

**BID CONDITIONS & SPECIFICATIONS FOR TERM BID CONTRACTS ON TERM BID, BID #09092015, FOR ALL ASPHALT PRODUCTS, MILLING, HOT PLANT MIX, ASPHALT IN PLACE, LIQUID ASPHALT, CORRUGATED POLYMERIC PIPE & COUPLINGS, CRUSHED LIMESTONE, RIP-RAP, SAND & GRAVEL, TRAFFIC PAINT AND GLASS BEADS FOR HINDS COUNTY PUBLIC WORKS DEPARTMENT**

**October 1, 2015-September 30, 2016**

Hinds County Public Works Department  
900 E. Main Street  
Raymond, MS 39154

1. This is an Electronic Sealed Bid Event. Hinds County Board of Supervisors, Jackson, Mississippi will be accepting bids on TERM BID CONTRACT BID #09092015 FOR, ALL ASPHALT PRODUCTS, MILLING, HOT PLANT MIX, ASPHALT IN PLACE, LIQUID ASPHALT, CORRUGATED POLYMERIC PIPE & COUPLINGS, CRUSHED LIMESTONE, RIP-RAP, SAND & GRAVEL, TRAFFIC PAINT AND GLASS BEADS FOR HINDS COUNTY PUBLIC WORKS DEPARTMENT FOR THE PERIOD OF OCTOBER 1, 2015 THROUGH SEPTEMBER 30, 2016.
2. An initial bid is due on-line on Wednesday, September 9, 2015 at 9:00 AM CDT. Electronic Auction Services, Inc. (EASI) is a service provider contracted by the buyer to facilitate the bidding process with online. Bids will be accepted in an Electronic Bid Process on Wednesday, September 9, 2015 at 9:00 AM CDT, and all participating Suppliers must register at <http://ra.eauctionservices.com> to participate in the Electronic Sealed Bidding.
3. Specifications and procedures are available at the office of Eddie Jean Carr, Hinds County Chancery Clerk, Second Floor, 316 South President Street, Jackson, MS 39201 or by registering with Electronic Auction Services, Inc. (EASI) at <http://ra.eauctionservices.com> and printing a complete bid package.
4. Registered Suppliers will receive a formal invitation to the bid in the specified event via email and may receive other invitations to bid in future events as those opportunities arise. Suppliers who accept their formal invitation to bid will be contacted for training. This training usually requires approximately 15 minutes via phone with the person or persons who is registered with Electronic Auction Services, Inc. for placing bids online.
5. **SPECIFICATION RESPONSES: All suppliers must submit specification responses along with any exceptions or replacement/alternate items to the buyer's specifications, in writing Thursday, September 3, 2015 no later than 5:00 PM CDT.**
6. Specifications shall be enclosed in an envelope clearly labeled with your Company Name, HINDS COUNTY TERM BID CONTRACT FOR PUBLIC WORKS DEPARTMENT, Bid #09092015, as indicated in item #14 below. All Specification Proposal Sheets must be attached and included in the Specification Response Package. Specification submittals must indicate all exceptions to the specifications, as well as any option packages or pre-payment discounts. Any responses with pricing or received after the time specified will be rejected and not permitted to bid on the project. **DO NOT SUBMIT BID PRICING WITH YOUR SPECIFICATION RESPONSE PACKAGE.**
7. Sealed Specification Responses must be submitted in duplicate and will be due at the office of Eddie Jean Carr, Hinds County Chancery Clerk, Second Floor, 316 South President Street, Jackson, MS 39201 no later than Thursday, September 3, 2015 no later than 5:00 PM CDT. Any responses with pricing or received after the time specified will be rejected and not permitted to bid on the project. **DO NOT SUBMIT BID PRICING WITH YOUR SPECIFICATIONS PACKAGE.**
8. **MINORITY PARTICIPATION: IT IS THE INTENT OF HINDS COUNTY, MISSISSIPPI, in the interest of providing equal opportunity and participation to all segments of the community, to achieve a goal**

of minority participation in all activities and projects constructed or sponsored by Hinds County. In furtherance of this, thirty percent (30%) minority/minority business participation is required in connection with all services/commodities provided in connection with this activity/project. It is the intent of Hinds County that this participation be construed to mean that at least thirty percent (30%) of the services and or commodities provided in this project shall be provided by a minority business and that said minority business shall receive at least thirty percent of the compensation paid by Hinds County for the services/commodities rendered in connection with this activity/project.

Pursuant to State law, "minority business" is defined as a business, which is owned by a person who is a citizen or lawful permanent resident of the United States and who is:

- (i) African American: having origins in any of the black racial groups of Africa.
- (ii) Hispanic: of Mexican, Puerto Rican, Central or South American, or other Spanish or Portuguese culture or origin, regardless of race.
- (iii) Asian American: having origins in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent, or the Pacific Islands.
- (iv) American Indian or Alaskan Native: having origins in any of the original people of North America.

All persons/entities wishing to provide services/commodities to Hinds County shall submit a specific hand written statement describing their status and the manner in which they propose to comply with this provision with their Specification Response Package due on Thursday, September 3, 2015.

Failure to demonstrate compliance to the satisfaction of Hinds County shall result in a proposal being deemed non-responsive to the specifications required by Hinds County for the fulfillment of this activity/project.

Following the acceptance of a proposal for services/commodities, the successful candidate shall, within fifteen (15) days of such acceptance, substantiate compliance with these provisions by submitting a second written statement delineating the specific method(s) of compliance, including identities and areas of participation of minority participants.

The Hinds County Board of Supervisors shall have the authority and discretion to determine whether a proposal is responsive to this statement of intent.

**10. Laws and Regulations:** The bidder's attention is directed to the fact that all applicable State laws, Municipal ordinances, and the rules and regulations of all authorities having jurisdiction over the project shall apply to the Contract throughout, and they will be deemed to be included in the contract the same as though herein written out in full. If the agency is closed for any reason, including but not limited to: acts of God, strikes, lockouts, riots, acts of war, epidemics, governmental regulations superimposed after the fact, fire, earthquakes, floods, or other natural disasters (the "Force Majeure Events"), which closure prevents the opening of bids at the advertised date and time, all bids received shall be publicly opened and read aloud on the next business day that the agency shall be open and at the previously advertised time. The new date and time of the bid opening, as determined in accordance with this paragraph, shall not be advertised, and all Vendors/Contractors, upon submission of a bid proposal, shall be deemed to have knowledge of and shall have agreed to the provisions of this paragraph. Bids shall be received by the agency until the new date and time of the bid opening as set forth herein. The agency shall not be held responsible for the receipt of any bids for which the delivery was attempted and failed due to the closure of the agency as a result of a Force Majeure Event. Each Vendor/Contractor shall be required to ensure the delivery and receipt of its bid by the agency prior to the new date and time of the bid opening.

**11. BID CONFORMATION:** Any Electronic Bid and Specification Response package that fails to conform to the essential requirements of the specifications shall be rejected. In discretionary cases, the Hinds County Board of Supervisors shall be the determining factor in whether specifications are met. Electronic Bids must be for estimated quantities and as per plans and specifications or they will automatically be rejected. Each Specification Response package must be signed by an individual duly authorized to bind the bidder. Prices placed the day of the Electronic Bid Event, Wednesday, September 9, 2015 must include all material and labor, applicable permits and freight

according to the specifications of each Material Group required to complete the Term Contract in its entirety. All material must meet or exceed all specifications.

Do not submit any prices with your Specification Response Package and also for items not included in the specifications. It is the intention of the County to award this bid to the overall lowest and best bidder meeting specifications.

Hinds County is tax exempt and no taxes are to be included in the pricing numbers. Sales Tax and Federal Excise Tax are not to be included in the bid price.

The Hinds County Board of Supervisors reserves the right to reject any and all bids.

12. **BID PRICES:** The Hinds County Board of Supervisors, reserves the right to accept or reject any part or all of any bid submitted and waive any informalities therein, and to select the pricing system that is best suited for the County. All prices bid will be guaranteed delivered prices for the term of the contract.

13. Registered suppliers will receive a formal invitation to bid in the specified event via email and may receive other invitations to bid in future events as those opportunities arise.

Suppliers who accept their formal invitation to bid will be contacted for training. This training usually requires approximately 15 minutes via phone with the person or persons who will be placing bids online.

14. **SPECIFICATION RESPONSES:** All suppliers must submit specification responses along with any exceptions or replacement/alternate items to the buyer's specifications, in writing no later than Thursday, September 3, 2015, 5:00 PM CDT. The following enclosed, Hinds County Board of Supervisors documents shall be considered as a part of these specifications: All forms, including Specification Responses, exceptions shall be properly and completely executed and returned to the office of Eddie Jean Carr, Hinds County Chancery Clerk, Second Floor, Chancery Court Building, 316 South President Street, Jackson MS, 39201. Specification Responses shall be submitted in by:

Firm Name: \_\_\_\_\_ Bid #09092015  
Bidder: \_\_\_\_\_ Mailing Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
Name of person submitting Specification Response (Print or type): \_\_\_\_\_  
Signature of person submitting Specification Response: \_\_\_\_\_  
Date: \_\_\_\_\_, \_\_\_\_\_, 2015

**DO NOT SUBMIT BID PRICING WITH YOUR SPECIFICATION RESPONSE PACKAGE.**

15. **DELIVERY LOCATION:** It is understood that the Supplier agrees to deliver all items on which bids are accepted to the following locations through the term on the contract starting October 1, 2015 through September 30, 2016.

