



TRANSPORTATION CABINET

Frankfort, Kentucky 40622
www.kentucky.gov

Ernie Fletcher
Governor

Bill Nighbert
Secretary

Marc Williams
Commissioner of Highways

June 1, 2007

CALL NO. 100
CONTRACT ID NO. 071225
ADDENDUM # 1

Subject: Jefferson County, NH 265-3 (018)
Letting June 22, 2007

- (1) Revised - Plan Sheet - R2A
- (2) Revised - Proposal Sheet - Special Note for Mandatory
Pre-Bid Conference - Page 21 of 336
- (3) Revised - Proposal Sheets - Right-of-Way Certification Form
Pages 65-66 of 336
- (4) Revised - Proposal Sheets - Quality Requirements - Pages 88-91(a) of 336
- (5) Revised - Proposal Sheets - Bid Items - Pages 321-329 of 336
- (3) Revised - Proposal Sheet - Certification of Bid Proposal - Last Page

Plan sheet revisions are mailed to all plan holders.

Proposal revisions are available at <http://transportation.ky.gov/contract/>.

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

Sincerely,

Steve Waddle
Director
Division of Construction Procurement

Enclosures
SW:ks

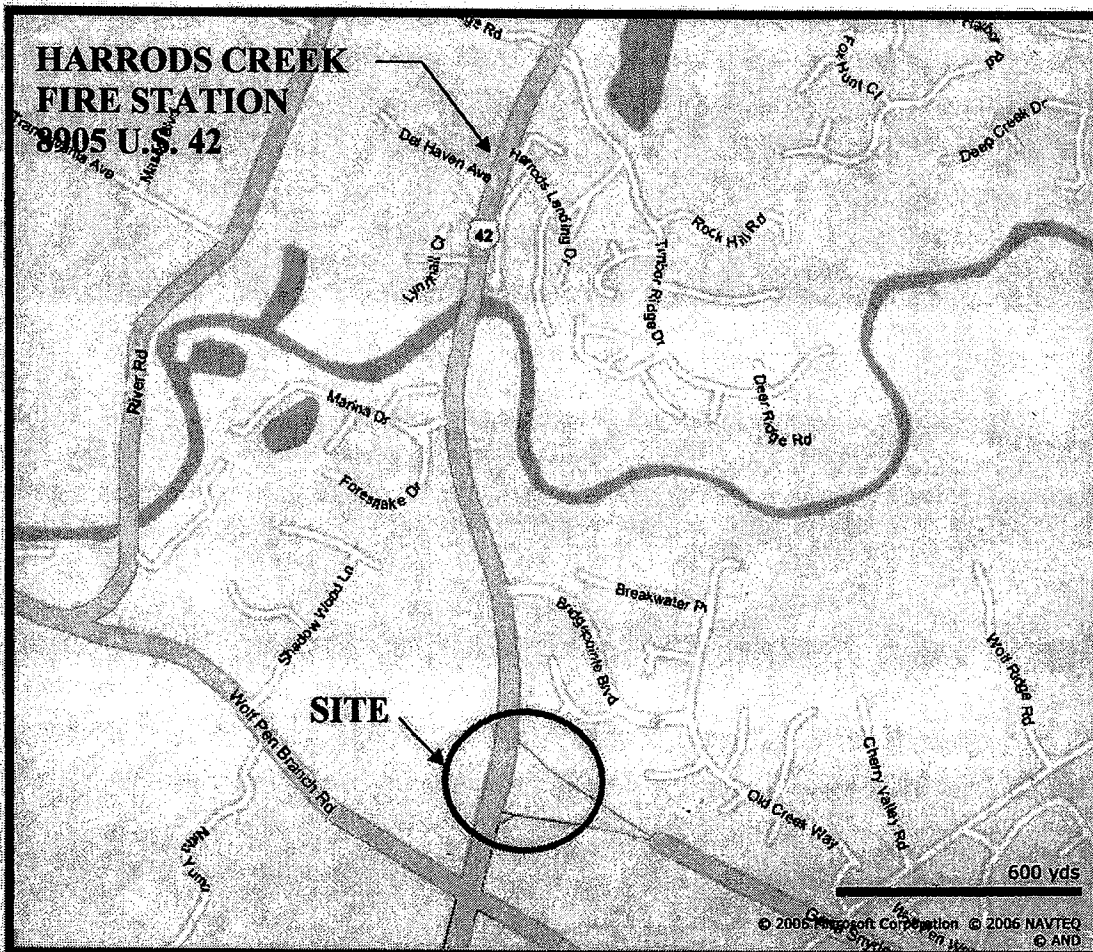
Jefferson County
NH-2653 (018)
Item No. 5-731.00
Exploratory Tunnel and Access Ramp

SPECIAL NOTE FOR MANDATORY PRE-BID CONFERENCE

A mandatory Pre-Bid Conference for the Exploratory Tunnel and Access Ramp project has been scheduled for Thursday, May 24, 2007 at 1:00 p.m. Eastern time. The Pre-Bid Conference will be held at the Harrods Creek Fire Department in Prospect, Kentucky. The Harrods Creek Fire Department is located at 8905 US Highway 42, Prospect, Kentucky 40059.

Cabinet Personnel and Design Team Consultants will be available for an in-field site visit of the project at 3:00 p.m. on May 24, 2007, following the Mandatory Pre-Bid Conference.

LOCATION MAP



Right-of-Way Certification Form

Federal Funded

State Funded

This form must be completed and submitted to FHWA with the PS&E package for federal-aid funded Interstate, Appalachia, and Mega projects. This form shall also be submitted to FHWA for all federal-aid projects that fall under conditions No. 2 & 3 outlined elsewhere in this form. For all other federal-aid projects, this form shall be completed and retained in the KYTC project file.

Date: April 20, 2007

Project #:

Item #: 5-731.00

Letting Date: June 22, 2007

County: JEFFERSON

Federal #: NH-2653 (018)

Projects that require **NO** new or additional right-of-way acquisitions and/or relocations

The proposed transportation improvement will be built within the existing rights-of-way and there are no properties to be acquired, individuals and families ("relocatees") to be relocated, or improvements to be removed as a part of this project. See Note No. 1 below.

