



**TRANSPORTATION CABINET**

Frankfort, Kentucky 40622  
www.transportation.ky.gov/

**Steven L. Beshear**  
Governor

**Michael W. Hancock, P.E.**  
Secretary

September 15, 2014

CALL NO. 117  
CONTRACT ID NO. 141049  
ADDENDUM # 1

Subject: Rockcastle County, STP BRZ 0803 (186)  
Letting September 26, 2014

- (1) Added - Special Note for Award - Page 17 of 90
- (2) Revised - Special Note for Erosion Prevention - Pages 18-19 of 90
- (3) Revised - Bid Items - Pages 89-90 of 90

Proposal revisions are available at <http://transportation.ky.gov/Construction-Procurement/>.

If you have any questions, please contact us at 502-564-3500.

Sincerely,

A handwritten signature in blue ink that reads "Diana Castle Radcliffe".

Diana Castle Radcliffe  
Director  
Division of Construction Procurement

DR:ks  
Enclosures



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### **ASPHALT MIXTURE**

Unless otherwise noted, the Department estimates the rate of application for all asphalt mixtures to be 110 lbs/sy per inch of depth.

### **DGA BASE**

Unless otherwise noted, the Department estimates the rate of application for DGA Base to be 115 lbs/sy per inch of depth.

### **DGA BASE FOR SHOULDERS**

Unless otherwise noted, the Department estimates the rate of application for DGA Base for Shoulders to be 115 lbs/sy per inch of depth. The Department will not measure necessary grading and/or shaping of existing shoulders prior to placing of DGA Base, but shall be incidental to the Contract unit price per ton for DGA Base.

Accept payment at the Contract unit price per ton as full compensation for all labor, materials, equipment, and incidentals for grading and/or shaping of existing shoulders and furnishing, placing, and compacting the DGA Base.

### **INCIDENTAL SURFACING**

The Department has included in the quantities of asphalt mixtures established in the proposal estimated quantities required for resurfacing or surfacing mailbox turnouts, farm field entrances, residential and commercial entrances, curve widening, ramp gores and tapers, and road and street approaches, as applicable. Pave these areas to the limits as shown on Standard Drawing RPM-110-06 or as directed by the Engineer. In the event signal detectors are present in the intersecting streets or roads, pave the crossroads to the right of way limit or back of the signal detector, whichever is the farthest back of the mainline. Surface or resurface these areas as directed by the Engineer. The Department will not measure placing and compacting for separate payment but shall be incidental to the Contract unit price for the asphalt mixtures.

### **ASPHALT PAVEMENT RIDE QUALITY CATEGORY B**

The Department will apply Pavement Rideability Requirements on this project in accordance with Section 410, Category B.

## **SPECIAL NOTE FOR AWARD OF CONTRACT**

Due to pending permit for the Individual Water Quality Certification, and in accordance with section 103.02 of the Standard Specifications for Road and Bridge Construction, the Department may hold and not award the contract for a period not to exceed sixty (60) calendar days from the date of the letting.

## **Special Note for Erosion Prevention and Sediment Control Rockcastle County / Item No 08-1058.00**

The Contractor shall perform all temporary erosion/sediment control functions including: providing a Best Management Practice (BMP) Plan, conducting required inspections, modifying the BMP plan documents as construction progresses and documenting the installation and maintenance of BMPs in conformance with the KPDES KYR10 permit dated June 29, 2009 or a permit re-issued to replace the KYR10 permit. This work shall be conducted in conformance with the requirements of Section 213 of KYTC 2012 Department of Highways, Standard Specifications for Road and Bridge Construction.

Contrary to Section 213.03.03, paragraph 2, the Engineer shall conduct inspections as needed to verify compliance with Section 213 of KYTC 2012 Department of Highways, Standard Specifications for Road and Bridge Construction. The Engineer's inspections shall be performed a minimum of once per month and within seven days after a storm of ½ inch or greater. Copies of the Engineer's inspections shall not be provided to the contractor unless improvements to the BMP's are required. The contractor shall initiate corrective action within 24 hours of any reported deficiency and complete the work within 5 days. The Engineer shall use Form TC 63-61 A for this report. Inspections performed by the Engineer do not relieve the Contractor of any responsibility for compliance with the KPDES permit.