Hinds County Public Works Department

Central Lot 900 East Main Street Raymond, Mississippi 39154	North Maintenance District 1000 Frontage Road Bolton, Mississippi 39041
Southeast Maintenance District 4055 Volley Campbell Road Terry, Mississippi 39170	Southwest Maintenance District 328 Curtis Road Utica, Mississippi 39175

16. **ORDER FREQUENCY AND DELIVERY TIMES:** Each of the specifications has an estimated usage of each item. It is the responsibility of the awarded supplier to meet all delivery requirements requested by the Buyer. Failure to meet specified or requested delivery times requested by the buyer shall be grounds to terminate the contract with the Supplier at any time.

17. **SUPPLIER RESPONSIBILITY:** It is understood that items will be disqualified that do not meet the specification or the accepted equal. If a product is purchased and it is later determined that the

product fails to comply with these specifications and conditions, the item will be rejected and returned to the supplier at the supplier's expense. It is understood that in case of default by the supplier, the Hinds County Board of Supervisors may procure the articles or services from other sources and may deduct from any unpaid balance due the Supplier for the amount of the excess cost paid, and the price paid shall be considered the prevailing market price at the time such purchase is made. Continuous instances of default may result in cancellation of the contract.

18. All Suppliers are to submit with this Specification Response due on Thursday, September 3, 2015 by 5:00 PM CDT, and including the, all specifications, and any technical information of each item or any alternate item they intend to bid in this project along with their response.
19. CONTACT INFORMATION: Suppliers having any questions in regards to the specifications, delivery requirements or any item of this project, please contact the following.

Ms. Janice Taylor  
Hinds County Public Works  
900 East Main Street  
Raymond, MS 39154  
Ph: 601-857-8732  
[E-mail: jtaylor@co.hinds.ms.us](mailto:jtaylor@co.hinds.ms.us)

20. CONTACT INFORMATION ELECTRONIC AUCTION SERVICES, INC. (EASI): Suppliers having questions in regards to registration with EASI, printing bid packets online, specification response packages, training for bid process, please contact the following:

Frank Jackson, Agent  
Electronic Auction Services, Inc.  
Phone: 601-665-4084  
Cell: 769-798-6803  
Email: [fjackson@eauctionservices.com](mailto:fjackson@eauctionservices.com)

21. These Specifications are not intended to exclude any Manufacturer, Supplier, are intended only to establish acceptable standards, and are not intended to limit the bidding.
22. Hinds County Vendor Application: All vendors that are not registered with Hinds County as an approved Vendor must complete the Vendor Application located in the bid package at <http://ra.eauctionservices.com> and return it with your specification responses due on Thursday, September 3, 2015 no later than 5:00 PM CDT.
23. CONTRACT: Each Group will be awarded on the lowest and best-valued price submitted by the Suppliers with an alternate for each group. The term of the Contract will be from October 1, 2015 thru September 30, 2016. Suppliers must include in the Specification Response. If Supplier is going to supply an alternate, they must submit the alternate by line item in writing with Specification Responses, along with all the requirements as stated in items listed below in pages # 5 - 35.
24. All Suppliers must conform to the Federal Safety Requirements in addition to the grades and quantities listed below. Usage amounts are estimated on the previous year usage and estimated for the term of the contract for the period from October 1, 2015 and ending September 30, 2016. If amount exceeds any of the estimated usage, the same price will apply through the term of contract.
25. All items must exceed or match specifications listed below in each product and must be comparable with or equivalent to the specifications issued by the Hinds County Public Works Department. Any alternates for each product and will be considered with other considerations of the bid.
26. All Materials are to be delivered to Hinds County Public Works Department as stated in each group of items listed in the specifications and will include all freight to each location unless specified to be delivered to project site and specified in the individual product specifications. All freight charges are included in the bid price. All prices bid will be guaranteed delivered prices except Sales and Federal Excise Taxes.

27. All items have an estimated usage based on previous years usage and shall be priced individually based on the usage numbers indicated below. This usage number is an estimated number and not guaranteed, or considered high or low with the estimated numbers. In the event the usage may increase or decrease the final bid price established from the awarded bid price will remain throughout the term of this contract.

28. The following is the list of Items and groups in this package for all suppliers to respond:

- |  |               |
|--|---------------|
| A. Non Collusion Affidavit (Must be signed and Notarized):                             | Page #6       |
| B. Asphalt Milling & Hotmix Asphalt  | Page #7-18    |
| C. Group C: Asphalt Cement and Emulsified Asphalt:                                     | Page #19      |
| D. Group D: Clay Gravel / Crushed Limestone Seal<br>Sizes #7,#8, and #89 Rip Rap       | Pages #20-24  |
| E. Group E: Traffic Paint & Glass Beads  | Pages #25-26  |
| F. Group F: Polymeric Coated, Aluminized Steel,<br>Polyethylene Culverts and Couplings | Pages # 27-35 |

See Next Page

**AFFIDAVIT**

**(TO BE EXECUTED IN DUPLICATE)**

STATE OF MISSISSIPPI  
COUNTY OF \_\_\_\_\_

I, \_\_\_\_\_  
(Name of person signing affidavit)

Individually, and in my capacity as \_\_\_\_\_  
(Title)

of \_\_\_\_\_ being duly sworn, on oath do depose and say as follows:  
(Name of firm, partnership or corp.)

- (a) That \_\_\_\_\_, Bidder on TERM BID CONTRACTS ON TERM BID CONTRACT BID #09092015 FOR ALL ASPHALT PRODUCTS, MILLING, HOT PLANT MIX, ASPHALT IN PLACE, LIQUID ASPHALT, CORRUGATED POLYMERIC PIPE & COUPLINGS, CRUSHED LIMESTONE, RIP-RAP, SAND & GRAVEL, TRAFFIC PAINT AND GLASS BEADS FOR HINDS COUNTY PUBLIC WORKS DEPARTMENT FOR THE PERIOD OF OCTOBER 1, 2015 THROUGH SEPTEMBER 30, 2016 has not either directly or indirectly entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this contract; nor have any of its officers, partners, employees or principal owners.
  
- (b) Further, that neither said legal entity nor any of its directors, officers, partners, principal owners or managerial employees are currently debarred from bidding on public contracts by the State of Mississippi or any of its agencies; or by one or more of the other states or any of their agencies; or by any Federal agency.

Signature \_\_\_\_\_

Title \_\_\_\_\_

(SEAL)  
Sworn before me this \_\_\_\_ day of \_\_\_\_\_, 2015

\_\_\_\_\_  
Notary Public

My commission expires \_\_\_\_\_

**NOTE: FAILURE TO PROPERLY SIGN AND NOTARIZE THIS AFFIDAVIT WILL DISQUALIFY THE BID.**

**AFFIDAVIT**

**DETAILED SPECIFICATION SHEET FOR  
ASPHALT MILLING, THROUGHOUT  
HINDS COUNTY  
BOARD OF SUPERVISORS  
HINDS COUNTY, MISSISSIPPI**

**Gentlemen:**

Pursuant to your advertisement, for Term Bids #09092015, **ASPHALT MILLING THROUGHOUT HINDS COUNTY for the term of October 1, 2015 - September 30, 2016 we submit the following response.**

\_\_\_\_\_ located at  
(NAME OF VENDOR)

\_\_\_\_\_ do hereby submit our proposal for furnishing, as ordered by the County, in accordance with the specifications listed below, ASPHALT MILLING THROUGHOUT HINDS COUNTY beginning October 1, 2015 and ending September 30, 2016 and/or until a new contract is accepted.

**General I:**

1. All bidders must be licensed and bonded to work in Hinds County, MS. In addition, shall submit a copy of their license along with these documents.
2. All bidders must carry appropriate insurance (worker's compensation liability, etc.) to "SAVE HARMLESS" Hinds County.
3. Approved Supplier will be responsible for obtaining any and all necessary permits.
4. The County reserves the right to request a performance bond at the time of the award.
5. It is the intent of this request to reach Vendors normally in the asphalt milling business.
6. The County reserves the right to request a list of job references and current contracts.
7. All bidders shall include type of proposed equipment to be used if awarded the bid.
8. The scope of work shall consist of all equipment, labor, materials, tools, and needed to remove asphalt paving of various thicknesses in accordance to site requirements at various locations throughout Hinds County, as directed by the Infrastructure Manager or his designated representative.
9. Individual Purchase Orders will be issued for each area of asphalt to be removed.
10. Work on each purchase order shall begin within five (5) working days after issuance, of the purchase order unless an extension is granted by the Infrastructure Manager.
11. The bidder shall be required to maintain traffic control on the portion of the Hinds County Road system that is involved in the milling operations. Including flagman, flashing directional signals, traffic barricades, personnel, and traffic safety devices necessary to provide for the safety of the workers, the public, and the protections of the incomplete pavement milling until such time as that portion of the roadway may be released to the normal flow of traffic.
12. Bidder shall keep the milled material. Milled material will be transported to no more than two (2) separate dumpsites (locations to be included in bid proposal).

