



Professional Services Procurement Bulletin 2008-05 Jefferson County I-265/I-71

COUNTY	Jefferson
ROUTE	I-265
DISTRICT	5 - Louisville
ITEM NO	5-68.00
PROJECT DESCRIPTION	Pre-design scoping study, preliminary engineering, and an Interchange Justification Study (IJS) or Interchange Modification Report (IMR) to determine and improve the future adequacy of the I-265/I-71 interchange and examine and improve capacity and safety issues on I-265 between Ky-22 and I-71.
PROJECT MANAGER	Paul Davis, P.E.
USER DIVISION	Highway Design
APPROXIMATE FEE	\$500,000 Scoping Study
PROJECT FUNDING	IM Federal Funds
PURPOSE AND NEED	Improve the future adequacy of the I-265/I-71 interchange and improve capacity and safety issues on I-265 between Ky-22 and I-71.
PROJECT LENGTH	Approximately 2.0 miles
METHOD OF DESIGN	The selected consultant shall utilize the CADD Standards for Highway Plans (version 2.08) policy in the development of the Highway Plans.
DBE REQUIREMENT	The consultant team shall include a DBE Participation Plan with their response to announcement. An additional page will be allowed with the project approach in the Response to Announcement to convey this plan. A maximum of 4 points will be considered in the evaluation factors for the DBE Participation Plan.

<p>SCOPE</p>	<p>The selected consultant shall provide preliminary engineering including an IJS or IMR and conduct preliminary engineering studies to determine the future adequacy of the I-265/I-71 interchange and examine the capacity and safety issues on I-265 between Ky-22 and I-71.</p> <p>This will include traffic flow analysis, typical section, line and grade, dependable cost estimates, identifying right of way and utility conflicts with possible mitigation, identifying drainage issues, traffic control considerations, necessary structure modifications and possible enhancements to overhead signing and pavement markings.</p> <p>Ultimate-build and interim-build options shall be considered for funding flexibility. These may include, but not be limited to, the following:</p> <ol style="list-style-type: none"> 1. Near-term (maintenance) Improvements 2. Short-term Improvements 3. Mid-term Improvements 4. Ultimate rebuild (long-term) Improvements <p>The Consultant shall be responsible for the preparation of an environmental overview.</p> <p>The selected Consultant shall provide location and phase I design to improve the future adequacy of the I-265/I-71 interchange and improve the capacity and safety issues on I-265 between Ky-22 and I-71.</p> <p>The Consultant will be responsible for the preparation for approval of the appropriate environmental document. The environmental document at this time is expected to be CE.</p> <p>Item 5-48.30 is the I-71/I-265 interchange reconstruction project scheduled for Design in 2011 and shall be considered through all phases. Effects of the I-265/Ky-22 interchange shall be considered.</p>
<p>SPECIAL INSTRUCTIONS</p>	<p>If the Department decides to finish phase I design and proceed with phase II final design for this project a new advertisement for services will be issued.</p>

AVAILABLE STUDIES	<u>Meeting Minutes - I-71 Improvements, Jefferson County, Item No. 5-48.01 & 48.02 - Project Team Meeting - Public Informational Meetings - KYTC, District 5 Office, Louisville, Kentucky</u> <u>September 8, 2005</u>
PHOTOGRAMMETRIC SERVICES	The Department will be responsible for obtaining aerial photography that is suitable for both the pre-design scoping study and phase I design.
STRUCTURE DESIGN	The selected consultant shall do the necessary engineering services to determine the preliminary sizes of bridges and other drainage structures. Prequalification in the area of structure design is not required to be identified in the consultant's Response to Announcement.
GEOTECHNICAL SERVICES	Department
TRAFFIC	The selected consultant shall utilize historical traffic information as available from the Traffic Counts System (CTS), which is accessible through the KYTC Division of Planning website: http://www.planning.kytc.ky.gov/data_reports.asp For KYTC review and approval, the consultant shall provide a growth factor. Mainline and ramp traffic volume and class projections within the project limits shall be included by the consultant. The consultant shall conduct traffic volume counts including vehicle classification counts as required. Data collected shall be provided in Department standard format. The selected consultant shall develop VISSIM or similar model to analyze existing conditions and alternates of the I-265/I-71 interchange and the respective interaction with the I-265/Ky-22 interchange. In accordance with FHWA practice, the Highway Capacity Manual (HCM) and/or Highway Capacity Software (HCS) shall be used to verify the results of VISSIM.
ENVIRONMENTAL	The selected consultant shall provide the appropriate NEPA documentation. Pre-qualification in the area of Environmental is required to be identified in the consultant's Response to Announcement.