Contrary to Section 213.05, bid items for temporary BMPs will not be listed and will be replaced with one lump sum item for the services. Payment will be pro-rated based on the Project Schedule as submitted by the Contractor and as agreed to by the Engineer.

The contractor shall be responsible for applying "good engineering practices" as required by the KPDES permit. The contractor may use any temporary BMPs with the approval of the KYTC Engineer.

The contractor shall provide the Engineer copies of all documents required by the KPDES permit at the time they are prepared.

The contractor shall be responsible for the examination of the soils to be encountered and make his own independent determination of the temporary BMPs that will be required to accomplish effective erosion prevention and sediment control.

Generally, the following terms and conditions can be found in the KPDES KR10 permit dated June 29, 2009 and under section 212 and 213 of the KYTC Standard Specifications dated June 15, 2012. For the purpose of this project, they are reiterated below.

- The location of the individual erosion prevention/sediment control measures will be identified by the resident engineer and contractor.
- Mulch will be placed, during grade and drain activities, across all areas where no work will be conducted for a period of 14 consecutive days.
- Tree clearing within the riparian zone will be minimized. Trees to be removed will be determined by the resident engineer and the contractor prior to disturbance.
- Silt fence, or other approved method as appropriate, will be installed at the edge of waters within the project area to eliminate the deposition of rock and debris in the stream during construction activities. In the unforeseen event that unintended debris does enter the stream, the resident engineer will halt the contributing activity until appropriate remedial actions have been implemented.
- To the maximum extent plausible, construction activities will take place during low-flow periods.

- Equipment staging and cleaning areas will be located to eliminate direct inputs to waters of the Commonwealth. These areas will be located such that effluent will be filtered through vegetated areas and appropriate sediment controls prior to discharge offsite.
- Concrete will be poured in a manner to avoid spills into the stream. In the unforeseen event that a spill does occur, the USFWS will be notified, and the resident engineer will immediately halt the activity until remedial measures have been implemented.
- KYTC proposes to stabilize areas disturbed during construction activities through vegetation establishment and placement of riprap and geotextile fabric. Re-vegetation of the disturbed areas will allow thermoregulation of water within the stream, establish long-term, regenerative stabilization of the stream bank, and provide nutrients to the aquatic macroinvertebrate community through inputs of organic material.
- Areas disturbed during construction and not stabilized with rip rap and erosion blanket will be seeded using a standard seed mix. Depending on project slope and project location, application rates will vary and one of the following seed mix types will be used:
  - Seed Mix Type I: 50% Kentucky 31 tall fescue (*Festuca arundinacea*), 35% hard fescue (*Festuca longifolia*), 10% perennial ryegrass (*Lolium perenne*), and 5% white Dutch clover (*Trifolium repens*).
  - Seed Mix Type II: 60% Kentucky 31 tall fescue, 20% perennial ryegrass, 10% (based on pure live seed) little bluestem (*Schizachyrium scoparium*), and 10% partridge pea (*Cassia fasciculata*).
  - Seed Mix Type III: 40% Kentucky 31 tall fescue, 15% perennial ryegrass, 20% sericea lespedeza (*Lespedeza cuneata*), 15% partridge pea, and 10% (based on pure live seed) little bluestem.

These above mentioned enhanced sediment control measures are in cooperation with the Minimization and Mitigation Measures proposed in KYTC's Biological Assessment Report, KYTC # 8-1058, Bridge Replacement on Wildie Road (CR-1071) Over Clear Creek in Rockcastle County, KY completed August 2014. The United States Fish and Wildlife Service (USFWS) agreed to our proposed terms and conditions on August 14, 2014. Any modification to these terms will need to be coordinated with USFWS.

