



**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

Construction division
SUITE 700, JAMES K. POLK BUILDING
505 DEADERICK STREET
NASHVILLE, TN 37243
(615) 741-2848

JOHN C. SCHROER
COMMISSIONER

BILL HASLAM
GOVERNOR

September 28, 2012

ADDENDUM #3

Re: Interchange at SR 222 (Exit 42) Fayette Co

Project # IM-40-1(328), 24001-0147-44, (PIN): 114219.00

CONTRACT NO. DB1201

To Whom It May Concern:

This addendum revises the RFP Contract Book 1 (ITDB) and the RFP Contract Book 3 (Project Specific Information). All changes are in red.

You must acknowledge this addendum by completing the "Addendum Letter Acknowledgement form C in RFP Contract Book 3 (Design-Build Contract) and in RFP Contract Book 2 (Design-Build Contract) on the Technical Proposal Signature Page (Form TPSP) within your Technical Proposal. It is the bidder's responsibility to notify all affected manufacturers, suppliers and subcontractors of this change.

Sincerely,

A handwritten signature in blue ink, appearing to read "Bill Haslam".

Construction Division

**DESIGN-BUILD
RFP CONTRACT BOOK 1
CONTRACT**

**TENNESSEE DEPARTMENT OF TRANSPORTATION
I-40**

Interchange at SR 222 (Exit 42)

Fayette County- TENNESSEE

PROJECT Identification Number (PIN): 114219.00

Project # IM-40-1(328), 24001-0147-44

CONTRACT NUMBER: DB1201



August 17, 2012

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Prohibited communications do not include contact with regulatory/county/city officials for the limited purpose of obtaining information regarding available detour routes and conditions associated with such use or regulatory/county/city guidelines.

5. **PROCUREMENT SCHEDULE/SUBMITTAL DEADLINES**

The Procurement Schedule and submittal deadlines are set out below. The Department will not consider requests on any submittal received by the Department after the deadline for its submittal date stated below. The Department will not consider requests on any submittals pertaining to an Addendum after the deadline established in the Addendum.

Deadline for Submittal of Alternate Technical Concepts	<i>September 7, 2012 3:00 p.m., CT.</i>
Deadline for Response to Alternate Technical Concepts	<i>September 14, 2012 3:00 p.m., CT.</i>
Deadline for Submittal of Question Requests, and Requests for QPL Determination	<i>September 21, 2012 3:00 p.m., CT.</i>
Anticipated Deadline for Issuance of Last Addendum	<i>October 5, 2012 3:00 p.m., CT.</i>
Technical Proposal Due Date and Time	<i>October 12, 2012 3:00 p.m., CT.</i>
Price Proposal Due Date and Time	<i>November 2, 2012 3:00 p.m., CT.</i>
Public Price Proposal Opening	<i>November 9, 2012 9:00 a.m., CT.</i>
Award of DB contract, or rejection of all proposal	<i>On or before November 26, 2012</i>
Anticipated Issuance of Initial Notice to Proceed	<i>December 14, 2012</i>

The Department will not consider any late Proposals. Proposals received after the Proposal Due Date will be returned to the unopened. The Department will not consider any Proposal modifications submitted after the Proposal Due Date. Nor will the Department acknowledge Proposal withdrawals submitted after the Proposal Due Date. Any such attempted withdrawal will be ineffective.

If the Design Builder does not submit a Proposal by the Due Date and the Department chooses to issue a new, revised, or modified RFP, the Proposal will be considered non-responsive to the requirements set forth herein. As a result, the Design Builder will not

**DESIGN-BUILD
RFP CONTRACT BOOK 3
PROJECT SPECIFIC INFORMATION**

TENNESSEE DEPARTMENT OF TRANSPORTATION

I-40

Interchange at SR 222 (Exit 42)

Fayette County- TENNESSEE

PROJECT Identification Number (PIN): 114219.00

Project # IM-40-1(328), 24001-0147-44

CONTRACT NUMBER: DB1201



August 17, 2012

Addendum #1 – September 14, 2012

Addendum #2 – September 25, 2012

Addendum #3 – September 28, 2012

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3. ROADWAY SCOPE OF WORK

The Design Builder shall preform all necessary survey updates, design and construction services necessary to construct the widening of State Route 222 as well as all ramp realignments associated with the grade separated intersection with I-40.

The Design builder shall preform all field surveys to support the roadway design and construction activities for the Project. The field surveys shall support activities, such as, but not limited to geotechnical investigations, right-of-way stakeout, and construction stakeout. The field surveys shall be performed in accordance with the latest version of TDOT Survey Manual.

The proposed widening of State Route 222 shall be designed and constructed to meet a 45-mph design speed for a rolling collector highway with flush medians and shall adhere to the latest editions of all appropriate TDOT Roadway Standard Drawings, TDOT Design Guidelines and Instructional Bulletins, TDOT Drainage Manual (updated 08-20-12), TDOT Design CADD Standards, AASHTO Policy on Geometric Design of Highways and Streets, and Manual of Uniform Traffic Control Devices. MicroStation and GEOPAK shall be used in the preparation of CADD files. Slopes shall be in accordance with the requirements of the roadway typical section as shown in TDOT Roadway Standard Drawings.

The Design Builder shall follow construction limits as shown on approved concept 5, and shall build a full 5 lane typical section on the north side to Thorpe Drive, graded and paved, but shall stripe it as shown on Concept 5A, referenced in Appendix C in this Contract Book 3.