**PROCESSION OF THE WORK:**

1. The Hinds County Road Department, under the direction of the Board of Supervisors, shall determine what roads shall receive asphalt milling, and in what manner the milling shall proceed.
2. The Road Department, in conjunction with the Contractor shall determine the sequence of operations and schedule the work.
3. The Contractor will be responsible for removing millings from the worksite as directed and approved by the County Engineer.
4. The Engineering Department will inspect the work and make all determinations regarding the control of the work.

**Method of Measurement:**

1. Pavement removed under this Bid will be measured for payment by the total number of square yards removed.
2. Price per square yard is to be based upon a minimum of \_\_\_\_\_ for each work site.

**PRICE TO BE BID FOR PAVEMENT REMOVED PER SQUARE YARD WITH VARIOUS THICKNESSES:**

PRODUCT TYPE	DO NOT SUBMIT PRICING	YES OR NO
ASPHALT MILLING, THROUGHOUT HINDS COUNTY	PRICE PER SQUARE YARD	

**General II:**

1. The County reserves the right to cancel contract to purchase at any time for justifiable cause. Further, contract to purchase may be canceled for cause by either party upon thirty (30) days written notice.
2. **Bids will only be accepted by bidding in this Electronic Sealed Bidding Event that has a date and time of Wednesday, September 9, 2015 starting, at 9:00 AM CDT.** Bids will only be accepted in an Electronic Bid Process hosted by EASI, and the Supplier must register at <http://ra.eauctionservices.com> to participate in this Electronic Sealed Bidding Process.

**I CERTIFY THAT THE SERVICES OR MATERIALS OFFERED IN ASPHALT MILLING THROUGHOUT HINDS COUNTY MEET OR EXCEED THE CURRENT MS STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES**

DATE: \_\_\_\_\_

VENDOR: \_\_\_\_\_

SIGNED BY (Name and Title) \_\_\_\_\_

ADDRESS: \_\_\_\_\_

TELEPHONE: \_\_\_\_\_ FAX: \_\_\_\_\_

CONTRACTOR'S LICENSE NUMBER: \_\_\_\_\_

**DETAILED SPECIFICATION SHEET FOR  
HOT BITUMINOUS PLANT MIXES, PICK UP AT PLANT AND IN PLACE (FOR APPLICATION ON PREVIOUSLY  
PREPARED BASE COURSE AND FOR OVERLAYING EXISTING PAVEMENT)  
TO HINDS COUNTY BOARD OF SUPERVISORS  
HINDS COUNTY, MISSISSIPPI**

Gentlemen:

Pursuant to your advertisement, for Term Bids #09092015, **HOT BITUMINOUS PLANT MIXES , PICK UP AT PLANT AND IN PLACE (FOR APPLICATION ON PREVIOUSLY PREPARED BASE COURSE AND FOR OVERLAYING EXISTING PAVEMENT)** for the term of **October 1, 2015 – September 30, 2016** we submit the following response.

\_\_\_\_\_ located at

(NAME OF VENDOR)

\_\_\_\_\_ do hereby submit this proposal for furnishing, as ordered by the County, as set out below, **HOT BITUMINOUS PLANT MIXES PICK UP AT PLANT AND IN PLACE** for a period beginning October 1, 2015 and ending September 30, 2016 and/or until a new contract is accepted.

**SECTION I DESCRIPTION:**

**Hot Bituminous Pavement, (ASPHALT IN PLACE) for application on previously prepared base course and overlay**

PRODUCT TYPE	DO NOT SUBMIT PRICING	YES OR NO
SURFACE MIX SC-1 TY-2 (II) ASPHALT IN PLACE, ANY LOCATION HINDS COUNTY	PRICE PER TON	
SURFACE MIX SC-1 TY-8 (VIII) ASPHALT IN PLACE, ANY LOCATION HINDS COUNTY	PRICE PER TON	
BASE COURSE, ST MIX ASPHALT IN PLACE ANY LOCATION HINDS COUNTY 12.5 MM	PRICE PER TON	
BASE COURSE, ST MIX ASPHALT IN PLACE ANY LOCATION HINDS COUNTY 19 MM	PRICE PER TON	
BINDER BASE ASPHALT IN PLACE, ANY LOCATION HINDS COUNTY 12.5 MM	PRICE PER TON	
TACK COAT IN PLACE, ANY LOCATION HINDS COUNTY	Price Per Gallon	

- 1) This work shall consist of all labor, materials, equipment and incidentals needed to construct bituminous surface courses in accordance with these specifications to include driveways, roads, parking areas or other projects at various locations throughout Hinds County, as Directed by the Road Manager or his designated representative.
- 2) Individual Purchase Orders will be issued for each section of paving. Work on each Purchase Order shall begin within five (5) working days after issuance, unless an extension is granted by the Road Manager.
- 3) Should the amount of work requested exceed the capacity of one work crew, additional crews shall be added to accommodate the requirements of the owner. A maximum of seven (7) days notice will be given to schedule and mobilized additional crews to meet the demand. Failure to comply with this requirement may be reason to terminate the contract.
- 4) It is understood that it shall be the contractor’s responsibility for traffic control at work sites.
- 5) It shall be the contractor’s responsibility for quality control, testing asphalt to verify material meets specifications, providing the County with test reports and provide the County and or their

**designated testing company with corresponding samples of asphalt for random sampling to a private laboratory. Approved supplier shall be responsible for all costs associated with testing of the mix design. If Hinds County selects to have an independent test performed, the County shall be responsible for said costs.**

- 6) Tickets from certified scales shall be issued for each load from bidder's plant. Scale tickets shall be signed by a representative of the Hinds County Road or Engineering Departments.
- 7) It is understood that paving construction orders include water sprinkling as required.
- 8) Hot Bituminous pavement mixes, SC-1, shall be mixed in accordance with Section 901-S-401, Section UTAP 411, MISSISSIPPI STANDARD SPECIFICATIONS FOR STATE AID ROAD AND BRIDGE CONSTRUCTION, 2004 or current edition as follows.
  - A. Plant mix pavements General Section 401
  - B. ST 19 mm Base Course Section 401
  - C. ST 12.5 mm Binder Course Section 401
  - D. ST 9.5 mm Surface Course Section 401
  - E. ST 4.75 mm Surface Course Section 401
  - F. Ultra-Thin Asphalt Pavement (UTAP) Section 411
  - G. Tack coat Section 407
  - H. Tack Coat – Emulsified asphalt shall meet Section S-707.07, meeting requirements of Section 702, State Aid Standard Specifications, 2004 edition.
  - I. Hot Bituminous Pavement – Conform to Special Provision 901-S-402-2, State Aid Standard Specifications, 2004 edition except that the Petroleum Asphalt Cement used in all mixtures shall be Grade PG 67-22 or equal.
  - J. All hot bituminous mixtures shall conform to the requirements set out in subsection S-703.06, State Aid Standard Specifications, 2004 edition for a SC-1 mix using tables found in Special Provision 901-S-401.

**Sections 1 through 7 will be referred to as HMA throughout the rest of this section.**

- 9) The term "course" used in the Section shall be understood to mean a layer of specified thickness shown on the plans and for which quantities are estimated on the plans and in the proposal as the basis for bidding. A course may, in some cases consist of a single layer, and in other cases, may consist of two or more layers depending on the finished thickness specified.
- 10) **Quality Assurance Testing will be provided by the Supplier to insure all testing frequency and sampling is in accordance with these specifications. Approved supplier shall submit a design mix for testing prior to the beginning of any work or as instructed by the County's Infrastructure Manager, County Engineer or their designated representative. Approved supplier shall be responsible for all costs associated with the testing of the asphalt mix and to provide Hinds County with a copy of the test report. Hinds County reserves the right not to make payment for asphalt until said test reports have been provided and results verify the material meets specifications.**

## **SECTION II HMA COURSE:**

- 1) General: Where indicated on the Drawings this work shall consist of the construction of an HMA course in one or more layers composed of mineral aggregates mixed in a central mixing plant with bituminous materials in the proportions specified and placed hot. The HMA course shall be constructed on a prepared sub grade foundation or existing HMA course in accordance with these specifications and in close conformity with the thickness, lines, grades, and sections as shown on the plans.
- 2) The HMA course shall comply with Section 401 and/ or 411, Hot Mix Asphalt (HMA) - General, of the Mississippi Standard Specifications for Road and Bridge Construction, 2004 Edition.

- 3) The Contractor shall have his testing lab furnish to the Engineer a job mix formula for the project for approval before placing any material. The job mix formula shall have design data included proving that the design criteria can be met.
- 4) The job mix formula shall be set within the master range as indicated below. The job mix formula shall be maintained within the job mix tolerance and shall not exceed the limits of range.
  - A. The job mix formula as approved as tentative until a sufficient amount of the mixture has been processed through the plant, spread, and compacted.
  - B. After the job mix formula is approved, the mixture furnished to the project shall remain unchanged, within the tolerances specified for the mixture, throughout the duration of the job. No change in properties or proportions of any ingredient of the mix shall be made without written permission of the Engineer.
- 5) Coarse Aggregate Blend. Mechanically fractured faces by weight of the combined mineral aggregate coarser than the No 4 sieve see Table 1.