### PROPOSAL BID ITEMS

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#### Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0010	00001		DGA BASE	81.00	TON		\$	
0020	00078		CRUSHED AGGREGATE SIZE NO 2	3.00	TON		\$	
0030	00221		CL2 ASPH BASE 0.75D PG64-22	111.00	TON		\$	
0040	00301		CL2 ASPH SURF 0.38D PG64-22	23.00	TON		\$	

#### Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0050	01000		PERFORATED PIPE-4 IN	100.00	LF		\$	
0060	01010		NON-PERFORATED PIPE-4 IN	20.00	LF		\$	
0070	01020		PERF PIPE HEADWALL TY 1-4 IN	2.00	EACH		\$	
0080	01987		DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	4.00	EACH		\$	
0090	02014		BARRICADE-TYPE III	6.00	EACH		\$	
0100	02159		TEMP DITCH	140.00	LF		\$	
0110	02160		CLEAN TEMP DITCH	140.00	LF		\$	
0120	02200		ROADWAY EXCAVATION	869.00	CUYD		\$	
0130	02210		BORROW EXCAVATION	26.00	CUYD		\$	
0140	02223		GRANULAR EMBANKMENT	91.00	CUYD		\$	
0150	02355		GUARDRAIL-STEEL W BEAM-S FACE A	100.00	LF		\$	
0160	02371		GUARDRAIL END TREATMENT TYPE 7	4.00	EACH		\$	
0170	02484		CHANNEL LINING CLASS III	390.00	TON		\$	
0180	02545		CLEARING AND GRUBBING 0.4 ACRES	1.00	LS		\$	
0190	02562		TEMPORARY SIGNS	77.50	SQFT		\$	
0200	02585		EDGE KEY	30.00	LF		\$	
0210	02599		FABRIC-GEOTEXTILE TYPE IV	273.00	SQYD		\$	
0220	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0230	02671		PORTABLE CHANGEABLE MESSAGE SIGN	2.00	EACH		\$	
0240	02701		TEMP SILT FENCE	140.00	LF		\$	
0250	02703		SILT TRAP TYPE A	2.00	EACH		\$	
0260	02704		SILT TRAP TYPE B	2.00	EACH		\$	
0270	02706		CLEAN SILT TRAP TYPE A	6.00	EACH		\$	
0280	02707		CLEAN SILT TRAP TYPE B	6.00	EACH		\$	
0290	02709		CLEAN TEMP SILT FENCE	140.00	LF		\$	
0300	02726		STAKING	1.00	LS		\$	
0310	02731		REMOVE STRUCTURE	1.00	LS		\$	
0320	05950		EROSION CONTROL BLANKET	350.00	SQYD		\$	
0330	05952		TEMP MULCH	1,900.00	SQYD		\$	
0340	05953		TEMP SEEDING AND PROTECTION	380.00	SQYD		\$	
0350	05963		INITIAL FERTILIZER	.06	TON		\$	
0360	05964		20-10-10 FERTILIZER	.10	TON		\$	
0370	05985		SEEDING AND PROTECTION	1,900.00	SQYD		\$	
0380	05992		AGRICULTURAL LIMESTONE	1.20	TON		\$	
0390	23274EN11F		TURF REINFORCEMENT MAT 1	446.00	SQYD		\$	
0400	24540		R/W MONUMENT TYPE 3	7.00	EACH		\$	

**PROPOSAL BID ITEMS**

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**Section: 0003 - BRIDGE**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0410	02231		STRUCTURE GRANULAR BACKFILL	393.00	CUYD		\$	
0420	02355		GUARDRAIL-STEEL W BEAM-S FACE A	100.00	LF		\$	
0430	02998		MASONRY COATING	59.00	SQYD		\$	
0440	03299		ARMORED EDGE FOR CONCRETE	40.00	LF		\$	
0450	08001		STRUCTURE EXCAVATION-COMMON	364.40	CUYD		\$	
0460	08002		STRUCTURE EXCAV-SOLID ROCK	122.00	CUYD		\$	
0470	08019		CYCLOPEAN STONE RIP RAP	145.00	TON		\$	
0480	08037		COFFERDAM	1.00	LS		\$	
0490	08100		CONCRETE-CLASS A	130.70	CUYD		\$	
0500	08104		CONCRETE-CLASS AA	36.00	CUYD		\$	
0510	08150		STEEL REINFORCEMENT	15,944.00	LB		\$	
0520	08151		STEEL REINFORCEMENT-EPOXY COATED	3,533.00	LB		\$	
0530	08665		PRECAST PC BOX BEAM CB33-48	420.00	LF		\$	
0540	08801		GUARDRAIL-STEEL W BEAM-S FACE BR	168.00	LF		\$	

**Section: 0004 - DEMOBILIZATION**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0550	02569		DEMOBILIZATION	1.00	LS		\$	