

MISSOURI
HIGHWAYS and TRANSPORTATION
COMMISSION

JEFFERSON CITY, MISSOURI

REQUEST FOR BID
FOR
CONSTRUCTING OR IMPROVING

Contract I.D. 070126-902

FEDERAL PROJECT

**Route 60, Howell County, Job J9P0364
Route 60, Howell County, Job J9P0364L**

REQUIRED COMBINATION

English

REVISED JAN 19 2007

SCHEDULE OF ITEMS

CONTRACT ID: 070126-902

PROJECT(S): J9P0364
J9P0364L

CONTRACTOR :

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1180	8064107 TYPE G EROSION CONTROL BLANKET	50036.000 SQYD	.	.	.	.
1190	8064108 TYPE H EROSION CONTROL BLANKET	2903.000 SQYD	.	.	.	.
SECTION 0001 TOTAL						

SECTION 0002 ALT PVMT A ITEMS - J9P0364
ALT GROUP AA1

1200	5021309 CONCRETE PAVEMENT (9 IN. NON-REINFORCED 15 FT. JOINTS)	175729.200 SQYD	.	.	.	.
1210	6262000A PORTLAND CEMENT CONCRETE SHOULDER RUMBLE STRIP	902.600 STA	.	.	.	.
SECTION 0002 TOTAL						

SECTION 0003 ALT PVMT B ITEMS - J9P0364
ALT GROUP AA2

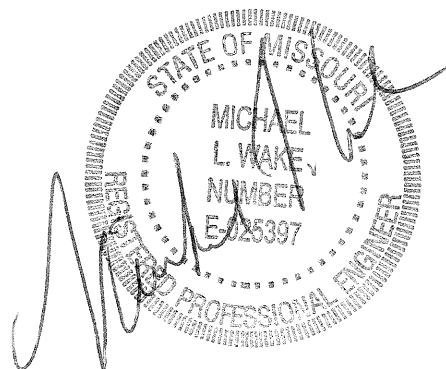
1220	4030410 13 INCHES, ASPHALTIC CONCRETE PAVEMENT SP125C	175729.200 SQYD	.	.	.	.
1230	6261000A BITUMINOUS SHOULDER RUMBLE STRIP	902.600 STA	.	.	.	.
SECTION 0003 TOTAL						

REVISED JAN 19 2007

JOB SPECIAL PROVISIONS TABLE OF CONTENTS (ROADWAY)

(Job Special Provisions shall prevail over General Special Provisions whenever in conflict therewith.)

- A. General
- B. Work Zone Traffic Management Plan
- C. Order of Work
- D. Liquidated Damages for Winter Months
- E. Utilities
- F. Fertilizing, Seeding, and Mulch
- G. Excess Material
- H. Optional Pavements
- I. Alternates for Pavements
- J. Snowplowable Raised Pavement Marker Removal
- K. Cooperation Between Contractors
- L. Work Area Restriction
- M. Project Contact for Contractor/Bidder Questions
- N. Notification of Demolition
- O. Electronic Information for Bidder's Automation
- P. Supplemental Revisions



DEC 14 2006

JOB
SPECIAL PROVISION

A. GENERAL - FEDERAL DSP-06-02D1

1.0 Description. The Federal Government is participating in the cost of construction of this project. All applicable Federal laws, and the regulations made pursuant to such laws, shall be observed by the contractor, and the work will be subject to the inspection of the appropriate Federal Agency in the same manner as provided in Sec 105.10 of the Missouri Standard Specifications for Highway Construction with all revisions applicable to this bid and contract.

1.1 This contract requires payment of the prevailing hourly rate of wages for each craft or type of work required to execute the contract as determined by the Missouri Department of Labor and Industrial Relations, and requires adherence to a schedule of minimum wages as determined by the United States Department of Labor. For work performed anywhere on this project, the contractor and the contractor's subcontractors shall pay the higher of these two applicable wage rates. State Wage Rates, Information on the Required Federal Aid Provisions, and the current Federal Wage Rates are available on the Missouri Department of Transportation web page at www.modot.mo.gov under "Business With MoDOT". Effective Wage Rates will be posted 10 days prior to the applicable bid opening. These supplemental bidding documents have important legal consequences. It shall be conclusively presumed that they are in the bidder's possession, and they have been reviewed and used by the bidder in the preparation of any bid submitted on this project.

1.2 The following documents are available on the Missouri Department of Transportation web page at www.modot.mo.gov under "Business With MoDOT" "Standards and Specifications". The effective version shall be determined by the letting date of the project.