<b>TABLE 1</b>	
<b>Mixture</b>	<b>PERCENT FRACTURED FACES, MINIMUM</b>
<b>25 mm</b>	<b>70 (one face)</b>
<b>19 mm*</b>	<b>80 (one face)</b>
<b>12.5 mm</b>	<b>90 (two face)</b>
<b>9.5 mm</b>	<b>90 (two face)</b>
<b>4.75 mm</b>	<b>90 (two-face)</b>

- 6) Fine Aggregate Blend. Of all the material passing the No. 8 sieve and retained on the No. 200 sieve, not more than 60 percent shall pass the No. 30 sieve.
- 7) Uncrushed natural sand shall pass the 3/8" sieve and may be used excluding the content in RAP, in the percentages of the total mineral aggregate by weight set out in Table 2.

<b>TABLE #2</b>			
<b>Mixture</b>	<b>Maximum Percentage of Natural Sand by Total Weight of Mineral Aggregate</b>		
	<b>HT</b>	<b>MT</b>	<b>ST</b>
<b>25 mm</b>	<b>10</b>	<b>10</b>	<b>20</b>
<b>19 mm</b>	<b>10</b>	<b>10</b>	<b>20</b>
<b>12.5 mm</b>	<b>10</b>	<b>10</b>	<b>20</b>
<b>9.5 mm</b>	<b>10</b>	<b>10</b>	<b>10</b>
<b>4.75 mm</b>	<b>25</b>	<b>30</b>	<b>35</b>

- 8) The gradation of the mixture shall meet the following Design Master range requirements listed in Table 3 on next page #12.

**See Table #3 Next Page**

**Design Master Range Table # 3**

<b>Mixture:</b>	<b>25 mm</b>	<b>19 mm</b>	<b>12.5 mm</b>	<b>9.5 mm</b>	<b>4.75 mm</b>
<b>Nominal Maximum Sieve Size:</b>	<b>1 inch</b>	<b>3/4 inch</b>	<b>1/2 inch</b>	<b>3/8 inch</b>	<b>1/4 inch</b>
<b>Sieve Size</b>	<b>Percent Passing</b>				
<b>1-1/2 inch</b>	<b>100</b>				
<b>1 inch</b>	<b>90-100</b>	<b>100</b>			
<b>3/4 inch</b>	<b>89 max.</b>	<b>90-100</b>	<b>100</b>		
<b>1/2 inch</b>	<b>-</b>	<b>89 max.</b>	<b>90-100</b>	<b>100</b>	<b>100</b>
<b>3/8 inch</b>	<b>-</b>	<b>-</b>	<b>89 max.</b>	<b>90-100</b>	<b>95-100</b>
<b>No. 4</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>89 max.</b>	<b>90-100</b>
<b>No. 8</b>	<b>16-50</b>	<b>18-55</b>	<b>20-60</b>	<b>22-70</b>	<b>-</b>
<b>No. 16</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>30-60</b>
<b>No. 200</b>	<b>4.0-9.0</b>	<b>4.0-9.0</b>	<b>4.0-9.0</b>	<b>4.0-9.0</b>	<b>6.0-12.0</b>

- 9) Bituminous Materials shall be petroleum asphalt cement grade PG 67-22, unless otherwise specified and meet the applicable requirements of Section 702 for the grade specified.
- 10) Aggregate sources shall meet the applicable requirements of Section 703.
- 11) Hydrated Lime shall meet the requirements of Subsection 714.03.2 of the Mississippi Standard Specifications for Road and Bridge Construction, 2004 Edition.
- 12) Mineral Filler shall meet requirements of Section 703.16 of the Mississippi Standard Specifications for Road and Bridge Construction, 2004 Edition. Mineral Filler may be used as necessary to obtain desired properties; however, excessive use shall not be permitted in the mix.
- 13) Weather Limitations: The mixture shall not be placed when the weather conditions prevent the proper handling and finishing or the surface on which it is to be placed is wet or frozen. At the time of placement, the air and pavement surface temperature limitations shall be equal to or exceed that specified in the Table 2. When paving operations are discontinued because of rain, the mixture in transit shall be protected until the rain ceases. The surface on which the mixture is to be placed shall be swept to remove as much moisture as possible and the mixture may then be placed subject to removal and replacement at the Contractor's expense if contract requirements are not met.

<b>TABLE # 4</b>	
<b>TEMPERATURE LIMITATIONS</b>	
<b>Compacted Thickness</b>	<b>Temperature</b>
<b>Less than 1 1/2 inches</b>	<b>55 ° F</b>
<b>1 1/2 inches to 2 inches</b>	<b>50 ° F</b>
<b>2 1/4 inches to 3 inches</b>	<b>45 ° F</b>
<b>Greater than 3 inches</b>	<b>40 ° F</b>

- 14) Density: The density requirement for each completed lift on a lot to lot basis from density tests performed shall not be less than 92.0 percent nor more than 96.0 percent of the maximum density based on AASHTO T-209. When borderline results are obtained on density tests, it shall be the Contractor's responsibility to furnish and use the appropriate number, type, and size of rollers as necessary to consistently obtain the required density. When the furnished compactive effort does not

produce the required density, The Contractor shall make such approved adjustments as necessary to obtain the required density. Pavement samples obtained for determining density and/or correlation of the nuclear density gauge which have a thickness less than two times the maximum size aggregate permitted by the job-mix formula will not be used as a representative sample

- 15) Smoothness Tolerance shall conform to the designated grade and cross section within the tolerances set forth in Section 401.03.2 page number section 4-7 of the Mississippi Standard Specifications for Road and Bridge Construction, 2004 edition.

### **SECTION III Pre-Rolling:**

Before application of base course, the sub-base shall be pre-rolled as may be required to determine possible presence of underlying soil failures.

### **SECTION IV TACK COAT (Required Full Width):**

- 1) General: This work shall consist of preparing and treating an existing bituminous or concrete surface with bituminous material in accordance with these specifications and in close conformity with the lines shown on the plans or established by the Engineer. A tack coat shall be applied, for the full width of the course to be superimposed on a previously prepared, bonded, and bituminized road surface, or base, or concrete surface, or base. The tack coat may be omitted from a previously primed road when deemed by the Engineer to be unnecessary.
- 2) Tack coat is to be applied between each lift and course of asphalt pavement unless otherwise specified by the Engineer.
- 3) Tack coat shall be applied per the specifications listed in Section 407 of the Mississippi Standard Specifications for Road and Bridge Construction, 2004 Edition.
- 4) Separate Payment for tack coat shall be made. Tack coat will be paid for at the contract unit price per gallon, which price shall be full compensation for completing the work.

### **SECTION V CONSTRUCTION:**

- 1) Construction of asphalt pavements shall be in accordance with Paragraphs 401.03.3 through 403.03.13 of the Mississippi Standard Specifications for Road and Bridge Construction, 2004 Edition.
- 2) JOINTS: The formation of all joints shall be made in such a manner as to ensure a continuous bond between the courses and obtain the required density. All joints shall have the same texture as other sections of the course and meet the requirements for smoothness and grade.
- 3) The roller shall not pass over the unprotected end of the freshly laid mixture except when necessary to form a transverse joint. When necessary to form a transverse joint, it shall be made by means of placing a bulkhead or by tapering the course. The tampered edge shall be cut to its full depth and width on a straight line to expose a vertical face before placement of the adjacent lane. In both methods, all contact surfaces shall be given a tack coat of bituminous material before placing any fresh mixture against the joint.
- 4) Longitudinal joints which are irregular, damaged, uncompacted, or otherwise defective shall be cut back to expose a clean, sound surface for the full depth of the course. All contact surfaces shall be given a tack coat of bituminous material before placement of any fresh mixture against the joint.
- 5) Paving shall conform to the requirements of Special Provision 901-S-401.1 of the State Aid Standard Specifications, 2004 edition, except that the minimum density required shall be 92 percent, and 403.04 State Aid Standard Specifications, 2004 edition except that Subsection 403.03.5 is not applicable to this project.
- 6) The contractor shall remove all dirt and debris from the existing pavement surface prior to tacking and paving the road. Broom sweeping may be necessary as directed by the Road Manager or his designated representative.
- 7) Hinds County reserves the right to require additional testing on asphalt in place. If Hinds County requires such additional testing, final payment will not be made until core samples

have been obtained, tested by the County's contracted laboratory, and said tests results are verified as meeting specifications. All costs associated with core sampling testing services shall be paid by Hinds County.

- 8) Asphalt placing operations shall not be commenced unless the outside air temperature in the shade is 50 degrees and rising. This requirement may be waived at the discretion of the Road Department.

**SECTION VI GENERAL:**

**1) Composition of Mixtures:**

A. Unless otherwise specified or permitted, the HMA shall consist of a uniform mixture of asphalt, aggregate, hydrated lime, and when required necessary to obtain desired properties, anti-stripping agent and/or other materials.

The total amount of crushed limestone aggregate for mixtures, excluding 4.75 mm and UTAP mixtures, when used in the top lift, shall not exceed 50 percent of the total combined aggregate by weight.

Hydrated lime shall be used in all HMA at the rate of one percent (1%) by weight of the total dry aggregate including aggregate in RAP, if used. The aggregate, prior to the addition of the hydrated lime, shall contain sufficient surface moisture. If necessary, the Contractor shall add moisture to the aggregate according to the procedures set out in Subsection 401.03.2.1.2 of the Mississippi Standard Specifications for Road and Bridge Construction, 2004 Edition.

