

Minute Entry Sign Up Sheet

Date: 7/1/2020

Time: 10:00

Bid # 2020-017PW

Department: PW

Infrared Pavement Restoration

Attendance

Company

Mac Dillard

COI

Bowen Dallas

COI

Yare Winters

COI

Jason Park

PW

INVITATION, BID AND ACCEPTANCE

CITY OF TUPELO, MS
PUBLIC WORKS DEPARTMENT

Invitation No. 8030-07PW

Public Works Department

TO Asphalt Restoration Co. LLC

ADDRESS P.O. Box 157 Fosters AL 35463 DATE 6-3-20

Sealed bids for the items listed below and subject to the conditions on the reverse side hereof will be received in the office of the Purchasing Agent, City of Tupelo, Mississippi until 10:00 o'clock A Monday July 1 2020 and then publicly opened for the furnishing of the following materials and supplies or services to be delivered NET F.O.B. Tupelo, Mississippi. Identify your bid if other than exact article specified. Delivery to be made at once unless otherwise specified.

CITY OF TUPELO
By Trac Dillard

PURCHASING OFFICE

ARTICLES OR SERVICES	QTY	UNIT PRICE	AMOUNT	
			DOL	CTS
	100	51.75	5,175	
	57			

Technical Specifications.

The City of Tupelo is advertising and accepting bids for Infrared Pavement Restoration for repairing damaged asphalt or surface failures for a twelve-month period of time. Sealed bids will be received until 10:00 a.m. July 1, 2020 at Tupelo City Hall, 71 East Troy Street, Tupelo, MS 38804. Bids can also be submitted electronically at www.centralbidding.com until 10:00 a.m. July 1 2020. Any questions about electronic bidding or purchasing bid documents should be directed to Central Bidding at (225) 810-4814.

Description

The works shall consist of furnishing materials (see Materials) and performing permanent repair on an area of damaged asphalt pavement. The location to be restored shall be identified prior to the commencement of repair activities.

Materials

A one-component emulsified maltenes recycling agent (rejuvenator) is to be applied to the restored area in a ratio of 1:1 with water. The solution shall be well dispersed with a commercial grade sprayer at a rate of 8 ounces per square yard of heated area. This application area shall include both the area under repair as well as the area heated but left undisturbed around the

CITY MAY EXPECT DELIVERY BY

DATE 6-30-20
 BIDDER Asphalt Restoration Co. LLC
 ADDRESS P.O. Box 157 Fosters, AL 35463
 TELEPHONE 205-393-9149
 BY Mina Spivey

INVITATION, BID AND ACCEPTANCE

CITY OF TUPELO, MS
PUBLIC WORKS DEPARTMENT

Invitation No. 2000-07A

Public Works Department

TO Asphalt Restoration Co. LLC

ADDRESS P.O. Box 157 Fosters, AL 35463

DATE 6-3-20

Sealed bids for the items listed below and subject to the conditions on the reverse side hereof will be received in the office of the Purchasing Agent, City of Tupelo, Mississippi until 10:00 o'clock 17 M. July 1 20 20, and then publicly opened for the furnishing of the following materials and supplies or services to be delivered NET F.O.B. Tupelo, Mississippi. Identify your bid if other than exact article specified. Delivery to be made at once unless otherwise specified.

