



PROFESSIONAL SERVICES PROCUREMENT BULLETIN 2010-03 METCALFE/KY 163

COUNTY	Metcalfe
ROUTE	KY 163
DISTRICT	3-Bowling Green
ITEM NO	3-8506.00
PROJECT DESCRIPTION	Preliminary Engineering for five (5) spot improvements on KY 163 and for a Western By-Pass of Edmonton from KY 163 south to US 68 north of Edmonton, connecting to the proposed US 68 interchange project (Item No. 3-8505.00) at the Louie B. Nunn Parkway.
PROJECT MANAGER	Jeff Moore
USER DIVISION	Division of Highway Design
APPROXIMATE FEE	\$275,000 -- Preliminary Engineering <u>\$300,000 -- Environmental</u> <u>\$750,000 -- estimated for Phase II Final Design and Structure Design</u>
PROJECT FUNDING	State Bond Funds-SPB
PROJECT LENGTH	3.70 miles
PURPOSE AND NEED	As part of the Kentucky primary highway network, KY 163 is a rural two-lane facility connecting KY 90 in southern Metcalfe County to the Louie B. Nunn Parkway by way of US 68 west of Edmonton. KY 163 is functionally classified as a "rural major collector" linking Metcalfe and Monroe counties to the National Highway System. The purpose of this project is to improve safety and to provide a reliable connection for motorists and commercial vehicles along KY 163 from the intersection with KY 90 to US 68 east of Edmonton, which will increase the potential for economic development in the community.
DBE REQUIREMENT	None

SCOPE OF WORK

The Selected Consultant will be required to provide engineering services for Phase I Preliminary Engineering to determine the typical section, line and grade, drainage, preliminary construction cost estimates and preparation for approval of the appropriate environmental document for these proposed spot improvements to KY 163 and the Western By-Pass of Edmonton. The environmental document at this time is expected to be an EA-FONSI.

The Selected Consultant will also be required to provide engineering services to perform Phase II Final Roadway Design, including the preparation of any design studies, drainage design, right-of-way plans, construction plans, traffic control plans and cost estimates.

The Selected Consultant will also be required to provide engineering services to perform Structure Design.

SPECIAL INSTRUCTIONS

The Department may retain any of the services advertised here to perform in-house. The purpose of the design contract is to provide Phase I Preliminary Engineering and Environmental Services and Phase II Final Roadway Design. The initial contract agreement will be for Phase I Preliminary Engineering and Environmental Services only. Phase II Final Roadway Design may be added by contract modification. Structure Design services may be added to the contract agreement by contract modification.

Instructions for Response to Announcement can be found at:

http://transportation.ky.gov/progperform/instructions_for_response_to_kentucky_transportation_cabinet_10-10-08.pdf

AVAILABLE STUDIES

[KY 163 Alternatives Study
http://www.planning.kytc.ky.gov/projects/projects/dist3/ky163_monroe/ky163monroe.asp](http://www.planning.kytc.ky.gov/projects/projects/dist3/ky163_monroe/ky163monroe.asp)

METHOD OF DESIGN

The Selected Consultant shall develop highway plans utilizing the most recent CADD Standards for Highway Plans policy.

PHOTOGRAMMETRIC SERVICES

The Department will be responsible for obtaining the aerial photography and will furnish manuscripts on computer disks in DGN format.

STRUCTURE DESIGN

If necessary, 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 Consultants Response to Announcement.

ENVIRONMENTAL	The Selected Consultant will provide any necessary Environmental Services. The environmental document at this time is expected to be an EA-FONSI
GEOTECHNICAL	The Department will provide all Geotechnical Services required for the project. Geotechnical Services will not be a part of the Selected Consultant's contract. If the Department requires Consultant services for Geotechnical in the future, an advertisement for services will be issued at that time.
UTILITY DESIGN	Not Required
TRAFFIC	Traffic projections and related information will be provided by the Department.
PREQUALIFICATION REQUIREMENTS	
To respond to this project, the project team must be prequalified in the following areas by the date of this advertisement.	
<u>ROADWAY DESIGN</u>	<ul style="list-style-type: none"> • Rural Roadway Design >\$250,000 • Surveying
<u>STRUCTURE DESIGN</u>	<ul style="list-style-type: none"> • Spans under 500 feet • Culvert Design
ENVIRONMENTAL AQUATIC & TERRESTRIAL ECOSYSTEMS ANALYSIS	<ul style="list-style-type: none"> • Macroinvertebrates • Water Quality • Botany • Zoology • Wetlands
ENVIRONMENTAL ARCHAEOLOGY AND OTHER SERVICES	<ul style="list-style-type: none"> • Prehistoric • Historic • Highway Noise • Air Quality Analysis • Socioeconomic Analysis • Cultural-Historic Analysis • EIS Writing and Coordination
ENVIRONMENTAL & UST SERVICES	<ul style="list-style-type: none"> • Hazmat Preliminary Site Assessment (Phase I) • UST Preliminary Site Assessment

PROJECT SCHEDULE & MILESTONES

The selected consultant is expected to meet the scheduled milestone dates.

RESPONSE DATE	October 14, 2009 4:30 p.m. E.S.T. (Frankfort time)
SELECTION COMMITTEE MEETING	October 28, 2009
PRE-DESIGN CONFERENCE	November 11, 2009
TENTATIVE DEADLINE FOR CONSULTANT FEE PROPOSAL	December 2, 2009
CONTRACT NEGOTIATIONS	December 9, 2009
NOTICE TO PROCEED	January 13, 2009
PRELIMINARY LINE AND GRADE INSPECTION	October 1, 2010
PHASE I PLANS	December 1, 2010

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 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. Deneatra Henderson, PE, User Division
2. Chuck Allen, PE, User Division
3. Jeff Jasper, PE, Secretary's Pool
4. Mike McGregor, PE, Secretary's Pool
5. James Lile, PE, Governor's Pool

KY 163 Metcalfe County 3-8506.00