Projects that require new or additional right-of-way acquisitions and/or relocations

Per 23 CFR 635.309, the KYTC hereby certify that all relocatees have been relocated to decent, safe, and sanitary housing or that KYTC has made available to relocatees adequate replacement housing in accordance with the provisions of the current FHWA directive(s) covering the administration of the Highway Relocation Assistance Program and that at least one of the following three conditions has been met. (Check those that apply.)

1. All necessary rights-of-way, including control of access rights when applicable, have been acquired including legal and physical possession. Trial or appeal of cases may be pending in court but legal possession has been obtained. There may be some improvements remaining on the right-of-way, but all occupants have vacated the lands and improvements, and KYTC has physical possession and the rights to remove, salvage, or demolish these improvements and enter on all land. Fair market value has been paid or deposited with the court.

2. Although all necessary rights-of-way have not been fully acquired, the right to occupy and to use all rights-of-way required for the proper execution of the project has been acquired. Trial or appeal of some parcels may be pending in court and on other parcels full legal possession has not been obtained, but an interlocutory judgment has been granted, the occupants of all lands and improvements have vacated, and KYTC has physical possession and right to remove, salvage, or demolish these improvements. Fair market value has been paid or deposited with the court for most parcels. Fair market value for all pending parcels will be paid or deposited with the court prior to start of construction. (See note.)

Note: The KYTC shall re-submit a right-of-way certification form for this project prior to the start of construction, verifying that fair market value for all parcels has been paid or deposited with the court.

Right-of-Way Certification Form



3. The acquisition or right of occupancy and use of a few remaining parcels are not complete and/or some parcels still have occupants. However, all remaining occupants have had replacement housing made available to them in accordance with 49 CFR 24.204. The KYTC is hereby requesting authorization to advertise this project for bids and to proceed with physical construction even though the necessary rights-of-way will not be fully acquired and/or some occupants will not be relocated, and/or the fair market value will not be paid or deposited with the court for some parcels at the start of construction. KYTC will fully meet all the requirements outlined in 23 CFR 309(c) (3) and 49 CFR 102(f) and will expedite completion of all acquisitions, relocations, and full payments after construction starts. A full explanation and reason for this request, including identification of each such parcel and dates on which acquisitions, payments, and relocations will be completed, is attached to this certification form for FHWA consideration and approval. (See note.)

Note: The KYTC may request authorization on this basis only in unique and unusual circumstances. Proceeding to construction of projects on this basis shall be the exception and never become the rule. In all FHWA-approved cases, the KYTC shall make extraordinary efforts to expedite completion of the acquisition, payment for all affected parcels, and the relocation of all relocatees promptly 30 days after start of construction.

NOTE NO. 1:

This project is Section 4B of the Louisville-Southern Indiana-Ohio River Bridges Project and consists of an Exploratory Tunnel and Access Ramp.

The Access Ramp construction is within existing rights of way. The Exploratory Tunnel is for geotechnical and geophysical investigations and doesn't require right-of-way as per KRS 416.560 (4).

Approved: [Signature] 4-20-07 District ROW Supervisor
Printed Name Approved

Approved: [Signature] 04-20-07 Director of ROW & Utilities or Designee
Printed Name Approved

Approved: [Signature] 5/10/07 FHWA, Right-of-Way Officer
Printed Name Approved

SECTION 01 40 00
QUALITY REQUIREMENTS

PART 1 GENERAL

1.1 SUMMARY

- A. Quality control and control of installation
- B. Tolerances
- C. References
- D. Testing and inspection services
- E. Manufacturers' field services

1.2 QUALITY CONTROL AND CONTROL OF INSTALLATION

- A. Monitor quality control over suppliers, manufacturers, products, services, site conditions, and workmanship, to produce Work of specified quality.
- B. Comply with manufacturers' recommended installation procedures.
- C. When manufacturers' procedures conflict with Contract Documents, request clarification from Engineer before proceeding.
- D. Comply with specified standards as minimum quality for the Work except where more stringent tolerances, codes, or specified requirements indicate higher standards or more precise workmanship.
- E. Perform Work by persons qualified to produce required and specified quality.
- F. Verify field measurements are as indicated on Working Drawings or as directed by manufacturer.

1.3 TOLERANCES

- A. Monitor fabrication and installation tolerance control of materials to produce acceptable Work. Do not permit tolerances to accumulate.
- B. Comply with manufacturers' tolerances. When manufacturers' tolerances conflict with Contract Documents, request clarification from Engineer before proceeding.

1.4 REFERENCES

- A. For products or workmanship specified by associations, trades, or other consensus standards, comply with their standard requirements, except when more rigid requirements are specified or are required by applicable codes.
- B. Conform to reference standard by date of issue current on date of Contract Documents, except where specific date is established by code.
- C. Obtain copies of standards where required by product specification sections.
- D. When specified reference standards conflict with Contract Documents, request clarification from Engineer before proceeding.
- E. Contractual relationships, duties, responsibilities of parties in Contract, responsibility of the Engineer shall not be altered from the Contract Documents by mention or inference otherwise in reference documents.
- F. Special Note for Submittal Procedures

1.5 TESTING AND INSPECTION SERVICES

- A. Employ and pay for services of an independent testing agency or laboratory acceptable to Cabinet to perform specified testing.
 - 1. Prior to start of Work, submit testing laboratory name, address, and telephone number, and names of full time registered Engineer, technician or responsible officer.
 - 2. Submit copy of report of laboratory facilities inspection made by Materials Reference Laboratory of National Bureau of Standards during most recent inspection, with memorandum of remedies of deficiencies reported by inspection.
- B. The independent testing agency or laboratory will perform tests, inspections and other services specified in individual specification sections and as required by the Engineer.
 - 1. Laboratory: Authorized to operate in Commonwealth of Kentucky.
 - 2. Laboratory Staff: Maintain full time registered Engineer on staff to review services.
 - 3. Testing Equipment: Calibrated at reasonable intervals with devices of accuracy traceable to National Bureau of Standards or accepted values of natural physical constants.
- C. Testing, inspections and source quality control may occur on or off project site. Perform off-site testing as required by Engineer.
- D. Reports and data shall be submitted by an independent testing agency or laboratory to the Engineer and Contractor, per requirements of Special Note for Submittal Procedures indicating observations and results of tests and indicating compliance or non-compliance with Contract Documents.
 - 1. Submit final report indicating correction of Work previously reported as non-compliant.

