SPECIFICATIONS

PAVEMENT SURFACING
PROJECT NO. 99-306-442-008-001
ACCT. NO. 100054515

SR 8 (US 80) in Macon Co.
Milepost 153.4 to Milepost 157.1
District Two – Sixth Division

Requisition No.: 620-061595
Snap No.: 1442918

1.0 CONTRACTOR REQUIREMENTS – GENERAL

1.1 Pursuant to section 34-8-1(a) of the Code of Alabama, each contractor must submit with their bid, proof of licensing through the Alabama State Board of Licensing for General Contractors, with approved maximum bid limits sufficient to cover the bid related to this specification. Failure to comply will be cause for rejection of the bid. A copy of the vendor's current year's license will expedite the evaluation process.

******APPLIES TO BIDS IN EXCESS OF $50,000.00 ONLY!******

1.2 Each contractor should submit with their bid, proof of liability insurance in the minimum amount of $500,000 per occurrence, $1,000,000 aggregate. Each contractor should further provide proof of workman's compensation insurance sufficient to satisfy all legal requirements of the State of Alabama. Failure to provide this documentation with the bid package will delay the bid evaluation process.

1.3 The successful bidder will be required to submit a performance bond, in the amount of the bid price prior to award of the purchase order.

1.4 All documentation MUST be submitted prior to award of the purchase order. All insurance certificates and bond instrument shall indicate State of Alabama, Department of Finance, and Division of Purchasing as certificate bond holder.

1.5 In accordance with Section 41-16-59 of the Code of Alabama, the successful bidder in this solicitation is restrained from assigning or sub-contracting any portion of the work under this contract.

1.6 Due to the nature of this project, award will be made on an "All or None" basis to the recommended vendor, who during the course of our bid evaluation is found to be the lowest responsible bidder. Each vendor will indicate a "per item" unit price in the appropriate blank in the text of the requisition. Award will be made adding together all unit item costs for a total bid.

2.0 WORK SCOPE

2.1 All work shall be done in compliance with applicable sections of the Alabama Department of Transportation Standard Specifications for Highway Construction, Current Edition, Alabama Department of Transportation Standard Drawings, and the MUTCD. The materials used shall be chosen from the Materials, Sources, and Devices with Special Acceptance Requirements Manual.

2.2 The traffic control scheme shall be submitted to the District Manager for his review prior to starting work. The successful bidder will contact the District Manager fourteen (14) days prior to initiating work to coordinate any work to be performed by State Forces, to include clipping shoulders and removing existing pavement markers.

2.3 The quantity stated in this solicitation is an estimate only for comparative purpose and in no way obligates the department to any specific quantity of purchases or patching. Actual maintenance requirements may be less than or greater than the estimated quantity as shown for each item. All quantities and dimensions are estimated and should be field verified by contractor.

2.4 The contractor will be responsible for all traffic control measures. Attention is drawn to the fact that this work will be performed under traffic conditions requiring special care to expedite the work and prevent undue hazardous conditions. The contractor will be responsible for all traffic control devices (MUTCD) and Chapter VI of the most current edition of the Standards and Guides for Traffic Controls for Street and Highway Construction, Maintenance, Utility, and Incidental Management Operations.

2.5 The pavement surfacing will be allowed a 14-day curing period before the placement of permanent striping and pavement markers.

3.0 PERFORMANCE REQUIREMENTS

3.1 Bid price shall include all materials, hardware, supplies, tools, equipment, labor, transportation and other necessary incidentals required for the completion of the work in an approved and satisfactory manner.

3.2 If required, on-site storage of job materials and/or equipment is to be coordinated with the District Manager prior to the beginning of work. The security of any material and/or equipment left on-site will be the responsibility of the contractor.

3.3 The performance of any work under these specifications will not be deemed complete until the contractor has satisfactorily removed all debris and cleaned up the work site. At no time during the performance of work will materials, debris, or trash be allowed to accumulate in such a manner as to endanger the safe performance of the work or the safety of the traveling public.

3.4 Locations of pavement surfacing treatments will be specified at the direction of the Division Maintenance Engineer. Contractor shall begin work within 14 days of notification by the Division Maintenance Engineer and work shall be completed in a timely manner per move-in. The contractor shall provide the Division Maintenance Engineer a daily placement report by County. Delivery tickets for aggregates and a BMT-146 for asphalt shall be furnished to the Department.

3.5 Surface treatments "G" and "D" are required. The lower treatment, "G", shall be on the coarse side of the gradation band. The upper treatment, "D", shall be on the fine side of the gradation band. Aggregates will be granite. No substitutions will be permitted.

4.0 PAYMENT

4.1 Unit of payment will be "per square yard" to two (2) decimal places for the work listed on this solicitation. Payment will be per move-in for the project. Invoice must itemize materials and services rendered. Invoice to be submitted and processed after final acceptance of the work per move-in.

4.2 Contractor will be paid for the total area of bituminous surface treatment as requested by the Division Maintenance Engineer.