The Contractor shall obtain a shipping ticket for each shipment of hydrated lime. The Contractor shall provide the Engineer with a copy of each shipping ticket from the supplier, including the date, time and weight of hydrated lime shipped and used in hot mix asphalt production. An amount equal to twenty-five percent (25%) of the total value of HMA items performed during the initial estimate period in which the Contractor fails to submit the hydrated lime shipping tickets to the Engineer will be withheld from the Contractor's earned work. Non-conformance with this specification for successive estimate period(s) will result in the total value (100%) of HMA items performed during this period(s) being withheld from the Contractor's earned work. Monies withheld for this non-conformance will be released for payment on the next monthly estimate following the date the submittal of hydrated lime shipping tickets to the Engineer is brought back into compliance with this specification.

Mixtures will require the addition of an anti-stripping agent when the Tensile Strength Ratio (MT-63) and/or Boiling Water Test (MT-59) fail to meet the following criteria listed in Table 5.

<b>TABLE # 5</b>	
<b>Tensile Strength Ratio (TSR - MT-63)</b>	
<b>Wet Strength / Dry Strength</b>	<b>85 Percent minimum</b>
<b>Interior Face Coating</b>	<b>95 Percent minimum</b>
<b>Boiling Water Test (MT-59)</b>	
<b>Particale Coating</b>	<b>95 Percent minimum</b>

Reclaimed asphalt pavement (RAP) materials may be used in the production of HMA in the percentages of the total mix by weight set out in the Table 3.

During HMA production, RAP shall be separated into coarse and fine aggregate stockpiles using 'A" sieve as the break point.

Crushed reclaimed concrete pavement may be used as an aggregate component of all HMA pavements. When crushed reclaimed concrete pavement is used as an aggregate component, controls shall be implemented to prevent segregation. Crushed reclaimed concrete pavement aggregate shall be separated into coarse and fine aggregate stockpiles using the 3/8" or 1/2" sieve as a break point unless otherwise approved by the Engineer in writing.

## 2) Personnel Requirements and Testing Requirements.

- A. The Contractor shall provide at least one Certified Asphalt Technician-I (CAT-I) full-time during HMA production at each plant site used to furnish material to the project. Sampling shall be conducted by a certified technician or by plant personnel under the direct observation of a certified technician. All testing, data analysis and data posting will be performed by the CAT-I or by an assistant under the direct supervision of the CAT-I. The Contractor shall have a Certified Asphalt Technician-II (CAT-II) available to make any necessary process adjustments. Technician certification shall be in accordance with MDOT SOP TMD-22-10-00-000, MDOT HMA Technician Certification Program. An organizational chart, including names, telephone numbers and current certification, of all those responsible for the quality control program shall be posted in the Contractor's laboratory while the asphaltic paving work is in progress.
- B. As a minimum, the Contractor's quality management program shall include the following:
1. Mechanically Fractured Face. Determine mechanically fractured face content of aggregates retained on the No. 4 sieve, at a minimum of one test per day of production.
  2. Mixture Gradation. Conduct extraction tests for gradation determination on the mixture. Sample according to the frequency in paragraph (8) and test according to Mississippi Test Method MT-31.
  3. Total Voids and VMA. Determine total voids and voids in mineral aggregate (VMA), at N Design, from the results of bulk specific gravity tests on laboratory compacted specimens. Sample according to the sampling frequency in paragraph (8) and test according to the latest edition of MDOT's Field Manual for HMA.
  4. Asphalt Content. Sample according to the sampling frequency in paragraph (8). Determine the asphalt content using one of the following procedures.
    - (A) Nuclear gauge per Mississippi Test Method MT-6
    - (B) Incinerator oven per AASHTO T 308, Method A.
  5. Stripping Tests. Conduct a minimum of one stripping test at the beginning of each job-mix production and thereafter, at least once per each two weeks of production according to Mississippi Test Method MT-63 and one stripping test per day of production according to Mississippi Test Method MT-59. Should either the TSR (MT-63) or the boiling water (MT-59) stripping test fail, a new anti-strip additive or rate shall be established or other changes made immediately that will result in a mixture which conforms to the specifications; otherwise, production shall be suspended until corrections are made.
  6. Density Test. For 19 mm, 12.5 mm and 9.5 mm mixtures, conduct density tests as necessary to control and maintain required compaction according to Mississippi Test Method MT -16, Method C (nuclear gauge), or AASHTO T-166. Note — The nuclear gauge may be correlated, at the Contractor's option, with the average of a minimum of five pavement sample densities. For 4.75 mm mixtures, conduct density tests as necessary to control and maintain required compaction according to AASHTO T-166. For UTAP shall be roll to refusal. Refusal is defined as the number of roller passes to maximize the in-place unit weight of the mixture. On the first day of production and every three production days thereafter, a 500-foot test strip shall be evaluated to determine the required number of roller passes. Three random sites within the test strip shall be selected and monitored with the nuclear density gauge to determine refusal.
  7. Quality Control Charts. Plot the individual test data, the average of the last four tests and the control limits for the following items as a minimum:

**Mixture Gradation (Percent Passing) Sieves:  
1/2 —in, 3/8-in, No. 8, No. 16, No. 30 and No. 200  
Asphalt Content, Percent  
Maximum Specific Gravity, Gmm  
Total Voids @ NDesign, Percent  
VMA @ N Design, Percent**

**NOTE:** For 4.75 mm mixtures, Quality control Charts for mixture gradation are not required on the No. 8 and No. 30 sieves. For 4.75 mm mixtures, as a minimum, Quality control Charts for mixture gradation shall be kept on the 3/8-in, No. 16 and No. 200 sieves. For all mixtures other 4.75 mm, Quality Control Charts for mixture gradation are not required on the No.16 sieve.

Keep charts up-to-date. Charts may be kept on a computer; however, charts shall be printed out when requested by the Engineer, Hinds County Road Manager or the Engineer's Testing Lab. Note any process changes or adjustments on the Air Voids chart.

8. Sampling Frequency. Conduct those tests as required above at the following frequency for each mixture produced based on the estimated plant tonnage at the beginning of the day. These frequencies are for 19 mm, 12.5 mm, 9.5 mm, and 4.75 mm.

Total Estimated Production, tons	Number of Tests
50 - 800	1
801 - 1700	2
1701- 2700	3
2701 +	4

**Sampling Frequency for UTAP**

Total Estimated Production, tons	Number of Tests
0 - 500	1
501 - 1000	2
1001 - 1500	3
1501 - 2000	4
2001 +	5

Additional information can be found in the Mississippi Standard Specifications for Road and Bridge Construction, 2004 Edition. Section 401 — Hot Mix Asphalt (HMA) — General, Section 403 — Hot Mix Asphalt Pavement, Section 407 — Tack Coat, Special Provision No. 907-411-1 — Ultra —Thin Asphalt Pavement (UTAP), Section 700 — Materials and Tests, Section 702 — Bituminous Materials, Section 703 — Aggregates.

The Hinds County Infrastructure Manager shall witness and review the Contractor's lab technician's paper work and testing procedures for Quality Assurance.

**SECTION VII**

**HOT BITUMINOUS PLANT MIXES PICK UP AT PLANT for a period beginning October 1, 2015 and ending September 30, 2016 and/or until a new contract is accepted.**

- 1) Hot Bituminous pavement mixes, SC-1, shall be mixed in accordance with Section 901-S-401, Section UTAP 411, MISSISSIPPI STANDARD SPECIFICATIONS FOR STATE AID ROAD AND BRIDGE CONSTRUCTION, 2004 or current edition as follows.
  - A. Plant mix pavements General Section 401
  - B. ST 19 mm Base Course Section 401
  - C. ST 12.5 mm Binder Course Section 401
  - D. ST 9.5 mm Surface Course Section 401

- E. ST 4.75 mm Surface Course Section 401
- F. Ultra-Thin Asphalt Pavement (UTAP) Section 411
- G. Tack coat Section 407

- 2) Hot Bituminous Pavement – Conform to Special Provision 901-S-402-2, State Aid Standard Specifications, 2004 edition except that the Petroleum Asphalt Cement used in all mixtures shall be Grade PG 67-22 or equal.
- 3) All hot bituminous mixtures shall conform to the requirements set out in subsection S-703.06, State Aid Standard Specifications, 2004 edition for a SC-1 mix using tables found in Special Provision 901-S-401.
- 4) Hot Bituminous pavement mixes, SC-1, shall be mixed in accordance with Section 901-S-401.2, a MISSISSIPPI STANDARD SPECIFICATIONS FOR STATE AID ROAD AND BRIDGE CONSTRUCTION, 2004 or current edition.
- 5) Approved supplier shall submit a design mix for testing prior to the beginning of any work or as instructed by the County’s Infrastructure Manager, County Engineer or their designated representative. Approved supplier shall be responsible for all costs associated with the testing of the asphalt mix and to provide Hinds County with a copy of the test report.
- 6) Hinds County reserves the right not to make payment for asphalt until said test reports have been provided and results verify the material meets specifications.
- 7) The following is for the Supplier to complete and answer all specifications and complete submit any alternate products only. Do not submit any prices in this document or you will be disqualified. All bids will be submitted by an Electronic Bid as stated in the above documents.