- E. Cooperate with independent testing agency or laboratory; furnish samples of materials, design mix, equipment, tools, storage, safe access, and assistance by incidental labor as requested.
1. Notify Engineer and independent testing agency or laboratory 12 hours prior to expected time for operations requiring services.
 2. Make arrangements with independent testing agency or laboratory and pay for additional samples and tests required for Contractor's use.
- F. Testing and employment of testing agency or laboratory shall not relieve Contractor of obligation to perform Work in accordance with requirements of Contract Documents.
- G. Re-testing or re-inspection required because of non-conformance to specified requirements shall be performed by same independent testing agency or laboratory on instructions by Engineer. Payment for re-testing or re-inspection will be charged to Contractor by deducting testing charges from Contract Price.
- H. Independent Inspection Agency or Laboratory Responsibilities:
1. Test samples of mixes submitted by Contractor.
 2. Provide qualified personnel at site. Cooperate with Engineer and Contractor in performance of services.
 3. Perform specified sampling and testing of products in accordance with specified standards.
 4. Ascertain compliance of materials and mixes with requirements of Contract Documents.
 5. Promptly notify Engineer and Contractor of observed irregularities or non-conformance of Work or products.
 6. Perform additional tests required by Engineer.
- I. Independent Inspection Agency or Laboratory Reports: After each test, promptly submit copies of report to Engineer and Contractor per Special Note Submittal Procedures. When requested by Engineer, provide interpretation of test results. Include the following:
1. Date issued
 2. Project title and number
 3. Name of inspector
 4. Date and time of sampling or inspection
 5. Identification of product and specifications section
 6. Location in Project
 7. Type of inspection or test
 8. Date of test
 9. Results of tests
 10. Conformance with Contract Documents
- J. Limits On Testing Authority:
1. Independent Inspection Agency or laboratory may not release, revoke, alter, or enlarge on requirements of Contract Documents.
 2. Independent Inspection Agency or laboratory may not approve or accept any portion of the Work.
 3. Independent Inspection Agency or laboratory may not assume duties of Contractor.

4. Independent Inspection Agency or laboratory has no authority to stop the Work.

1.6 MANUFACTURERS' FIELD SERVICES

- A. When specified in individual specification sections, require material or product suppliers or manufacturers to provide qualified staff personnel to observe site conditions, conditions of surfaces and installation, quality of workmanship and to initiate instructions when necessary.
- B. Submit qualifications of observer to Engineer 30 days in advance of required observations. Observer subject to approval of Engineer.
- C. Report observations and site decisions or instructions given to applicators or installers that are supplemental or contrary to manufacturers' written instructions.

1.7 MEASUREMENT AND PAYMENT

- A. The Cabinet will measure this work by lump sum, including all work as described in Section 113 – Quality Control/Quality Assurance, of the Standard Specifications, and in addition the work described in this supplemental specification.
- B. Payment
 - 1. The Cabinet will make payment for the completed and accepted quantities under the following:

| <u>Code</u> | <u>Payment Item</u> | <u>Pay Unit</u> |
|-------------|-----------------------|-----------------|
| --- | QC-Exploratory Tunnel | Lump Sum |

PART 2 PRODUCTS – NOT USED

PART 3 EXECUTION

3.1 The Contractor shall take responsibility for the quality of construction and materials incorporated into the work. Perform all quality control inspection, sampling and testing of materials incorporated as part of the exploratory tunnel construction. The Cabinet may use the verified results of the contractor's inspection, sampling, and testing as part of its acceptance procedures provided the contractor maintains a Department – approved Quality Control Plan (QCP).

- A. The Contractor shall perform the requirements as stipulated in Section 113 – Quality Control / Quality Assurance in the Department's Standard Specifications for all work associated with the exploratory tunnel.**
- B. In addition to the requirements as stipulated in Section 113 – Quality Control / Quality Assurance in the Department's Standard Specifications, the Contractor shall perform the measures as outlined in this Supplemental Specification 01 40 00 – Quality Requirements.**

3.2 EXAMINATION

- A. Verify existing site conditions and substrate surfaces are acceptable for subsequent Work. Starting new Work means prior acceptance by the Engineer of existing conditions.**
- B. Verify existing substrate is capable of new Work being applied or attached.**
- C. Examine and verify specific conditions described in individual specification sections are completed prior to starting new work.**
- D. Verify utility services are available, in proper working order and in correct locations.**

END OF SECTION

TRANSPORTATION CABINET

Department of Highways

FRANKFORT, KY 40622

Sheet No: 1

Contract ID: 07-1225

JEFFERSON COUNTY

NH 265-3 (018)