CITY OF TUPELO

By Traci Dulan

PURCHASING OFFICE

ARTICLES OR SERVICES	QTY	UNIT PRICE	AMOUNT	
			DOLL	CENTS
perimeter of the repair. The application shall take place after the area has been scarified and just prior to the addition of new asphalt. The rejuvenator replaces the light oil component of asphalt, which has oxidized over time.	100. 2.7		\$1.75	\$175
The infrared repair contractor shall provide MDOT 212115 OR D mix temperature (275-325 degrees Fahrenheit) to be added to the repair to bring the area up to grade with the existing road.				
Equipment General- the infrared restoration equipment shall consist of a truck mounted self-contained asphalt restoration system that meets the following specifications Infrared Heater- the heating chamber shall consist of (14) 75,000 BTU High Intensity Infrared Heater with Venturi Type gas mixing. The heat area shall be a minimum of 6 Ft to 12 Ft to provide a minimum 12 Ft lane width repair area per heat. The chamber shall consume no more than 15,000 BTU per square foot of heated area. This rate of consumption shall translate into the ability of the heater to soften asphalt to a depth of 1 1/2 - 2 1/2 inches in 8 - 10 minutes without burning the surface. The infrared heat chamber shall be fueled by liquid propane using a High Capacity CGA approved vaporizer (40 USG @ -40 degrees F) to convert the liquid propane to vapor and provide full pressure to the heaters until the propane cylinders are empty. The truck unit shall contain at least 4 cylinders of propane to provide enough fuel to operate the heater chamber and reclaimer for two days. The heat system shall utilize an Intelligent				

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DATE 6-30-20

BIDDER Asphalt Restoration Co. LLC

ADDRESS P.O. Box 157 Fosters, AL 35463

TELEPHONE 205-323-9199

BY Mixer Spivey

INVITATION, BID AND ACCEPTANCE

CITY OF TUPELO, MS
PUBLIC WORKS DEPARTMENT

Invitation No. 3000-017PL

Public Works Department

TO Asphalt Restoration Co. LLC

ADDRESS P.O. Box 1579 Fosters, AL 35463

DATE 6-3-20

Sealed bids for the items listed below and subject to the conditions on the reverse side hereof will be received in the office of the Purchasing Agent, City of Tupelo, Mississippi until 10:00 o'clock A.M. July 1 20 20, and then publicly opened for the furnishing of the following materials and supplies or services to be delivered NET F.O.B. Tupelo, Mississippi. Identify your bid if other than exact article specified. Delivery to be made at once unless otherwise specified.

CITY OF TUPELO

By [Signature]

PURCHASING OFFICE

ARTICLES OR SERVICES	QTY	UNIT PRICE	AMOUNT	
			DOL.	CIS.
Control Station with HMI and PLC Functions to monitor heat timing for quality control of infrared system. The HDE Infrared Heat System Model P750 is an approved unit for this project it, or a comparable unit meeting the above requirements should be used. Asphalt Storage Unit- a thermostatically controlled storage unit will be utilized to insure that sufficient hot virgin asphalt is on hand. The reclaimer/storage unit shall contain two 37,000 BTU atmospheric infrared heaters. Thermostats shall work in conjunction with timers to insure proper temperature is maintained without harming the asphalt. Electronic ignition shall be standard. An automatic switchover regulator shall be used to reduce the tank pressure to 11" water column. Compactor/Roller- the compaction equipment used shall be vibratory capable of generating at least 2000 lbs. of applied force/square inch. Steel Rake- a steel rake shall be used to delineate the repair area along the chalk line and to scarify the heated area of the patch inside the chalk line to a depth of at least 2 inches. Asphalt Lute- a 36" wide lute shall be used to evenly distribute the added asphalt and to establish the proper grade.	100 S.Y.	\$1.75	5,175	60

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DATE 6-30-20
 BIDDER Asphalt Restoration Co. LLC
 ADDRESS P.O. Box 157 Fosters, AL 35463
 TELEPHONE 205-393-9149
 BY Minor Spivey

INVITATION, BID AND ACCEPTANCE

CITY OF TUPELO, MS
PUBLIC WORKS DEPARTMENT

Invitation No. 3000-07AW

Public Works Department

TO Asphalt Restoration Co. LLC

ADDRESS P.O. Box 157 Fosters, AL 35463

DATE 6-3-20

Sealed bids for the items listed below and subject to the conditions on the reverse side hereof will be received in the office of the Purchasing Agent, City of Tupelo, Mississippi until 10:00 o'clock A M July 1 20 20, and then publicly opened for the furnishing of the following materials and supplies or services to be delivered NET F.O.B. Tupelo, Mississippi. Identify your bid if other than exact article specified. Delivery to be made at once unless otherwise specified.