RIGHT-OF-WAY	The selected consultant shall identify property owners and perform deed research within the project limits. Property owner information shall be shown on the plans along with existing right-of-way and property lines. Right-of-way Summary Sheets shall be developed for each alignment alternative.
UTILITY DESIGN	The selected consultant shall send project location maps to all potential Jefferson County utility contacts to determine whether they may have existing utilities within these project limits. The Department will provide the utility contact list. Facility atlas maps shall be retrieved from each confirmed utility within the project limits. Aerial carriers shall be field-verified. Sizes and types of existing underground and aerial utilities shall be identified for each alignment alternative. Copies of pertinent facility atlas maps shall be provided to the Department.
MAP	<u>Static Map</u> <u>Interactive Map</u>

PREQUALIFICATION REQUIREMENTS

<u>ROADWAY DESIGN</u>	<ul style="list-style-type: none"> • Rural Roadway Design • Urban Roadway Design • Surveying
<u>TRANSPORTATION PLANNING SERVICES</u>	<ul style="list-style-type: none"> • Traffic Forecasting
<u>ENVIRONMENTAL ARCHAEOLOGY AND OTHER SERVICES</u>	<ul style="list-style-type: none"> • Prehistoric • Historic • Highway Noise • Air Quality • Cultural Historic • Environmental Document Writing and Coordination • Socioeconomic
<u>AQUATIC/TERRESTRIAL ECOSYSTEMS</u>	<ul style="list-style-type: none"> • Fisheries • Macroinvertebrates • Water Quality • Botany • Zoology • Wetlands
<u>HAZMAT/UST</u>	<ul style="list-style-type: none"> • Preliminary Site Assessment

PROJECT SCHEDULE & MILESTONES

RESPONSE DATE	December 12, 2007 4:30 p.m. (Frankfort Time)
SELECTION COMMITTEE MEETING	January 9, 2007
PRE-DESIGN CONFERENCE	January 23, 2007
TENTATIVE DEADLINE FOR CONSULTANT FEE PROPOSAL	February 6, 2008
CONTRACT NEGOTIATIONS	March 5, 2008
NOTICE TO PROCEED	May 7, 2008
PDT PROJECT KICK-OFF MTG	June 1, 2008
ENVIRONMENTAL FOOTPRINT	September 1, 2008
ALT ALIGNMENTS READY FOR PDT REVIEW MTG	December 1, 2008
PDT MTG REVIEW ALIGNMENT ALTERNATIVES	February 1, 2009
DRAFT IJS SUBMITTAL	November 1, 2009
DRAFT SCOPING STUDY SUBMITTAL	November 1, 2009
APPROVAL OF DRAFT IJS / IMR BY FHWA	March 1, 2010
PDT MTG (DECIDE PREFERRED ALT)	April 1, 2010
SUBMIT ENVIRONMENTAL DOCUMENT	May 1, 2010
ENVIRONMENTAL APPROVAL	August 1, 2010

The selected consultant is expected to meet the scheduled milestone dates

EVALUATION FACTORS

1. Relative experience of consultant personnel assigned to project team with highway projects for KYTC and/or for federal, local or other state governmental agencies. (10 points)
2. Capacity to comply with project schedule. (10 points)
3. Past record of performance on projects of similar type and complexity. (10 points)
4. Project approach and proposed procedures to accomplish the services for the project. (10 points)
5. DBE Participation Plan (4 Points)
6. Consultant's Kentucky office where work is to be performed. (2 points)

75% - 100% of work accomplished in Kentucky offices - 2 points

26% - 74% of work accomplished in Kentucky offices - 1 point

0% - 25% of work accomplished in Kentucky offices - 0 points

SELECTION COMMITTEE MEMBERS

1. Paul Davis, P.E., User Division
2. Bob Farley, P.E., User Division
3. Shari Greenwell, Secretary's Pool
4. Matt Bullock, Secretary's Pool
5. George Blandford, Governor's Pool



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