Letting: 6/22/07

THE BIDDER MUST MAKE THE EXTENSIONS AND ADDITIONS
SHOWING TOTAL AMOUNT BID USING FIGURES ONLY

| Item No. | Code No. | Item | Approximate Quantity | Unit | Unit Price Dollars | Amount Dollars |
|----------|----------|---|----------------------|------|--------------------|----------------|
| | | PAVING | | | | |
| 0010 | 00003 | CRUSHED STONE BASE | 429.00 | TON | | |
| 0020 | 00020 | TRAFFIC BOUND BASE | 700.00 | TON | | |
| 0030 | 00190 | LEVELING & WEDGING PG64-22 | 216.00 | TON | | |
| 0040 | 00221 | CL2 ASPH BASE 0.75D PG64-22 | 169.00 | TON | | |
| 0050 | 02069 | JPC PAVEMENT-10 INCH | 543.00 | SQYD | | |
| | | ROADWAY | | | | |
| 0060 | 02014 | BARRICADE-TYPE III | 4.00 | EACH | | |
| 0070 | 02159 | TEMPORARY DITCH | 1,295.00 | LF | | |
| 0080 | 02200 | ROADWAY EXCAVATION | 110,059.00 | CUYD | | |
| 0090 | 02203 | STRUCTURE EXCAV-UNCLASSIFIED | 585.00 | CUYD | | |
| 0100 | 02242 | WATER FOR DUST CONTROL | 139.00 | MGAL | | |
| 0110 | 02275 | FENCE-8 FT CHAIN LINK TO RESTRICT ACCESS TO WORKSITE | 1,628.00 | LF | | |
| 0120 | 02287 | DOUBLE VEHICULAR CHAIN LINK GATE | 2.00 | EACH | | |
| 0130 | 02545 | CLEARING AND GRUBBING 3.2 ACRES | 1.00 | LS | | |
| 0140 | 02562 | SIGNS | 259.00 | SQFT | | |
| 0150 | 02650 | MAINTAIN & CONTROL TRAFFIC | 1.00 | LS | | |
| 0160 | 02726 | STAKING | 1.00 | LS | | |
| 0170 | 02894 | CRASH CUSHION TYPE VI-T | 1.00 | EACH | | |
| 0180 | 03171 | CONCRETE BARRIER WALL TYPE 9T | 614.00 | LF | | |
| 0190 | 05952 | TEMPORARY MULCH | 1,604.00 | SQYD | | |
| 0200 | 05953 | TEMP SEEDING AND PROTECTION | 1,604.00 | SQYD | | |
| 0210 | 08104 | CONCRETE-CLASS AA | 178.00 | CUYD | | |
| 0220 | 08150 | STEEL REINFORCEMENT | 10,546.00 | LB | | |
| 0230 | 10020NS | FUEL ADJUSTMENT | 8,254.00 | DOLL | 1.0000 | 8,254.00 |

TRANSPORTATION CABINET

Department of Highways

FRANKFORT, KY 40622

Sheet No: 2

Contract ID: 07-1225

JEFFERSON COUNTY

NH 265-3 (018)

Letting: 6/22/07

THE BIDDER MUST MAKE THE EXTENSIONS AND ADDITIONS
SHOWING TOTAL AMOUNT BID USING FIGURES ONLY

| Item No. | Code No. | Item | Approximate Quantity | Unit | Unit Price Dollars | Amount Dollars |
|----------|------------|--|----------------------|------|--------------------|----------------|
| 0240 | 22188EN | VISUAL BARRIER FENCE-8 FT TO PROVIDE VISUAL BARRIER AT BRIDGEPOINTE (STOCKADE FENCE) | 1,255.00 | LF | . | . |
| 0250 | 22580NN | QC-EXPLORATORY TUNNEL (ADDED: 5-30-07) DRAINAGE | 1.00 | LS | . | . |
| 0260 | 00440 | ENTRANCE PIPE-15 INCH | 48.00 | LF | . | . |
| 0270 | 00464 | CULVERT PIPE-24 INCH | 40.00 | LF | . | . |
| 0280 | 02483 | CHANNEL LINING CLASS II | 1,176.00 | TON | . | . |
| 0290 | 02484 | CHANNEL LINING CLASS III | 96.00 | TON | . | . |
| 0300 | 02701 | TEMPORARY SILT FENCE | 360.00 | LF | . | . |
| 0310 | 02703 | SILT TRAP TYPE A | 6.00 | EACH | . | . |
| 0320 | 02704 | SILT TRAP TYPE B | 4.00 | EACH | . | . |
| 0330 | 02706 | CLEAN SILT TRAP TYPE A | 18.00 | EACH | . | . |
| 0340 | 02707 | CLEAN SILT TRAP TYPE B | 12.00 | EACH | . | . |
| 0350 | 02709 | CLEAN TEMPORARY SILT FENCE | 1,080.00 | LF | . | . |
| 0360 | 02711 | SEDIMENTATION BASIN | 1,755.00 | CUYD | . | . |
| 0370 | 05950 | EROSION CONTROL BLANKET | 1,761.00 | SQYD | . | . |
| 0380 | 20496NS843 | SILT TRAP TYPE C | 2.00 | EACH | . | . |
| 0390 | 20497NS843 | CLEAN SILT TRAP TYPE C | 6.00 | EACH | . | . |
| 0400 | 22065NN | WEIR AND SKIMMER PLATE | 1.00 | LS | . | . |
| 0410 | 22437NN | BASIN PUMP | 1.00 | LS | . | . |
| 0420 | 22522ES213 | CLEAN SEDIMENTATION BASIN UTILITY | 6.00 | EACH | . | . |
| 0430 | 01081 | STEEL ENCASEMENT PIPE-24 INCH | 30.00 | LF | . | . |
| 0440 | 01099 | DUCTILE IRON PIPE-12 INCH | 845.00 | LF | . | . |
| 0450 | 01099 | DUCTILE IRON PIPE-12 INCH RESTRAINED JOINT | 260.00 | LF | . | . |

TRANSPORTATION CABINET

Department of Highways

FRANKFORT, KY 40622

Sheet No: 3

Contract ID: 07-1225

JEFFERSON COUNTY

NH 265-3 (018)

