



PROFESSIONAL SERVICES PROCUREMENT BULLETIN 2011-03 MARSHALL

COUNTY	Marshall
ROUTE	JC-9003 Julian M. Carroll Pkwy. at KY 348 Interchange
ITEM NO	1-8101.00
PROJECT DESCRIPTION	Phase II Design, Reconstruct Interchange
PROJECT MANAGER	Jim LeFevre, PE
USER DIVISION	Highway Design
APPROXIMATE FEE	\$500,000.00 SPB (Lump Sum Fee)
PROJECT FUNDING	SP and SPB with the possibility of Federal funds for construction.
PROJECT LENGTH	Mainline 1.0 mile
PURPOSE AND NEED	<p>The purpose of this project is to make the necessary improvements to the KY 348 interchanges at the Julian M. Carroll (Purchase) Parkway. This interchanges is on segment 6 of the I-69 corridor through Kentucky. This project improves safety and operational characteristics of all traffic entering and exiting the mainline resulting from the current restrictions while providing proper level of service in the design year.</p> <p>The existing facility was constructed in 1966 as a toll collection station requiring traffic to come to a stop condition for through and turning traffic. Turning movements utilized loop-type ramps with a minimal weaving section due to the full stop mainline operational design conditions. The operational conditions changed when tolls were removed allowing free flow traffic from both through and turning movements. This project improves safety and operational characteristics of all traffic entering and exiting the mainline resulting from the aforementioned restrictions while providing proper Level of Service in the design year.</p>

DBE REQUIREMENT	None	
METHOD OF DESIGN	The Selected Consultant shall utilize the current CADD Standards for Highway Plans policy in the development of the Highway Plans.	
SCOPE OF WORK		
<p>The selected consultant will provide engineering services for Phase II roadway design for the reconstruction of interchange. This shall include the preparation of any design studies, surveying, drainage design, right-of-way and utility plans, traffic control, erosion control, Advanced Situation Folders, Corps of Engineers permits and drawings, final roadway construction plans and structure plans with construction cost estimates.</p> <p>The consultant shall be prepared to provide solutions to eliminate the safety concerns with weaving conflicts. An in depth study is to be performed relative to phased construction over a number of years that would ultimately produce a diamond interchange that meets interstate standards. Ideas could include partial construction utilizing existing loop ramps with completion of full diamond at a later date when funding is available and capacity issues arise.</p> <p>The selected consultant is required to provide engineering services to perform an IJS with expected deliverable of preliminary interchange layouts and cost estimates (construction and right-of-way). Study limits are from Exit 41, US 641(Spur) in Benton to Exit 47, US 68 in Draffenville, along the J.M. Carroll (Purchase) Parkway.</p>		
SPECIAL INSTRUCTIONS		
<p>The Department may retain any of the services advertised here to perform in-house. The initial contract agreement will be for Phase II Final Roadway Design and related geotechnical. Structure Design services may be added to the contract agreement by contract modification.</p> <p>Instructions for Response to Announcement can be found at: http://transportation.ky.gov/progperform/instructions_for_response_to_kentucky_transportation_cabinet_6-9-09.pdf</p>		
AVAILABLE STUDIES		
<p>Phase I design plans. Alternate A Design Executive Summary with attachments. Traffic projections.</p> <p>http://transportation.ky.gov/progperform/Bull_2011-03/8101_Bulletin.zip</p>		
PHOTOGRAM-METRIC SERVICES	The Department will be responsible for obtaining the aerial photography and will furnish manuscripts on computer disks in DGN format.	
ENVIRONMENTAL	The Selected Consultant shall prepare Corps of Engineers Permits. All other Environmental work shall be done by Department.	
GEOTECHNICAL SERVICES	The Department will provide all Geotechnical Services required for the project.	
Professional Services Procurement Bulletin 2011-03	2	Marshall/JC 9003

STRUCTURE DESIGN	The selected consultant shall provide the necessary engineering services to submit an Advanced Situation Folder(s) to the KYTC for the appropriate applicable structure(s). The structure design will be performed by the Consultant. Structure Design Services may be added to the contract agreement by contract modification. Prequalification in the area of structure design is required to be identified in the Consultant's Response to Announcement.	
TRAFFIC	The selected consultant shall provide the necessary updated traffic projections and related information for Phase II.	
PREQUALIFICATION REQUIREMENTS		
To respond to this project, the project team must be prequalified in the following areas by the date of this advertisement.		
ROADWAY DESIGN	<ul style="list-style-type: none"> • Surveying • Urban Roadway Design 	
TRAFFIC ENGINEERING	<ul style="list-style-type: none"> • Traffic Engineering Services 	
TRANSPORTATION PLANNING	<ul style="list-style-type: none"> • Traffic Forecasting 	
STRUCTURE DESIGN	<ul style="list-style-type: none"> • Spans under 500 feet 	
PROCUREMENT SCHEDULE		
RESPONSE DATE	Wednesday, October 13, 2010 4:30 p.m. E.S.T. (Frankfort time)	
SELECTION COMMITTEE DATE	November 1, 2010	
PRE-DESIGN CONFERENCE	November 15, 2010	
TENTATIVE DEADLINE FOR CONSULTANT FEE PROPOSAL	December 1, 2010	
CONTRACT NEGOTIATIONS	January 15, 2011	
NOTICE TO PROCEED	February 15, 2011	
Professional Services Procurement Bulletin 2011-03	3	Marshall/JC 9003

PROJECT SCHEDULE

DRAFT IJS	June 1, 2011
FINAL IJS	August 1, 2011
JOINT INSPECTION	October 1, 2011
RIGHT-OF-WAY UTILITY PLANS	December 1, 2011
FINAL PLANS	June 1, 2012

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 project of similar type and complexity. (10 points)
4. Project approach and proposed procedures to accomplish the services for the project. (10 points)
5. Consultant's offices where work is to be performed. (2 points)

For state-funded projects, if a Selection Committee vote results in a tie between two (2) firms, one (1) of which will perform more of the work tasks in Kentucky than the other, then the former firm shall be ranked one (1) place ahead of the latter.

SELECTION COMMITTEE MEMBERS

1. Randy Williams, PE, User Division
2. David Martin, PE, User Division
3. Brian Meade, PE, Secretary's Pool
4. Joseph Plunk, PE, Secretary's Pool
5. Jim Shipp, PE, Governor's Pool

BENTON

