Telephone Number

Fax Number

Unsigned bids will be reject

Asphalt Milling, Paving, Marking 2019

Name of Bidder _____ Company Representative _____ Date _____

<u>Bid Category (unspecified quantity)</u>	<u>Unit Price</u>
1. Cold Milling Asphalt Pavement	\$ /Sq Yd
2. ACHM Patching	\$ /Sq Yd
3. Asphalt Concrete Hot Mix Surface Course - 70-22PG (in-place)	\$ /Ton
4. ACHM Surface Course w/ Reinforcing Fiber - 70-22PG (in-place)	\$ /Ton
5. Asphalt Concrete Hot Mix Binder Course - 64-22PG (in-place)	\$ /Ton

Street Name	Extents		Milling Qty (Sq Yd)	Milling Unit Price (\$/Sq Yd)	Total Milling Cost	Paving Qty (Ton)	Paving Unit Price (\$/Ton)	Total Paving Cost	Total Milling / Paving Cost
Morningside Dr*	Timberlane	Tucker Creek	2700	\$	\$	670	\$	\$	\$
Tucker Creek Rd*	Salem	Tyler	-----	-----	-----	860	\$	\$	\$
Davis St*	Dave Ward	Robins	-----	-----	-----	770	\$	\$	\$
Robinson Ave	Farris	Locust	24,000	\$	\$	2,640	\$	\$	\$
6th St	Harkrider	1st	7,700	\$	\$	840	\$	\$	\$
College Ave	Salem	Donaghey	18,400	\$	\$	2,020	\$	\$	\$
Prince	Donaghey	Locust	9,900	\$	\$	1,090	\$	\$	\$

* Edge mill 7' width on Morningside Dr., no milling on Tucker Creek Rd. or Davis St. All three of these concrete streets to be overlaid with ***fiber reinforced asphalt surface course***.

Asphalt Milling, Paving, Marking 2019 (con't)

Name of Bidder _____ Company Representative _____ Date _____

Street Name	Extents		Milling Qty (Sq Yd)	Milling Unit Price (\$/Sq Yd)	Total Milling Cost	Paving Qty (Ton)	Paving Unit Price (\$/Ton)	Total Paving Cost	Total Milling / Paving Cost
Wilmington Dr	Winstead	Marlise	2,300	\$	\$	260	\$	\$	\$
Winstead Dr	Wilmington	Dillard	1,700	\$	\$	190	\$	\$	\$
Destin Dr	Winstead	Marlise	1,900	\$	\$	210	\$	\$	\$
Chase Dr	Winstead	Marlise Dr	1,900	\$	\$	210	\$	\$	\$
Dillard Dr	Winstead	Marlise Dr	1,900	\$	\$	210	\$	\$	\$
Marlise Dr	Chase	Dillard	900	\$	\$	100	\$	\$	\$

Total Milling/Paving Cost \$ _____

Bid Items	Reflectorized Paint Qty	Reflectorized Paint Unit Cost	Thermoplastic Qty	Thermoplastic Unit Cost	Total Pavement Marking Cost
4" Yellow	14,450	\$ /LF	36,700	\$ /LF	\$
4" White	500	\$ /LF	870	\$ /LF	\$
6" White	13,520	\$ /LF	14,220	\$ /LF	\$
12" White (Crosswalk)	200	\$ /LF	860	\$ /LF	\$
24" Stop Bars	-----	\$ /LF	250	\$ /LF	\$
Bike Symbol	26	\$ /EA	-----	-----	\$
Arrows	-----	-----	32	\$ /EA	\$

Total Pavement Marking Cost \$ _____