Letting: 6/22/07

THE BIDDER MUST MAKE THE EXTENSIONS AND ADDITIONS
SHOWING TOTAL AMOUNT BID USING FIGURES ONLY

| Item No. | Code No. | Item | Approximate Quantity | Unit | Unit Price Dollars | Amount Dollars |
|----------|------------|--|----------------------|------|--------------------|----------------|
| 0460 | 02606 | FIRE HYDRANT | 2.00 | EACH | . | . |
| 0470 | 03472 | TIE-IN 12 INCH | 1.00 | EACH | . | . |
| 0480 | 03532 | GATE VALVE-12 INCH | 4.00 | EACH | . | . |
| | | LIGHTING | | | . | . |
| 0490 | 20454NS835 | TEMPORARY LIGHTING | 1.00 | LS | . | . |
| | | GEOTECHNICAL INVESTIGATION | | | . | . |
| 0500 | 22233NN | TUNNEL VENT & UTIL-INSTALL | 1.00 | LS | . | . |
| 0510 | 22234EN | TUNNEL VENT & UTIL-DURING EXC | 1,800.00 | LF | . | . |
| 0520 | 22238NN | EXPLTRY PROBE HOLE DRILLING-SETUP | 50.00 | EACH | . | . |
| 0530 | 22239EN | EPHD-TOTAL LENGTH- 0 TO 50 FT | 1,000.00 | LF | . | . |
| 0540 | 22240EN | EPHD-TOTAL LENGTH- 50 TO 100 FT | 1,000.00 | LF | . | . |
| 0550 | 22241EN | EPHD-TOTAL LENGTH- 100 TO 200 FT | 4,000.00 | LF | . | . |
| 0560 | 22242EN | EPHD-TOTAL LENGTH- 200 TO 300 FT | 3,000.00 | LF | . | . |
| 0570 | 22243EN | EPHD-TOTAL LENGTH- 300 TO 400 FT | 1,000.00 | LF | . | . |
| 0580 | 22244EN | EXPLORATORY PROBE HOLE DRILLING GROUT | 10.40 | TON | . | . |
| 0590 | 22245NN | EXPLORATORY CORE HOLE DRILLING-SETUP | 30.00 | EACH | . | . |
| 0600 | 22246EN | ECHD-TOTAL LENGTH- 20 TO 50 FT | 235.00 | LF | . | . |
| 0610 | 22247EN | ECHD-TOTAL LENGTH- 50 TO 100 FT | 410.00 | LF | . | . |
| 0620 | 22248EN | ECHD-TOTAL LENGTH- 100 TO 200 FT | 892.00 | LF | . | . |
| 0630 | 22249EN | ECHD-TOTAL LENGTH- 200 TO 300 FT | 2,332.00 | LF | . | . |
| 0640 | 22250EN | ECHD-TOTAL LENGTH- 300 TO 400 FT | 1,555.00 | LF | . | . |
| 0650 | 22251EN | ECHD-COREHOLE GROUTING | 10.30 | TON | . | . |
| 0660 | 22252NN | WATER PRESSURE TESTING | 218.00 | EACH | . | . |
| 0670 | 22253NN | PWS-SUPPLY-INSTALL & OPERATE PERFORATED WATER SPRAYER | 3.00 | EACH | . | . |
| 0680 | 22254NN | PWS-MAINTAIN SINGLE INSTALLATION PERFORATED WATER SPRAYER | 22.00 | EACH | . | . |

TRANSPORTATION CABINET

Department of Highways

FRANKFORT, KY 40622

Sheet No: 4

Contract ID: 07-1225

JEFFERSON COUNTY

NH 265-3 (018)

Letting: 6/22/07

THE BIDDER MUST MAKE THE EXTENSIONS AND ADDITIONS
SHOWING TOTAL AMOUNT BID USING FIGURES ONLY

| Item No. | Code No. | Item | Approximate Quantity | Unit | Unit Price Dollars | Amount Dollars |
|----------|----------|--|----------------------|------|--------------------|----------------|
| 0690 | 22255NN | PWS-BASE INSTALLATION READER | 3.00 | EACH | . | . |
| | | PERFORATED WATER SPRAYER | | | | |
| 0700 | 22256EN | CROSS HOLE SEISMIC SURVEY CORE HOLES | 1,500.00 | LF | . | . |
| 0710 | 22257EN | CROSS HOLE SEISMIC SURVEY | 1,500.00 | LF | . | . |
| 0720 | 22258EN | DOWNHOLE TELEVIEWER SURVEY | 1,500.00 | LF | . | . |
| 0730 | 22259NN | ACCESS IN-TUNNEL ELEC RESISTIVITY SURVEY | 1.00 | LS | . | . |
| 0740 | 22260EN | GEOTECH INVESTIGATION HOLE GROUTING | 3.00 | TON | . | . |
| 0750 | 22261NN | TUNNEL PHOTOGRAPHIC SURVEY PHASE 1 | 1.00 | LS | . | . |
| | | PORTAL ROCK CUT AND IN-TUNNEL: SB 50+00 | | | | |
| | | TO SB 55+00 | | | | |
| 0760 | 22262NN | TUNNEL PHOTOGRAPHIC SURVEY PHASE 2 | 1.00 | LS | . | . |
| | | SB 55+00 TO SB 61+70 | | | | |
| 0770 | 22263NN | TUNNEL PHOTOGRAPHIC SURVEY PHASE 3 | 1.00 | LS | . | . |
| | | SB 61+70 TO SB 68+40 | | | | |
| 0780 | 22264NN | REPORTING AND ANALYSIS PHASE 1 | 1.00 | LS | . | . |
| | | PORTAL ROCK CUT AND IN-TUNNEL: SB 50+00 | | | | |
| | | TO SB 55+00 | | | | |
| 0790 | 22265NN | REPORTING AND ANALYSIS PHASE 2 | 1.00 | LS | . | . |
| | | SB 55+00 TO SB 61+70 | | | | |
| 0800 | 22266NN | REPORTING AND ANALYSIS PHASE 3 | 1.00 | LS | . | . |
| | | SB 61+40 TO SB 68+40 | | | | |
| 0810 | 22267NN | REPORTING AND ANALYSIS-FINAL | 1.00 | LS | . | . |
| 0820 | 22268EN | STEEL FIBER SHOTCRETE | 700.00 | SQFT | . | . |
| | | PORTAL FACE | | | | |
| 0830 | 22269NN | WEEP HOLE IN FIBER SHOTCRETE | 30.00 | EACH | . | . |
| | | PORTAL FACE | | | | |
| 0840 | 22270EN | ET MANDATORY SHOTCRETE WITHIN TY P SUPP | 1,080.00 | SQFT | . | . |
| 0850 | 22271EN | ET MANDATORY SHOTCRETE WITHIN TY M SUPP | 9,000.00 | SQFT | . | . |
| 0860 | 22272EN | ET SHOTCRETE WITHIN TY II-III & DS SUPRT | 34,020.00 | SQFT | . | . |
| 0870 | 22273EN | ET SHOTCRETE-WITHIN TY EBC SUPPORT | 10,975.00 | SQFT | . | . |
| 0880 | 22274EN | SPLMNLT SUPPORT WITHIN TY I-II-III DSS | 10,240.00 | SQFT | . | . |
| | | 3 INCHES | | | | |