CITY OF TUPELO

By Mike Dillan

PURCHASING OFFICE

ARTICLES OR SERVICES	UNIT	UNIT PRICE	AMOUNT	
			DOL	CTS
<p>Methods of Construction</p> <p>General- Before the infrared restoration is begun, the proper authorities, in conjunction with the contractor will mark out the areas to be restored.</p> <p>Safety- Proper safety precautions shall be taken including traffic cones, signage, and flagmen (if necessary) to insure a safe workplace for workers, pedestrians and automobile traffic. All Traffic Control shall be in accordance with current MUTCD standards. The City of Tupelo will assist with traffic control as needed.</p> <p>Defining and Preparing the Work Area:</p> <ol style="list-style-type: none"> 1. The area shall be swept clean of dirt, loose aggregate or standing water. 2. A chalk line shall be drawn 6-12 inches back from the damage. <p>Heating the Repair Area:</p> <ol style="list-style-type: none"> 3. The infrared chamber is lowered over the repair being sure to allow at least 12 - 18 inches of heated area beyond the perimeter of the original opening. 4. To ensure the proper heating time, the contractor shall check the surface temperature of the asphalt at seven minutes and every minute thereafter using an infrared thermometer so as not to allow the surface temperature to exceed 350 degrees. 5. After the appropriate heating time (typically 8- 10 minutes), the asphalt surface will be softened to a depth of 2 - 2 1/2 inches. 6. The infrared chamber is then removed from the heated area. <p>Raking the Heated Area:</p>	100 S.Y.	\$1.75	\$175	00

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DATE 6-30-20

BIDDER Asphalt Restoration Co. LLC

ADDRESS P.O. Box 157 Fosters, AL 35463

TELEPHONE 205-393-9199

BY Miller Spivey

INVITATION, BID AND ACCEPTANCE

CITY OF TUPELO, MS
PUBLIC WORKS DEPARTMENT

Invitation No. 2020-017PW

Public Works Department

TO Asphalt Restoration Co. LLC

ADDRESS P.O. Box 157 Fosters AL 35463

DATE 6-3-20

Sealed bids for the items listed below and subject to the conditions on the reverse side hereof will be received in the office of the Purchasing Agent, City of Tupelo, Mississippi until 10:00 o'clock AM July 1 20 20, and then publicly opened for the furnishing of the following materials and supplies or services to be delivered NET F.O.B. Tupelo, Mississippi. Identify your bid if other than exact article specified. Delivery to be made at once unless otherwise specified.

CITY OF TUPELO

By Trac Williams

PURCHASING OFFICE

ARTICLES OR SERVICES	UNIT	UNIT PRICE	AMOUNT	
			DOL	CTS
7. The backside of a street rake is used to neatly square off the repair, cutting 6-12 inches back from the damage along the chalk line.	100 sq y	51.75	5175	
8. The area inside the repair is then deeply scarified, taking special care to eliminate the original seam between the repair and the road.				
9. The maltenes rejuvenator shall be applied if needed, to the repair and the surrounding heated asphalt surface.				
Adding Plant Mix Asphalt:				
10. MDOT 212115 or D mix (1/2" aggregate or smaller) is then added to the area to bring it up to proper grade.				
11. The repair is luted smooth.				
Compaction:				
12. The area is property compacted being sure to roll the edges first to fuse the hot repair to the heated but untouched surrounding pavement.				
13. A light coat of stone dust can then be spread over the repair to remove the tackiness. The road can then be opened to traffic.				

Note: The total time for a typical single heat restoration should be no more than 20:30 minutes. The timeframe shall be strictly adhered to so as to insure that both the heated pavement and added asphalt have not been allowed to cool significantly. This guarantees the proper fusion between the repair and the existing road surface.

Standard Warranty

The infrared restoration installed under this specification shall be guaranteed by the contractor against failure resulting from defective materials or methods of application for a period of one year from date of installation.