4.3 Payment in accordance with unit prices as bid will be payment in full for all labor, fuel, equipment, materials, traffic control, incidentals and other items of work. **Mobilization will be a subsidiary obligation of Section 401 (Bituminous Surface Treatments)**.

4.4 Commodity Code: 968-62-067066 (401 Bituminous Treatment Type G/D) as per Section 401 Bituminous Surface Treatments

Commodity Code: 968-56-089719 (Traffic Stripe & Pavement Markers) as per 2008 Standard Specifications for Highway Construction

4.5 Estimated Quantity: 52,100 Square yards

Traffic Striping and Markings

Total	Unit	Description
7.5	Mile	Solid White, Class 2, Type A Traffic Stripe (5" Wide)
1.5	Mile	Solid Yellow, Class 2, Type A Traffic Stripe (5" Wide)
1.5	Mile	Broken Yellow, Class 2, Type A Traffic Stripe (5" Wide)
3	Mile	Broken Temporary Traffic Stripe
3	Mile	Solid Temporary Traffic Stripe
0	L.F.	Solid White, Class W, Type A Traffic Stripe (5" Wide)
0	L.F.	Broken Yellow, Class W, Type A Traffic Stripe (5" Wide)
0	L.F.	Solid Yellow, Class W, Type A Traffic Stripe (5" Wide)
0	L.F.	Solid Traffic Stripe Removed (Plastic)
0	L.F.	Broken Traffic Stripe Removed (Plastic)
0	S.F.	Traffic Control Markings, Class 2, Type A
0	S.F.	Traffic Control Legends, Class 2, Type A
0	S.F.	Temporary Traffic Control Markings
25	Each	Pavement Markers, Class A-H, Type 1-A
244	Each	Pavement Markers, Class A-H, Type 2-D

Contact Mr. Edward Kelly, District Manager, at (334)738-2150 for information if needed.

ALABAMA DEPARTMENT OF TRANSPORTATION

DATE: October 29, 2009 Special Provision No. 08-0117(3)

EFFECTIVE DATE: January 1, 2010

SUBJECT: Bituminous Surface Treatments.

Alabama Standard Specifications, 2008 Edition, SECTON 401, shall be amended as follows:

SECTION 401
BITUMINOUS SURFACE TREATMENTS

401.01 Description.

(a) GENERAL.

This Subarticle (401.01(a)) shall be replaced by the following:

The work covered by this Section consists of basic bituminous treatments such as prime coat, asphalt flush coats, liquid seals, and bituminous surface treatments.

This Section also covers the work of applying a bituminous surface treatment containing a polymer additive.

Each bituminous treatment shall consist of one or more hot applications of bituminous material and, except for prime coats, includes a specified cover aggregate which shall be spread after each bituminous application.

The work also includes the cleaning of the existing surfaces as well as furnishing and applying all materials, and necessary incidental work thereto, all in accordance with plan details and these Specifications.

401.02 Materials.

(a) BITUMINOUS MATERIALS, SECTION 804.

This Subarticle (401.02(a)) shall be replaced by the following:

(a) BITUMINOUS MATERIALS, SECTION 804.

The grade of bituminous material shall be within the following limits unless the kind and grade are specified on the plans or in the proposal.

1. PRIME:

Emulsified Asphalt	AE-P or NTSS-1HM
Cutback Asphalt	MC 30 or MC 70 for tight bases; MC 250, RC 70 or RC 250 for open bases.
Emulsified Petroleum Resin	EPR *

* This material shall not be used as a prime on processed reef shell base courses, crushed aggregate base courses, or rubblized concrete. This material shall not be left exposed for more than four days before placing a base layer of asphalt over it. This material shall also be supplied from the producer in the form in which it shall be placed. Material in a concentrated form that requires dilution after delivery will not be allowed.

2. ASPHALT FLUSH COAT:

Emulsified Asphalt	CRS 2

3. LIQUID SEALS AND SURFACE TREATMENTS WITHOUT POLYMER ADDITIVE:

Liquid Asphalt Binder	PG 58-22

Cutback Asphalt	RC 250, RC 800, MC 800
Emulsified Asphalt	CRS 2, CRS 2h

4. LIQUID SEALS AND SURFACE TREATMENTS WITH POLYMER ADDITIVE:

Liquid Asphalt Binder	PG 64-22 *
Emulsified Asphalt	CRS 2p, CRS 2hp, CRS-2l

* This liquid binder shall be manufactured from PG 58-22 with polymer additive to achieve the PG 64-22 grade.

Where the plans require the placement of a bituminous plant mix overlay over a bituminous surface treatment or liquid seal, the overlying layer shall not be placed until the asphalt in the bituminous surface treatment or liquid seal has cured to the satisfaction of the Engineer. Curing time is dependent upon several factors including temperature, humidity, and wind velocity. When emulsified asphalt is used, curing begins with a distinct change in color, from brown to black, and proceeds until the asphalt satisfactorily retains the aggregate.

Traffic stripe on each layer shall be provided and paid for in accordance with Section 701.