TRANSPORTATION CABINET

Department of Highways

FRANKFORT, KY 40622

Sheet No: 5

Contract ID: 07-1225

JEFFERSON COUNTY

NH 265-3 (018)

Letting: 6/22/07

THE BIDDER MUST MAKE THE EXTENSIONS AND ADDITIONS
SHOWING TOTAL AMOUNT BID USING FIGURES ONLY

| Item No. | Code No. | Item | Approximate Quantity | Unit | Unit Price Dollars | Amount Dollars |
|----------|----------|--|----------------------|------|--------------------|----------------|
| 0890 | 22275EN | SPLMNTL SUPPORT WITHIN TY EBC SUPPORT 4 INCHES | 2,640.00 | SQFT | . | . |
| 0900 | 22276EN | SPLMNTL SUPPORT-FIBER SHOTCRETE | 25.00 | CUYD | . | . |
| 0910 | 22277NN | SURVEY TARGET-SUPPLY AND INSTALL PORTAL FACE | 10.00 | EACH | . | . |
| 0920 | 22278NN | SURVEY TARGET-INIT CALIBRATION READING PORTAL FACE | 10.00 | EACH | . | . |
| 0930 | 22279NN | SRF MON PT ARRAY-SUPPLY & INST 5-PT ARRY | 5.00 | EACH | . | . |
| 0940 | 22280NN | SRF MON PT ARRAY-INIT CALIBRATION READ | 5.00 | EACH | . | . |
| 0950 | 22281NN | SRF STLMNT MK-SUPPLY & INSTALL 4-PT ARRY | 8.00 | EACH | . | . |
| 0960 | 22282NN | SRF STLMNT MK-INIT CALIBRATION READING | 8.00 | EACH | . | . |
| 0970 | 22283NN | FLOWMETER-SUPPLY-INSTALL & MAINTAIN | 3.00 | EACH | . | . |
| 0980 | 22284NN | WEATHER STA-SUPPLY-INSTALL & MAINTAIN | 1.00 | EACH | . | . |
| 0990 | 22289NN | PIEZO SRF LVL IN EX WELLS | 15.00 | EACH | . | . |
| 1000 | 22291NN | DEEP BENCHMARK INTO ROCK | 1.00 | EACH | . | . |
| 1010 | 22292NN | CNVRG ARRY SRVY TGT-SUP & INST 5-PT ARRY | 25.00 | EACH | . | . |
| 1020 | 22293NN | CNVRG ARRY SRVY TGT-SUP & INST 6-PT ARRY | 30.00 | EACH | . | . |
| 1030 | 22294NN | CNVRG ARRY SRVY TGT-INIT RDING 5-PT ARRY | 25.00 | EACH | . | . |
| 1040 | 22295NN | CNVRG ARRY SRVY TGT-INIT RDING 6-PT ARRY | 30.00 | EACH | . | . |
| 1050 | 22296NN | CNVRG ARY TAPE EXTENSOMETER | 1.00 | EACH | . | . |
| 1060 | 22297NN | CNVRGE ARY TAPE EXTEN-SUP & INS 5-PT ARY TUNNEL 5 STATIONS WITH 5 PINS | 25.00 | EACH | . | . |
| 1070 | 22298NN | CNVRG ARY TAPE EXTEN-INITIAL RDING | 5.00 | EACH | . | . |
| 1080 | 22299NN | DUAL HT WIRE EXTEN-SUPPLY & INST 2 FT | 10.00 | EACH | . | . |
| 1090 | 22300NN | DUAL HT WIRE EXTEN-SUPPLY & INST 8 FT | 5.00 | EACH | . | . |
| 1100 | 22301NN | DUEL HT WIRE EXTEN-INIT RDING SUPPLY AND INSTALL, (HOLE DEPTH 16 FEET), ANCHORS AT 2, 7, 15FT WIRE | 5.00 | EACH | . | . |

TRANSPORTATION CABINET

Department of Highways

FRANKFORT, KY 40622

Sheet No: 6

Contract ID: 07-1225

JEFFERSON COUNTY

NH 265-3 (018)