General Provisions & Supplemental Specifications

Supplemental Plans to October 2006 Missouri Std. Plans
For Highway Construction

These supplemental bidding documents contain all current revisions to the bound printed versions and have important legal consequences. It shall be conclusively presumed that they are in the bidder's possession, and they have been reviewed and used by the bidder in the preparation of any bid submitted on this project.

B. WORK ZONE TRAFFIC MANAGEMENT PLAN DSP-02-06B1

1.0 Description. Work zone traffic management shall be in accordance with applicable portions of Division 100 and Division 600 of the Standard Specifications, and specifically as follows.

2.0 Traffic Management Schedule

2.1 Traffic management schedules shall be submitted to the engineer for review prior to the start of work and prior to any revisions to the traffic management schedule. The traffic management schedule shall include the proposed traffic control measures, hours traffic control will be in place, and work hours.

2.2 The contractor shall notify the engineer prior to lane closures or shifting traffic onto detours.

2.3 The engineer shall be notified as soon as practical of any postponement due to weather, material or other circumstances.

2.4 In order to ensure minimal traffic interference, the contractor shall schedule lane closures for the absolute minimum amount of time required to complete the work. Lanes shall not be closed until material is available for continuous construction and the contractor is prepared to diligently pursue the work until the closed lane is opened to traffic.

2.5 The contractor shall be responsible for maintaining the existing traffic flow through the job site during construction. If disruption of the traffic flow occurs and traffic is backed up in queues of 15 minute delays or longer, then the contractor shall review the construction operations which contributed directly to disruption of the traffic flow and make adjustments to the operations to prevent the queues from occurring again.

3.0 Work Hour Restrictions.

3.1 There are three major summer holiday periods: Memorial Day, Independence Day, and Labor Day. All lanes shall be scheduled to be open to traffic during these holiday periods, from 12:00 noon on the last working day preceding the holiday until 9:00 a.m. on the first working day subsequent to the holiday.

3.2 The contractor shall not perform any construction operation on the *active lanes* during restricted periods, holiday periods or other special events specified in the contract documents.

4.0 Detours and Lane Closures.

4.1 At least one lane of traffic in each direction on Route 60 shall be maintained at all times except for brief intervals of time required when the movement of the contractor's equipment will seriously hinder the safe movement of traffic. Periods during which the contractor will be allowed to halt traffic will be designated by the engineer.

4.2 The contractor shall provide ingress and egress at all times for each entrance along Route 60 either by constructing the entrance half at a time or by providing temporary access as approved by the engineer. The contractor shall notify the engineer two days prior to the closing of any entrance. Once construction is initiated on any entrance, the contractor shall pursue the work to completion and place traffic on the new construction in the shortest possible time. If entrance construction is interrupted for any reason, the entrance shall be immediately restored to the extent that it may be used.

5.0 Basis of Payment. No direct payment will be made to the contractor to recover the cost of equipment, labor, materials or time required to fulfill the above provisions, unless specified elsewhere in the contract document.

C. ORDER OF WORK

1.0 Staged construction will be required on this project. The following is an overview of the construction stages.

1.1 **Stage 1** – Most of the project shall be constructed in this stage. Traffic will remain on existing Route 60. New lanes shall be constructed on the south side of the existing facility from Sta. 737+20 to Sta. 1030+00 (near Route NN) and on the north side of the existing facility from Sta. 1031+00 to Sta. 1208+18.27. Route U and Crossovers 2, 3 and 4 shall be constructed in this stage.

1.2 **Stage 2** – Crossover 1 (existing crossover at the beginning of the project) shall be obliterated. Traffic will use Route 60 WBL and EBL from the beginning of the project to Crossover 2, Crossover 2, Route 60 EBL from Crossover 2 to Crossover 3, Crossover 3, Route 60 WBL from Crossover 3 to Crossover 4, Crossover 4, and Route 60 WBL and EBL from Crossover 4 to the end of the project. Route 60 WBL from Sta. 1020+41 to Sta. 1031+00 and Route 60 EBL from Sta. 1030+00 to Sta. 1043+13 shall be constructed in this stage.

1.3 **Stage 3** – Open Route 60 WBL and EBL to traffic throughout the project. Obliterate crossovers 2, 3, and 4.

2.0 This provision does not prohibit the contractor from devising his/her own order of work, as long as it provides for an equal or better sequence of activities and the safe and convenient handling of traffic. The contractor's method must be presented to the engineer and approved by the engineer.