**SC-1 HOT BITUMINOUS PLANT MIXES F.O.B.**  
**LOADED ON COUNTY TRUCKS**

<b><u>PRODUCT TYPE</u></b>	<b><u>DO NOT SUBMIT PRICING</u></b>	<b><u>YES OR NO</u></b>
<b>SURFACE MIX SC-1 TY-2 (II) ASPHALT - LOADED ON COUNTY TRUCKS</b>	<b>PRICE PER TON</b>	
<b>SURFACE MIX SC-1 TY-8 (VIII) ASPHALT LOADED ON COUNTY TRUCKS</b>	<b>PRICE PER TON</b>	
<b>BASE COURSE, ST MIX ASPHALT, LOADED ON COUNTY TRUCKS 12.5 MM</b>	<b>PRICE PER TON</b>	
<b>BASE COURSE, ST MIX ASPHALT, LOADED ON COUNTY TRUCKS 19. MM</b>	<b>PRICE PER TON</b>	
<b>BINDER BASE ASPHALT, ST MIX, LOADED ON COUNTY TRUCKS 12.5 MM</b>	<b>PRICE PER TON</b>	
<b><u>TACK COAT- LOADED ON COUNTY TRUCKS</u></b>	<b>Price Per Gallon</b>	

- 9) The County reserves the right to place an inspector at each plant providing asphalt to the County, loaded on County Trucks from the Suppliers Plant.
- 10) The County reserves the right to cancel contract to purchase at any time for justifiable cause. Further, contract to purchase may be canceled for cause by either party upon thirty (30) days written notice.
- 11) **NOTICE TO BIDDERS:** NO BIDS SHALL BE SUBMITTED ON THIS FORM AND ALL SPECIFICATION RESPONSES MUST BE SUBMITTED AS STATED IN ITEM #14 ON PAGE # (3) THREE. THEY SHALL BE SUBMITTED IN A SEALED ENVELOPE MARKED “**HOT BITUMINOUS PLANT MIXES , PICK UP AT PLANT AND IN PLACE (FOR APPLICATION ON PREVIOUSLY PREPARED BASE COURSE AND FOR**

**OVERLAYING EXISTING PAVEMENT)** Specification Responses must be submitted in Duplicate and will be due at the office of **Eddie Jean Carr, Hinds County Chancery Clerk, Second Floor, Chancery Court Building, 316 South President Street, Jackson MS, 39201. Specification Responses shall be submitted in by no later than Thursday, September 3, 2015, 5:00 PM CDT.** Any responses with pricing or received after the time specified will be rejected and not permitted to bid on the project. **DO NOT SUBMIT BID PRICING WITH YOUR SPECIFICATION RESPONSE PACKAGE.**

**12) Bids will only be accepted by bidding in this Electronic Sealed Bidding Event that has a date and time of Wednesday, September 9, 2015 starting, at 9:00 AM CDT. Bids will be accepted in an Electronic Bid Process hosted by EASI and the Supplier must register at <http://ra.eauctionservices.com> to participate in this Electronic Sealed Bidding Process.**

**I CERTIFY THE MATERIAL AND SERVICES OFFERED GROUP HOT BITUMINOUS PLANT MIXES , PICK UP AT PLANT AND IN PLACE (FOR APPLICATION ON PREVIOUSLY PREPARED BASE COURSE AND FOR OVERLAYING EXISTING PAVEMENT MEETS OR EXCEEDS THE FOREGOING SPECIFICATIONS.**

DATE: \_\_\_\_\_

VENDOR: \_\_\_\_\_

SIGNED BY: \_\_\_\_\_

(Print Name and Title)

SIGNATURE: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

TELEPHONE: \_\_\_\_\_ FAX: \_\_\_\_\_

EMAIL ADDRESS: \_\_\_\_\_

# ASPHALT CEMENT AND EMULSIFIED ASPHALT SPECIFICATIONS

Estimated usage will be **120,000 gallons delivered in 3,500-gallon loads.**

The Contract Term will be from **October 1, 2015 - September 30, 2016**

Mississippi State Aid Specifications

<b>ASPHALT CEMENT AND EMULSIFIED ASPHALT</b>			
<b>ASPHALT CEMENT AND EMULSIFIED ASPHALT</b>	<b>ON LINE ONLY</b>	<b>Per Gallon as Specified</b>	<b>Yes/No</b>
All grades AC			
CRS-2 Emulsified Asphalt			
CRS-2 P Emulsified Asphalt			
RC-250 Cutback Asphalt			

**\*\*\*ALL THE ABOVE PRICES ARE TO INCLUDE FREIGHT.**

**ANY QUESTIONS CONTACT JANICE TAYLOR AT 601-857-8732 OR E-MAIL AT [jtaylor@co.hinds.ms.us](mailto:jtaylor@co.hinds.ms.us)**

**I CERTIFY THE MATERIAL AND SERVICES OFFERED GROUP ASPHALT CEMENT AND EMULSIFIED ASPHALT SPECIFICATIONS MEETS OR EXCEED THE FOREGOING SPECIFICATIONS.**

DATE: \_\_\_\_\_

VENDOR: \_\_\_\_\_

SIGNED: \_\_\_\_\_

(Print Name and Title)

SIGNATURE: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

TELEPHONE: \_\_\_\_\_ FAX: \_\_\_\_\_

EMAIL ADDRESS: \_\_\_\_\_

**CLAY GRAVEL/ CRUSHED LIMESTONE SEAL SIZES 7, 8 and 89**  
**RIP RAP ROCK SIZES 100, 200, 300 and 400**

Estimated usage 7,000 tons.

The Contract Term will be from October 1, 2015 – September 30, 2016

**Mississippi State Aid Specifications**

**The limestone is to meet the specifications as listed in Section 703.14 of the Mississippi Standard Specifications for Road and Bridge Construction Mississippi State Highway Department 1990 edition. The limestone will be delivered and placed at the aforementioned locations, with stockpiling to be accomplished by the Hinds County Department of Public Works or others.**

<b>CRUSHED LIMESTONE 7, 8, AND 89, Delivered to locations</b>		
<b>CRUSHED LIMESTONE SIZE # 7</b>	<b>YES or NO</b>	<b>Price Per ton FOB</b>
Central Lot 900 East Main St. Raymond, MS 39154		ON LINE ONLY
North Maintenance District 1000 Frontage Rd. , Bolton, MS 39041		ON LINE ONLY
Southeast Maintenance District 4055 Volley Campbell Rd., Terry, Ms 39170		ON LINE ONLY
Southwest Maintenance District 328 Curtis Road, Utica, Ms 39175		ON LINE ONLY

<b>CRUSHED LIMESTONE 7, 8, AND 89, Delivered to locations</b>		
<b>CRUSHED LIMESTONE SIZE # 8</b>	<b>YES or NO</b>	<b>Price Per ton FOB</b>
Central Lot 900 East Main St. Raymond, MS 39154		ON LINE ONLY
North Maintenance District 1000 Frontage Rd. , Bolton, MS 39041		ON LINE ONLY
Southeast Maintenance District 4055 Volley Campbell Rd., Terry, Ms 39170		ON LINE ONLY
Southwest Maintenance District 328 Curtis Road, Utica, Ms 39175		ON LINE ONLY

<b>CRUSHED LIMESTONE 7, 8, AND 89, Delivered to locations</b>		
<b>CRUSHED LIMESTONE SIZE # 89</b>	<b>YES or NO</b>	<b>Price Per ton FOB</b>
Central Lot 900 East Main St. Raymond, MS 39154		ON LINE ONLY
North Maintenance District 1000 Frontage Rd. , Bolton, MS 39041		ON LINE ONLY
Southeast Maintenance District 4055 Volley Campbell Rd., Terry, Ms 39170		ON LINE ONLY
Southwest Maintenance District 328 Curtis Road, Utica, Ms 39175		ON LINE ONLY

<b>RIP RAP ROCK SIZES 100,200,300 AND 400 Delivered to locations</b>		
<b>RIP RAP ROCK SIZE # 100</b>	<b>YES or NO</b>	<b>Price Per ton FOB</b>
Central Lot 900 East Main St. Raymond, MS 39154		ON LINE ONLY
North Maintenance District 1000 Frontage Rd. , Bolton, MS 39041		ON LINE ONLY
Southeast Maintenance District 4055 Volley Campbell Rd., Terry, Ms 39170		ON LINE ONLY
Southwest Maintenance District 328 Curtis Road, Utica, Ms 39175		ON LINE ONLY

<b>RIP RAP ROCK SIZES 100,200,300 AND 400 Delivered to locations</b>		
<b>RIP RAP ROCK SIZE # 200</b>	<b>YES or NO</b>	<b>Price Per ton FOB</b>
Central Lot 900 East Main St. Raymond, MS 39154		ON LINE ONLY
North Maintenance District 1000 Frontage Rd. , Bolton, MS 39041		ON LINE ONLY
Southeast Maintenance District 4055 Volley Campbell Rd., Terry, Ms 39170		ON LINE ONLY
Southwest Maintenance District 328 Curtis Road, Utica, Ms 39175		ON LINE ONLY

<b>RIP RAP ROCK SIZES 100,200,300 AND 400 Delivered to locations</b>		
<b>RIP RAP ROCK SIZE # 300</b>	<b>YES or NO</b>	<b>Price Per ton FOB</b>
Central Lot 900 East Main St. Raymond, MS 39154		<b>ON LINE ONLY</b>
North Maintenance District 1000 Frontage Rd. , Bolton, MS 39041		<b>ON LINE ONLY</b>
Southeast Maintenance District 4055 Volley Campbell Rd., Terry, Ms 39170		<b>ON LINE ONLY</b>
Southwest Maintenance District 328 Curtis Road, Utica, Ms 39175		<b>ON LINE ONLY</b>
<b>RIP RAP ROCK SIZES 100,200,300 AND 400 Delivered to locations</b>		
<b>RIP RAP ROCK SIZE # 400</b>	<b>YES or NO</b>	<b>Price Per ton FOB</b>
Central Lot 900 East Main St. Raymond, MS 39154		<b>ON LINE ONLY</b>
North Maintenance District 1000 Frontage Rd. , Bolton, MS 39041		<b>ON LINE ONLY</b>
Southeast Maintenance District 4055 Volley Campbell Rd., Terry, Ms 39170		<b>ON LINE ONLY</b>
Southwest Maintenance District 328 Curtis Road, Utica, Ms 39175		<b>ON LINE ONLY</b>

Continued next Page

**CLAY GRAVEL**

Estimated usage with be 10,000 tons.