Letting: 6/22/07

THE BIDDER MUST MAKE THE EXTENSIONS AND ADDITIONS
SHOWING TOTAL AMOUNT BID USING FIGURES ONLY

| Item No. | Code No. | Item | Approximate Quantity | Unit | Unit Price Dollars | Amount Dollars |
|----------|----------|---|----------------------|------|--------------------|----------------|
| 1110 | 22302NN | MULTI PT BREHOLE EXTEN-3 POINT SUPPLY AND INSTALL, (HOLE DEPTH 21 FEET), ANCHORS AT 2, 8, 20 FT WIRE | 2.00 | EACH | . | . |
| 1120 | 22303NN | MULTI PT BREHOLE EXTEN-3 PT INIT RDING | 2.00 | EACH | . | . |
| 1130 | 22304NN | MULTI PT BREHOLE EXTEN-4 POINT SUPPLY AND INSTALL, HOLE DEPTH 28 FEET, ANCHORS AT 2, 5, 18, 27FT WIRE | 9.00 | EACH | . | . |
| 1140 | 22305NN | MULTI PT BREHOLE EXTEN-4 PT INIT RDING | 9.00 | EACH | . | . |
| 1150 | 22306NN | PIEZOMETER-IN TUNNEL | 7.00 | EACH | . | . |
| 1160 | 22307NN | PIEZOMETER-IN TUNNEL-INIT RDING | 7.00 | EACH | . | . |
| 1170 | 22308NN | BOREHOLE INSPECTION CAMERA-SUPPLY | 1.00 | EACH | . | . |
| 1180 | 22309NN | ROCK BOLT TRIALS | 1.00 | LS | . | . |
| 1190 | 22310NN | AUTO RMT RDOUT TRANSDUCER-EXTENSOMET | 2.00 | EACH | . | . |
| 1200 | 22311NN | AUTO RMT RDOUT TRANS-IN-TUNNEL PIEZO | 7.00 | EACH | . | . |
| 1210 | 22312NN | AUTO RMT RDOUT TRANS-SRF PIEZO | 15.00 | EACH | . | . |
| 1220 | 22313NN | AUTOMATIC DATA ACQUISITION SYSTEM | 1.00 | EACH | . | . |
| 1230 | 22314EN | TUNNEL PORTAL SUPPORT TY P (MAND) | 30.00 | LF | . | . |
| 1240 | 22315EN | EXCV REQ SPT TY M (UNDER US42 MAND) | 250.00 | LF | . | . |
| 1250 | 22316EN | EXCV REQ SUPPORT TY I | 225.00 | LF | . | . |
| 1260 | 22317EN | EXCV REQ SUPPORT TY II | 275.00 | LF | . | . |
| 1270 | 22318EN | EXCV REQ SUPPORT TY III | 690.00 | LF | . | . |
| 1280 | 22319EN | EXCV REQ SUPPORT TY EBC | 250.00 | LF | . | . |
| 1290 | 22320EN | EXCV REQ SUPPORT TY DSS | 80.00 | LF | . | . |
| 1300 | 22321EN | DISCRETE ROCKFALLS 1.5 FT BEYOND A-LINE | 20.00 | CUYD | . | . |
| 1310 | 22322EN | INVERT CONCRETE | 11,650.00 | SQFT | . | . |
| 1320 | 22323NN | REMOVAL OF WATER-PUMPING-0 TO 15 GAL/MIN | 726.00 | EACH | . | . |
| 1330 | 22327NN | WATER TREATMENT | 1.00 | LS | . | . |
| 1340 | 22328EN | PIPE FOR DIV OF DISSOLUTION CH GW INFLOW | 500.00 | LF | . | . |

TRANSPORTATION CABINET

Department of Highways

FRANKFORT, KY 40622

Sheet No: 7

Contract ID: 07-1225

JEFFERSON COUNTY

NH 265-3 (018)

Letting: 6/22/07

THE BIDDER MUST MAKE THE EXTENSIONS AND ADDITIONS
SHOWING TOTAL AMOUNT BID USING FIGURES ONLY

| Item No. | Code No. | Item | Approximate Quantity | Unit | Unit Price Dollars | Amount Dollars |
|----------|----------|---|----------------------|------|--------------------|----------------|
| 1350 | 22329NN | ROUTINE OR INSTRUCTED ADD DRILLING SETUP | 181.00 | EACH | . | . |
| 1360 | 22330NN | ROUTINE OR INSTRUCT ADD GROUTING SETUP | 181.00 | EACH | . | . |
| 1370 | 22331EN | PROBE DRILLING-TOTAL LENGTH-0 TO 20 FT | 3,620.00 | LF | . | . |
| 1380 | 22332EN | PROBE DRILLING-TOTAL LENGTH-20 TO 100 FT | 75.00 | LF | . | . |
| 1390 | 22333EN | PROBE DRILLING-TOTAL LENGTH-100-150 FT | 2,400.00 | LF | . | . |
| 1400 | 22334EN | PROBE HOLE GROUTING | 6.30 | TON | . | . |
| 1410 | 22335NN | GROUT HOLE DRILLING SETUP | 6.00 | EACH | . | . |
| 1420 | 22336EN | GROUT HOLE DRILLING-DRILLING | 4,320.00 | LF | . | . |
| 1430 | 22337NN | GROUT HOLE GROUTING SETUP | 6.00 | EACH | . | . |
| 1440 | 22338EN | GROUT HOLE GROUTING-GROUTING | 121.30 | TON | . | . |
| 1450 | 22339NN | WATER PRESSURE TEST HOLES | 281.80 | EACH | . | . |
| 1460 | 22340EN | PORTAL FACES-PROTECTION MESH REINF | 4,410.00 | SQFT | . | . |
| 1470 | 22341NN | PORTAL FACES-STEEL ROCK BOLT-10 FT EMB | 120.00 | EACH | . | . |
| 1480 | 22342NN | PORTAL FACES-STEEL ROCK BOLT-20 FT EMB | 50.00 | EACH | . | . |
| 1490 | 22343EN | ET ROCK REINF IN TY P SUPRT @ PORTAL | 30.00 | LF | . | . |
| 1500 | 22344EN | ET ROCK REINF IN SUPPORT TY IV UNDER US 42 | 250.00 | LF | . | . |
| 1510 | 22345EN | ET ROCK REINF IN SUPPORT TY I | 225.00 | LF | . | . |
| 1520 | 22346EN | ET ROCK REINF IN SUPPORT TY II | 285.00 | LF | . | . |
| 1530 | 22347EN | ET ROCK REINF IN SUPPORT TY III | 770.00 | LF | . | . |
| 1540 | 22348EN | EXPL BAYS-ROCK REINF IN SUPRT TY EBC | 250.00 | LF | . | . |
| 1550 | 22349EN | CANOPY TUBES-EMBEDDED LGTH-0 TO 20 FT | 100.00 | LF | . | . |
| 1560 | 22350EN | CANOPY TUBES-EMBEDDED LGTH-20 TO 40 FT | 1,040.00 | LF | . | . |
| 1570 | 22351EN | SELF DRL RCK ANCHRS-EMBD LGTH-0 TO 20 FT | 2,160.00 | LF | . | . |
| 1580 | 22352EN | SELF DRL RCK ANCHRS-EMBD LGTH-20-40 FT | 100.00 | LF | . | . |
| 1590 | 22353EN | STEEL RIBS & ACCESSORIES | 20.00 | TON | . | . |
| 1600 | 22354EN | WELDED WIRE FABRIC | 2,878.40 | SQFT | . | . |

TRANSPORTATION CABINET

Department of Highways

FRANKFORT, KY 40622

Sheet No: 8

Contract ID: 07-1225

JEFFERSON COUNTY

NH 265-3 (018)