All proposed ramp realignments associated with the grade separated intersection of I-40 and State Route 222 shall adhere to the latest editions of all appropriate TDOT Roadway Standard Drawings, TDOT Design Guidelines and Instructional Bulletins, TDOT Drainage Manual, TDOT Design CADD Standards, AASHTO Policy on Geometric Design of Highways and Streets, and Manual of Uniform Traffic Control Devices. MicroStation and GEOPAK shall be used in the preparation of CADD files.

Where practical the Design Builder should exceed minimum design standards.

The Design Builder shall ensure that all proposed work done to the ramps associated with the grade separated intersection of I-40 and State Route 222 is completed within existing right-of-way. The Design Builder shall also ensure that no additional ROW will be required from the tract(s) associated with Bethlehem U.M. Church and Hebron Cemetery. The Design Builder will be responsible for all ROW activities associated with widening State Route 222.

- required, the purpose of the activity, the activities involved and to determine facts pertinent to the activity.
- b) The Design Builder shall collect appropriate data for geotechnical evaluation of embankments, subgrade, soil and rock cuts, culverts, bridge and wall structures, noise barriers, storm water management structures and ponds, minor structures, including drainage pipes, and any other earth supported structures or elements of highway design and construction relevant to the project.
 - c) Prior to any geotechnical design submittal, the foundation design recommendation reports shall be sealed and signed by a Professional Engineer registered in the State of Tennessee who has completed a minimum of three geotechnical design projects of scope and complexity similar to that anticipated for this project. **Geotechnical recommendations and design submittals shall utilize using** the load and resistance factor design (LRFD) method and in accordance with the latest edition of the AASHTO LRFD Bridge Design Specifications.
 - d) The prequalified geotechnical firm shall also determine if additional subsurface information, other than that required and noted elsewhere in the Contract Documents, is required based upon the final roadway and structure designs. If a determination is made that additional subsurface information is required; the Design Builder shall perform all additional subsurface investigation and laboratory testing in accordance with the current Department Geotechnical Specifications, Material and Tests Division.
 - e) The Design Builder shall be responsible for obtaining the borings for all abutments, bents, piers, retaining wall foundation locations, and noise wall foundation locations where subsurface information is not sufficient or is warranted by variability in the geology. All borings shall be deep enough to show a complete soil and rock profile to the depth of the foundation-supporting layer.
 - f) The Design Builder shall provide geotechnical design and construction summaries that contain pertinent subsurface investigations, test, and engineering evaluations.
 - g) The Design Builder shall provide field quality control for all bridge foundations, retaining foundations and noise wall foundations including verifying subsurface conditions for drilled piers and bearing for shallow foundations.

6. RIGHT OF WAY SCOPE OF WORK

The Design-Builder, acting as an agent on behalf of the State of Tennessee Department of Transportation, shall provide right-of-way acquisition services for the Project. Right-of-way acquisition services shall include certified title reports, appraisal, appraisal review, negotiations, relocation assistance services, property management services, parcel closings and all related activities. All appraiser/s, appraisal reviewer/s and acquisition/relocation firms shall be selected from the Tennessee Department of Transportation Right of Way Office's pre-qualified list. TDOT will retain authority for approving just compensation, relocation benefits and claims, administrative settlements, court settlements and court awards. TDOT must issue a Notice to Proceed with Right-of-Way Acquisition to the Design-Builder prior to any offers being made to acquire the property. This represents a hold point in the Design-Builder's Baseline Schedule. TDOT must also issue a Notice to Proceed with Construction to the Design-Builder once the property has been acquired prior to commencing construction on the property. This also represents a hold point in the Design-Builder's Baseline Schedule. TDOT WILL be responsible for the actual purchase price paid to a landowner for right-of-way, including fee simple, or any

DATE: 09/27/12 FULL DEPTH DESIGN FOR HEBRON ROAD

ROUTE: I-40

COUNTY: FAYETTE

PROJ NO: 24001-1147-44

FED PROJ# IM-40-1(328)

DESCRIPTION: INTERCHANGE AT SR-222 (EXIT 42)

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ROADWAY DESIGN

REGION IV

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	DESCRIPTION	THICKNESS
411-01.10	ACS (PG64-22) GR "D"	1.25
307-01.08	AC MIX(PG64-22)GR "B-M2"	2.00
307-01.01	AC MIX(PG64-22)GR "A"	3.00
303-01	MINERAL AGG BASE GRA "D"	10.00
	TOTALS	16.25

REMARKS: 1) SHOULDER WIDTH IS 4 FT (SEE ROADWAY DESIGN GUIDELINE SEC. 3.125.05).
 2) USE ABOVE PAVEMENT DESIGN FOR THROPE ROAD

APPENDIX C

REFERENCE INFORMATION

- Preliminary plans http://www.tdot.state.tn.us/construction/DB1201_details.htm
- Survey data file in Micorstation http://www.tdot.state.tn.us/construction/DB1201_details.htm
- Existing Structure details http://www.tdot.state.tn.us/construction/DB1201_details.htm
- Environmental Document D-list C.E. http://www.tdot.state.tn.us/construction/DB1201_details.htm
- DB Geotechnical documents http://www.tdot.state.tn.us/construction/DB1201_details.htm
- Environmental Boundaries http://www.tdot.state.tn.us/construction/DB1201_details.htm
- Approved concept 5 http://www.tdot.state.tn.us/construction/DB1201_details.htm
- Concept 5A(for stripping) http://www.tdot.state.tn.us/construction/DB1201_details.htm