The Contract Term will be from October 1, 2015 – September 30, 2016 Mississippi State Aid Specifications

Per ton F. O. B., gravel pit. (Seller loads)		ON LINE ONLY	Yes or No
Per ton F. O. B., gravel pit. (Buyer loads)		\$ ONLINE ONLY	Yes or No
Gravel Delivered to lot Price per Ton FOB by location.	Central Lot 900 East Main Street Raymond, Mississippi 39154	\$ ONLINE ONLY	Yes or No
Gravel Delivered to lot Price per Ton FOB by location.	North Maintenance District 1000 Frontage Road Bolton, Mississippi 39041	\$ ONLINE ONLY	Yes or No
Gravel Delivered to lot Price per Ton FOB by location.	Southeast Maintenance District 4055 Volley Campbell Road Terry, Mississippi 39170	\$ ONLINE ONLY	Yes or No
Gravel Delivered to lot Price per Ton FOB by location.	Southwest Maintenance District 328 Curtis Road Utica, Mississippi 39175	\$ ONLINE ONLY	Yes or No

The Clay Gravel is to meet the specifications of the Mississippi Department of Transportation Class 4 Group B and will be delivered and placed at the aforementioned locations, with stockpiling to be accomplished by the Hinds County Public Works Department or others. Moisture tests performed by contractor when requested by Department. Must have scales to insure accurate quantity and supply tickets to Hinds County upon delivery.

**CLAY GRAVEL**

The clay gravel material is to meet the following graduation requirements:

**Percentage (by weight) Passing Square Mesh Sieves**

Class		4
Passing 3"		100
1 ½"		85 – 100
1"		65 – 100
½"		35 – 90
No. 4		30 – 75
No. 10		30 – 57

**Material Passing the No. 10 Sieve**

Class		4
No. 10		100
No. 40		20 – 90
No. 60		15 – 80
No. 200		6 – 40

**Material passing the No. 40 Sieve shall meet the following:**

Group Symbol	LL Max.	Min.	Max.
B	25		8

ANY QUESTIONS CONTACT JANICE TAYLOR AT 601-857-8732 OR E-MAIL AT [jtaylor@co.hinds.ms.us](mailto:jtaylor@co.hinds.ms.us)

**I CERTIFY THE MATERIAL AND SERVICES OFFERED GROUP CLAY GRAVEL/ CRUSHED LIMESTONE SEAL SIZES 7, 8 and 89 RIP RAP ROCK SIZES 100, 200, 300 and 400 MEETS OR EXCEEDS THE FOREGOING SPECIFICATIONS.**

DATE: \_\_\_\_\_

VENDOR: \_\_\_\_\_

SIGNED \_\_\_\_\_  
(Print Name and Title)

SIGNATURE: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

TELEPHONE: \_\_\_\_\_ FAX: \_\_\_\_\_

EMAIL ADDRESS: \_\_\_\_\_

**End of page**

**TRAFFIC PAINT**

**Estimated usage for term of contract is 14,000 gallons.**

The Contract Term will be from **October 1, 2015 – September 30, 2016**

**Mississippi State Highway Department Code**

**Reflective, 55 Gallon Containers**

<b>Traffic Paint</b>	<b>ONLINE ONLY</b>	<b>SIZE</b>	<b>YES/NO</b>
<b><u>FDTW – 4 white</u></b>	<b>ONLINE ONLY</b>	<b>Reflective, 55 Gallon Containers</b>	
<b><u>FDTY – 4 yellow</u></b>	<b>ONLINE ONLY</b>	<b>Reflective, 55 Gallon Containers</b>	

**TRAFFIC PAINT:**

All traffic paint shall conform to Mississippi State Highway Department Specifications as set forth in Section S-710 as tested in conformance with Mississippi State Highway Department Standard Operating Procedures TMD-30-01-00-000 and TMD-30-02-01-000.

**Delivery shall be made to:**

**Central Lot  
900 East Main Street  
Raymond, Mississippi 39154**

**Contrary to the Specifications and Standard Operating Procedures, the certifications shall be addressed to the Director, Department of Public Works.**

**I CERTIFY THE MATERIAL AND SERVICES OFFERED GROUP TRAFFIC PAINT MEETS OR EXCEED THE FOREGOING SPECIFICATIONS.**

DATE: \_\_\_\_\_

VENDOR: \_\_\_\_\_

SIGNED \_\_\_\_\_

(Print Name and Title)

SIGNATURE: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

TELEPHONE: \_\_\_\_\_ FAX: \_\_\_\_\_

EMAIL ADDRESS: \_\_\_\_\_

**GLASS BEADS**

Estimated usage will be 10 tons.

**Contract Dates: October 1, 2015 – September 30, 2016**

**Mississippi State Aid Specifications**

<b><u>GLASS BEADS</u></b>	<b>ONLINE ONLY</b>	<b>SIZE</b>	<b>YES No or</b>
1. Glass beads meeting the new requirements for Mississippi State Aid Specifications (Class B High Visibility Beads per Mississippi DOT SP 907-720-5)	<b>ONLINE ONLY</b>	50 pound bag	
2. Glass beads meeting the previous requirements for Mississippi State Aid Specifications (Class A Standard Glass beads per Mississippi DOT SP 907-720-5)	<b>ONLINE ONLY</b>	50 pound bag	

Delivery shall be made to:

Central Lot  
900 East Main Street  
Raymond, Mississippi 39154

**ANY QUESTIONS ON THE ABOVE SPECIFICATIONS PLEASE CONTACT:  
JANICE TAYLOR AT 601-857-8732 OR E-MAIL AT [jtaylor@co.hinds.ms.us](mailto:jtaylor@co.hinds.ms.us)**

I CERTIFY THE MATERIAL AND SERVICES OFFERED GROUP GLASS BEADS MEETS OR EXCEED THE FOREGOING SPECIFICATIONS.

DATE: \_\_\_\_\_

VENDOR: \_\_\_\_\_

SIGNED \_\_\_\_\_

(Print Name and Title)

SIGNATURE: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

TELEPHONE: \_\_\_\_\_ FAX: \_\_\_\_\_

EMAIL ADDRESS: \_\_\_\_\_

**POLYMERIC COATED, ALUMINIZED STEEL,  
POLYETHYLENE CULVERTS AND COUPLINGS**

ALL CULVERTS AND ACCESSORIES SHALL BE CERTIFIED AS MEETING THE SPECIFICATIONS AS PROVIDED IN SECTION 709 OF THE MDOT CURRENT EDITION OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

ALL PRICES SHOULD INCLUDE SIZES RANGING FROM 1' TO 60'. CULVERTS SHOULD BE FURNISHED IN ONE PIECE UP 60' UPON REQUEST WITH EXCEPTION OF ARCH.

ANY PERMITTED LOADS SUBJECT TO ADDITIONAL COST FOR PERMIT AND/OR ESCORT ONLY.

The Contract Term will be from October 1, 2015 – September 30, 2016

<b><u>POLYMERIC COATED - 2.66 x 1/2 ROUND PIPE</u></b>		
<u>DIAMETER</u>	<u>GAUGE</u>	<u>PRICE PER LIN FT</u>
12"	14	<b>ONLINE ONLY</b>
12"	16	<b>ONLINE ONLY</b>
15"	12	<b>ONLINE ONLY</b>
15"	14	<b>ONLINE ONLY</b>
15"	16	<b>ONLINE ONLY</b>
18"	12	<b>ONLINE ONLY</b>
18"	14	<b>ONLINE ONLY</b>
18"	16	<b>ONLINE ONLY</b>
21"	12	<b>ONLINE ONLY</b>
21"	14	<b>ONLINE ONLY</b>
21"	16	<b>ONLINE ONLY</b>
24"	10	<b>ONLINE ONLY</b>
24"	12	<b>ONLINE ONLY</b>
24"	14	<b>ONLINE ONLY</b>
24"	16	<b>ONLINE ONLY</b>