Letting: 6/22/07

THE BIDDER MUST MAKE THE EXTENSIONS AND ADDITIONS
SHOWING TOTAL AMOUNT BID USING FIGURES ONLY

| Item No. | Code No. | Item | Approximate Quantity | Unit | Unit Price Dollars | Amount Dollars |
|----------|----------|---|----------------------|------|--------------------|----------------|
| 1610 | 22355NN | FIBERGLASS ROCK BOLTS-8 FT EMBED LENGTH 50 INCLUDED FOR SUPPLEMENTAL SUPPORT | 130.00 | EACH | . | . |
| 1620 | 22356NN | FIBERGLASS ROCK BOLTS-10 FT EMBED LGTH | 50.00 | EACH | . | . |
| 1630 | 22357EN | SUPLEMNTL SUPRT-WELDED WIRE FABRIC | 2,500.00 | SQFT | . | . |
| 1640 | 22358EN | FIBERGLASS SPILES-EMBED LGTH-0 TO 20 FT | 200.00 | LF | . | . |
| 1650 | 22359EN | SUPPLEMENTAL SUPPORT-STEEL RIB SUPPORT | 0.50 | TON | . | . |
| 1660 | 22360EN | SELF DRL RCK DOWEL-EMBED LGTH-0-10 FT | 25.00 | LF | . | . |
| 1670 | 22361EN | SELF DRL RCK DOWEL-EMBED LGTH-10-20 FT | 25.00 | LF | . | . |
| 1680 | 22362EN | SELF DRL RCK DOWEL-EMBED LGTH-20-30 FT | 25.00 | LF | . | . |
| 1690 | 22363NN | SELF DRL RCK DOWEL-END ARCH ASSEMBLY | 5.00 | EACH | . | . |
| 1700 | 22364EN | CANOPY TUBES-EMBED LGTH-0-20 FT | 50.00 | LF | . | . |
| 1710 | 22365EN | CANOPY TUBES-EMBED LGTH-20-40 FT | 80.00 | LF | . | . |
| 1720 | 22366NN | CANOPY TUBES-END ARCH ASSEMBLY | 5.00 | EACH | . | . |
| 1730 | 22425NN | TUNNEL SAFETY MONITORING AND TRAINING | 1.00 | LS | . | . |
| 1740 | 22426NN | TUNNEL SAFETY EQUIPMENT AND MAINTENANQ | 1.00 | LS | . | . |
| 1750 | 22427NN | TUNNEL SURVEY | 1.00 | LS | . | . |
| | | MISCELLANEOUS | | | . | . |
| 1760 | 02570 | PROJECT CPM SCHEDULE | 1.00 | LS | . | . |
| 1770 | 02572 | QUALITY CONTROL | 1.00 | LS | . | . |
| 1780 | 20588NC | INSTALL PROJECT IDENTIFICATION SIGNS | 3.00 | EACH | . | . |
| 1790 | 22398NN | FORMAL PARTNERING | 10,000.00 | DOLL | 1.0000 | 10,000.00 |
| 1800 | 22420NN | FURNISH & INSTALL FIELD OFFICE | 1.00 | LS | . | . |
| 1810 | 22421NN | PORTAL SECURITY GATE | 1.00 | LS | . | . |
| 1820 | 22422NN | TEMPORARY SITE FACILITIES AND CONTROLS | 1.00 | LS | . | . |
| 1830 | 22423NN | MONTHLY MAINTENANCE & PROTECTION | 8.00 | EACH | . | . |
| 1840 | 22424NN | VISIT TO EXPLORATORY TUNNEL | 35.00 | EACH | . | . |
| 1850 | 22438NN | UTILITY BILLS | 15,000.00 | DOLL | 1.0000 | 15,000.00 |

TRANSPORTATION CABINET

Department of Highways

FRANKFORT, KY 40622

Sheet No: 9

Contract ID: 07-1225

JEFFERSON COUNTY

NH 265-3 (018)

Letting: 6/22/07

THE BIDDER MUST MAKE THE EXTENSIONS AND ADDITIONS
SHOWING TOTAL AMOUNT BID USING FIGURES ONLY

| Item No. | Code No. | Item | Approximate Quantity | Unit | Unit Price Dollars | Amount Dollars |
|------------------|----------|----------------------------------|----------------------|------|--------------------|----------------|
| | | DEMOBILIZATION &/OR MOBILIZATION | | | . | . |
| 1860 | 02568 | MOBILIZATION | 1.00 | LS | . | . |
| 1870 | 02569 | DEMOBILIZATION | 1.00 | LS | . | . |
| TOTAL BID | | | | | | \$. |

CERTIFICATION OF BID PROPOSAL / DBE

We (I) propose to furnish all labor, equipment and materials necessary to construct and/or improve the subject project in accordance with the plans, the Transportation Cabinet's Standard Specifications for Road and Bridge Construction, current edition, special provisions, notes applicable to the project as indicated herein and all addenda issued on this project subsequent to purchase of proposal.

We (I) attach a bid proposal guaranty as provided in the special provisions in an amount not less than 5% of the total bid. We agree to execute a contract in accordance with this bid proposal within 15 calendar days after the receipt of the notice of award for the project.

We (I) have examined the site of proposed work, project plans, specifications, special provisions, and notes applicable to the project referred to herein. We understand that the quantities shown herein are estimated quantities subject to increase or decrease as provided in the specifications.

We (I) acknowledge receipt of all addendum(s) (if applicable) and have made the necessary revisions to the bid proposal. We have considered all addendum(s) in the calculation of the submitted bid and applied the updated bid items, which are included.

- Addendum # 1 – Plan Revision and Proposal – Revised Notes, Specifications, Right-of-Way Certification and Bid Items – May 30, 2007

“The bidder certifies that it has secured participation by Disadvantaged Business Enterprises (“DBE”) in the amount of _____ percent of the total value of this contract and that the DBE participation is in compliance with the requirements of 49 CFR 26 and the policies of the Kentucky Transportation Cabinet pertaining to the DBE Program.”

Name of Contracting Firm

BY: _____
Authorized Agent (Signature) Title

Address City State Zip Code

Telephone Number

When two or more organizations bid as a joint venture, enter names of each organization and an authorized agent for each organization must sign above.