D. LIQUIDATED DAMAGES FOR WINTER MONTHS

1.0 For this contract , Section 108.8.1.2 (a) and (b) will not apply. Liquidated damages will be charged between December 15, 2008 and March 15, 2009, both dates inclusive.

E. UTILITIES

1.0 Following is a list of names, addresses, and telephone numbers of the known utility companies that have facilities in the vicinity of this improvement.

Utility Name

Known Required
Adjustment

Anticipated Relocation
Completion Date

H. OPTIONAL PAVEMENTS DSP 06-06

1.0 Description. This work shall consist of a pavement composed of either Portland cement concrete or asphaltic concrete constructed on a prepared subgrade. This work shall be performed in accordance with the standard specifications and as shown on the plans or established by the engineer.

2.0 The quantities shown reflect the total square yards of pavement surface designated for each pavement type as computed and shown on the plans.

2.1 No additional payment will be made for asphaltic concrete mix quantities to construct the required 1:1 slope along the edge of the pavement.

2.2 No additional payment will be made for aggregate base quantities outside the limits of the final surface area as computed and shown on the plans. When A2 shoulders are specified, payment for aggregate base will be as shown on the plans.

2.3 The grading shown on the plans was designed for the *thicker* pavement option. For projects with grading in the contract, there will be no adjustment of the earthwork quantities due to adjusting the roadway subgrade for optional pavements.

2.4 The contractor shall comply with Sections 401 through 403 for the asphalt option and Sections 501 and 502 for the concrete option.

3.0 Method of Measurement. The quantities of concrete pavement will be measured in accordance with Section 502.14. The quantities of asphaltic concrete pavement will be measured in accordance with Section 403.22.

3.1 Basis of Payment. The accepted quantity of the chosen option will be paid for by the contract unit bid price for Item 401-99.05, Optional Pavement, per Square Yard.

I. ALTERNATES FOR PAVEMENTS DSP-96-04H

1.0 Description. This work shall consist of a pavement composed of either Portland cement concrete or asphaltic concrete, constructed on a prepared subgrade in accordance with the standard specifications and in conformity with the lines, grades, thickness and typical cross sections shown on the plans or established by the engineer.

2.0 Alternates. To exercise this option, separate pay items, descriptions and quantities are included in the itemized proposal for each of the two alternates. The bidder shall bid only one of the two alternates and either enter "0" or leave blank in the contract unit price column for any pay item listed for the other alternate.

2.1 A sum of **\$654,700** will be added by the Commission to the total bid using the asphalt alternate for bid comparison purposes to factor in life cycle cost analysis of the roadway. The additional amount added will not represent any additional payment to be made to the successful bidder and is used only for determining the low bid.

2.2 The quantities shown for each alternate reflect the total square yards [meters] of pavement surface designated for alternate pavement types as computed and shown on the plans. No additional payment will be made for asphaltic concrete mix quantities to construct the required 1:1 slope along the edge of the pavement.

2.3 The grading shown on the plans was designed for the thicker pavement alternate.

3.0 Method of Measurement. The quantities of concrete pavement will be paid for in accordance with Section 502.14. The quantities of asphaltic concrete pavement will be paid for in accordance with Section 403.22.

4.0 Basis of Payment. The accepted quantity of the chosen alternate and other associated items will be paid for at the unit price for each of the appropriate pay items included in the contract.

4.1 For projects with previously graded roadbeds, any additional quantities required to bring the roadway subgrade to the proper elevation will be considered completely covered by the pay item for Subgrading and Shouldering.

4.2 For projects with grading in the contract, there will be no adjustment of the earthwork quantities due to adjusting the roadway subgrade for alternate pavements.

J. SNOWPLOWABLE RAISED PAVEMENT MARKER REMOVAL

1.0 Description. This work shall consist of the removal of existing SRPM's. Removal of SRPM's shall include removing the SRPM and repairing the pavement surface.

2.0 Material. All material shall be in accordance with Division 600, Incidental Construction, and specifically as follows:

Item	Section
Snowplowable Raised Pavement Markers	620.100

3.0 Construction Requirements.

3.1 Concrete. The SRPM shall be removed with minimal damage to the pavement. The hole shall be completely filled with the same type of epoxy used to install the new SRPM. When SRPMs are removed from bridge decks the standard method of repairing a hole in a deck should be used. An elastomeric concrete should be used to patch the hole in the bridge deck.

3.2 Asphalt. The SRPM shall be removed with minimal damage to the pavement. The hole shall be patched with commercial mix if no resurfacing is planned.

3.2.1 Coldmilling. No patching will be necessary when coldmilling follows the removal of SRPM's.