<b><u>POLYMERIC COATED - 2.66 x 1/2 ROUND PIPE</u></b>		
30"	10	ONLINE ONLY
30"	12	ONLINE ONLY
30"	14	ONLINE ONLY
30"	16	ONLINE ONLY
36"	10	ONLINE ONLY
36"	12	ONLINE ONLY
36"	14	ONLINE ONLY
36"	16	ONLINE ONLY
42"	10	ONLINE ONLY
42"	12	ONLINE ONLY
42"	14	ONLINE ONLY
42"	16	ONLINE ONLY
48"	10	ONLINE ONLY
48"	12	ONLINE ONLY
48"	14	ONLINE ONLY
48"	16	ONLINE ONLY
54"	10	ONLINE ONLY
54"	12	ONLINE ONLY
54"	14	ONLINE ONLY
60"	10	ONLINE ONLY
60"	12	ONLINE ONLY
66"	10	ONLINE ONLY
66"	12	ONLINE ONLY
72"	10	ONLINE ONLY

<b><u>POLYMERIC COATED - 2.66 x 1/2 ROUND PIPE</u></b>		
72"	12	ONLINE ONLY
78"	10	ONLINE ONLY
84"	10	ONLINE ONLY
90"	10	ONLINE ONLY
96"	10	ONLINE ONLY

<b><u>POLYMERIC COATED – 3 x 1 or 5 x 1 ROUND PIPE</u></b>		
<u>DIAMETER</u>	<u>GAUGE</u>	<u>PRICE PER LIN FT</u>
36"	12	ONLINE ONLY
36"	14	ONLINE ONLY
36"	16	ONLINE ONLY
42"	12	ONLINE ONLY
42"	14	ONLINE ONLY
42"	16	ONLINE ONLY
48"	10	ONLINE ONLY
48"	12	ONLINE ONLY
48"	14	ONLINE ONLY
48"	16	ONLINE ONLY
54"	10	ONLINE ONLY
54"	12	ONLINE ONLY
54"	14	ONLINE ONLY
54"	16	ONLINE ONLY

<b><u>POLYMERIC COATED – 3 x 1 or 5 x 1 ROUND PIPE</u></b>		
60"	10	<b>ONLINE ONLY</b>
60"	12	<b>ONLINE ONLY</b>
60"	14	<b>ONLINE ONLY</b>
60"	16	<b>ONLINE ONLY</b>
66"	10	<b>ONLINE ONLY</b>
66"	12	<b>ONLINE ONLY</b>
66"	14	<b>ONLINE ONLY</b>
66"	16	<b>ONLINE ONLY</b>
72"	10	<b>ONLINE ONLY</b>
72"	12	<b>ONLINE ONLY</b>
72"	14	<b>ONLINE ONLY</b>
72"	16	<b>ONLINE ONLY</b>
78"	10	<b>ONLINE ONLY</b>
78"	12	<b>ONLINE ONLY</b>
78"	14	<b>ONLINE ONLY</b>
78"	16	<b>ONLINE ONLY</b>
84"	10	<b>ONLINE ONLY</b>
84"	12	<b>ONLINE ONLY</b>
84"	14	<b>ONLINE ONLY</b>
84"	16	<b>ONLINE ONLY</b>
90"	10	<b>ONLINE ONLY</b>

<b><u>POLYMERIC COATED – 3 x 1 or 5 x 1 ROUND PIPE</u></b>		
90"	12	<b>ONLINE ONLY</b>
90"	14	<b>ONLINE ONLY</b>
96"	10	<b>ONLINE ONLY</b>
96"	12	<b>ONLINE ONLY</b>
96"	14	<b>ONLINE ONLY</b>
102"	10	<b>ONLINE ONLY</b>
102"	12	<b>ONLINE ONLY</b>
102"	14	<b>ONLINE ONLY</b>
108"	10	<b>ONLINE ONLY</b>
108"	12	<b>ONLINE ONLY</b>
108"	14	<b>ONLINE ONLY</b>
114"	10	<b>ONLINE ONLY</b>
114"	12	<b>ONLINE ONLY</b>
114"	14	<b>ONLINE ONLY</b>
120"	10	<b>ONLINE ONLY</b>
120"	12	<b>ONLINE ONLY</b>
126"	10	<b>ONLINE ONLY</b>

End of Round Pipe  
 Arched Pipe Continued Next Page

**POLYMERIC COATED ARCH PIPE - 2.66 x 1/2**

<u>SPAN – RISE</u>	<u>GAUGE</u>	<u>PRICE PER LIN FT</u>
28" x 20" – (24")	14	<b>ONLINE ONLY</b>
28" x 20" – (24")	16	<b>ONLINE ONLY</b>
35" x 24" – (30")	12	<b>ONLINE ONLY</b>
35" x 24" – (30")	14	<b>ONLINE ONLY</b>
42" x 29" – (36")	12	<b>ONLINE ONLY</b>
42" x 29" – (36")	14	<b>ONLINE ONLY</b>
49" x 33" – (42")	12	<b>ONLINE ONLY</b>
49" x 33" – (42")	14	<b>ONLINE ONLY</b>
57" x 38" – (48")	12	<b>ONLINE ONLY</b>
57" x 38" – (48")	14	<b>ONLINE ONLY</b>
64" x 43" – (54")	12	<b>ONLINE ONLY</b>
71" x 47" – (60")	12	<b>ONLINE ONLY</b>
77" x 52" – (66")	12	<b>ONLINE ONLY</b>
83" x 57" – (72")	12	<b>ONLINE ONLY</b>
95" x 67" – (84")	12	<b>ONLINE ONLY</b>

## POLYETHYLENE CULVERT PIPE AND COUPLINGS

### Specifications for polyethylene culverts and couplings

1. ASTM F 405, Standard Specifications for corrugated polyethylene pipe and fittings.
2. ASTM F 667, Standard Specifications for large diameter corrugated polyethylene pipe and fittings.
3. AASHTO M 252, Standard Specifications for polyethylene corrugated drainage pipe.
4. AASHTO M 294, Standard Specifications for corrugated polyethylene pipe, 12" to 60" diameter.
5. ASTM F 2648, standard specifications for corrugated polyethylene pipe, 12" to 60" diameter.
6. Pipe lengths - 20' standard

<u>DIAMETER</u>	<u>PRICE PER FT. CORRUGATED PIPE</u>	<u>PRICE PER COUPLING</u>
10"	<b>ONLINE ONLY</b>	<b>ONLINE ONLY</b>
12"	<b>ONLINE ONLY</b>	<b>ONLINE ONLY</b>
15"	<b>ONLINE ONLY</b>	<b>ONLINE ONLY</b>
18"	<b>ONLINE ONLY</b>	<b>ONLINE ONLY</b>
24"	<b>ONLINE ONLY</b>	<b>ONLINE ONLY</b>
30"	<b>ONLINE ONLY</b>	<b>ONLINE ONLY</b>
36"	<b>ONLINE ONLY</b>	<b>ONLINE ONLY</b>
42"	<b>ONLINE ONLY</b>	<b>ONLINE ONLY</b>
48"	<b>ONLINE ONLY</b>	<b>ONLINE ONLY</b>
54"	<b>ONLINE ONLY</b>	<b>ONLINE ONLY</b>
60"	<b>ONLINE ONLY</b>	<b>ONLINE ONLY</b>

\*\*\*General: Prices quoted shall be F. O. B.

**POLYETHYLENE CULVERT PIPE AND COUPLINGS**

Specifications for polyethylene smooth Interior culvert pipe and couplings

1. ASTM F 405, Standard Specifications for corrugated pipe and fittings.
2. ASTM F 667, Standard Specifications for large diameter corrugated polyethylene pipe and fittings.
3. AASHTO M 252, Standard Specifications for polyethylene corrugated drainage pipe.
4. AASHTO M 294, Standard Specifications for corrugated polyethylene pipe, 12" to 36" diameter.
5. ASTM F 2648, standard specifications for corrugated polyethylene pipe, 12" to 60" diameter
6. Pipe lengths - 20' standard

<u>DIAMETER</u>	<u>PRICE PER FT. SMOOTH INTERIOR PIPE</u>	<u>PRICE PER COUPLING</u>
10"	<b>ONLINE ONLY</b>	<b>ONLINE ONLY</b>
12"	<b>ONLINE ONLY</b>	<b>ONLINE ONLY</b>
15"	<b>ONLINE ONLY</b>	<b>ONLINE ONLY</b>
18"	<b>ONLINE ONLY</b>	<b>ONLINE ONLY</b>
24"	<b>ONLINE ONLY</b>	<b>ONLINE ONLY</b>
30"	<b>ONLINE ONLY</b>	<b>ONLINE ONLY</b>
36"	<b>ONLINE ONLY</b>	<b>ONLINE ONLY</b>
42"	<b>ONLINE ONLY</b>	<b>ONLINE ONLY</b>
48"	<b>ONLINE ONLY</b>	<b>ONLINE ONLY</b>
54"	<b>ONLINE ONLY</b>	<b>ONLINE ONLY</b>
60"	<b>ONLINE ONLY</b>	<b>ONLINE ONLY</b>

**\*\*\*General: Prices quoted shall be F. O. B.**

**I CERTIFY THE MATERIAL AND SERVICES OFFERED GROUP POLYETHYLENE CULVERT PIPE AND COUPLINGS BEADS MEETS OR EXCEED THE FOREGOING SPECIFICATIONS.**

DATE: \_\_\_\_\_

VENDOR: \_\_\_\_\_

SIGNED \_\_\_\_\_

(Print Name and Title)

SIGNATURE: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

TELEPHONE: \_\_\_\_\_ FAX: \_\_\_\_\_

EMAIL ADDRESS: \_\_\_\_\_