CITY MAY EXPECT DELIVERY BY

DATE 6-30-20
BIDDER Asphalt Restoration Co. LLC
ADDRESS P.O. Box Fosters AL 35463
TELEPHONE 205-343-9144
BY Mike Spivey

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INVITATION, BID AND ACCEPTANCE

CITY OF TUPELO, MS
PUBLIC WORKS DEPARTMENT

Invitation No. 280-07A

Public Works Department

TO Asphalt Restoration Co. LLC

ADDRESS P.O. Box 157 Foster, AL 35463

DATE 6-3-20

Sealed bids for the items listed below and subject to the conditions on the reverse side hereof will be received in the office of the Purchasing Agent, City of Tupelo, Mississippi until 10:00 o'clock A M July 1 2020, and then publicly opened for the furnishing of the following materials and supplies or services to be delivered NET F.O.B. Tupelo, Mississippi. Identify your bid if other than exact article specified. Delivery to be made at once unless otherwise specified.

By [Signature]
CITY OF TUPELO

PURCHASING OFFICE

ARTICLES OR SERVICES	QTY	UNIT PRICE	AMOUNT	
			DOL	CTS
<p>The contractor shall guarantee to repair, without cost to the customer that part of the original restoration installed under this contract that, in the opinion of the property owner, has not remained in useful service. The repair installed under this warranty shall be guaranteed the same as the original material- from the date of the original restoration. This warranty shall not include depressions or areas of settlement caused by lack of proper compaction of the base or sub-base material.</p> <p>General Bidder Requirements</p> <ol style="list-style-type: none"> All bids must be submitted on the bid form. The bid form is the signed form with the date, bid number and the vendor address on it. The bidder shall sign and date the bid at the bottom of the form. If the bid is delivered to City Hall, the outside of the envelope shall be clearly marked with vendor, invitation number, Certificate of Responsibility Number and time and date to be opened. If the bid is submitted electronically through Central Bidding, the Certificate of Responsibility shall be included with the bid documents. The City of Tupelo reserves the right to reject any and all bids, to waive any informality in the bid, or award the bid to whomever they may choose. <p>General Specifications</p> <ol style="list-style-type: none"> The successful bidder must provide a Certificate of Insurance of \$300,000 minimum per vehicle with submitted bid. 	100 34	\$1.75	1750	00

CITY MAY EXPECT DELIVERY BY

DATE 6-30-20
 BIDDER Asphalt Restoration Co. LLC
 ADDRESS P.O. Box 157 Foster, AL 35463
 TELEPHONE 205-343-2192
 BY Miller Spivey

INVITATION, BID AND ACCEPTANCE

CITY OF TUPELO, MS
PUBLIC WORKS DEPARTMENT

Invitation No. 2000-0119
Public Works Department

TO Asphalt Restoration Co. LLC

ADDRESS P.O. Box 157 Fasters, AL 35463 DATE 6-3-20

Sealed bids for the items listed below and subject to the conditions on the reverse side hereof will be received in the office of the Purchasing Agent, City of Tupelo, Mississippi until 10:00 o'clock A M July 20 20 and then publicly opened for the furnishing of the following materials and supplies or services to be delivered NET F.O.B. Tupelo, Mississippi. Identify your bid if other than exact article specified. Delivery to be made at once unless otherwise specified.

CITY OF TUPELO
By [Signature]
PURCHASING OFFICE

ARTICLES OR SERVICES	UNIT	UNIT PRICE	AMOUNT DOL T CTS.
2. The successful bidder must provide a Certificate of Insurance of \$1,000,000 minimum general liability with submitted bid.			51.75 55.175
3. The successful bidder must have current Privilege License with the City of Tupelo or Lee County if local vendor and show proof with submitted bid.	100 sq		
4. The successful bidder must show evidence of Worker's Compensation insurance submitted with the bid.			
5. The City of Tupelo will not accept responsibility for wrecker fees (towing), mechanical breakdowns, or damage to vendor owned equipment which delivers or performs at work sites. City equipment will not be used in conjunction with vendor equipment in any way.			
Minimum amount 100 Sq. Yards. Infrared Pavement Restoration. Cost per square yard			

CITY MAY EXPECT DELIVERY BY

DATE 6-30-20
BIDDER Asphalt Restoration Co LLC
ADDRESS P.O. Box 157 Fasters AL 35463
TELEPHONE 205-323-9199
BY Micah Spivey