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COUNTY	Greenup	
ROUTE	KY 7	
DISTRICT	9-Flemingsburg	
ITEM NO	1060.00	
PROJECT DESCRIPTION	Replace bridge and approaches over Plum Fork (B24) 4.4 miles N. Jct. KY 827.	
PROJECT MANAGER	Darrin Eldridge	
USER DIVISION	Highway Design	
APPROXIMATE FEE	\$100,000	
PURPOSE AND NEED	<p>The primary purpose of this bridge replacement project is to replace the bridge and approaches on KY 7 over Plum Creek approximately 4.4 miles North of the junction with KY 827 in order to improve the safety of the traveling public. KY 7 is an important route for those wanting to access US 23 to the North, KY 10 to the East or West, and Interstate 64 in Olive Hill, KY. This project is needed because the existing structure has a sufficiency rating of 41.4/100.0, which indicates that it is deficient. KYTC's policy is to consider replacement of structures when their sufficiency rating falls below 50.0/100.0. The existing double barrel 10x10x54 feet reinforced concrete culvert is structurally deficient as evidenced by heavy erosion at the north upstream embankment. Poor channel alignment is forcing flow into the embankment and is encroaching upon the roadway. All normal flow is through the south barrel due to the silt/debris in the north barrel. Additionally, the south upstream and the north downstream wingwall is completely gone. A small scour hole (approximately 20 inches deep) is present at the outlet end of the south barrel. Barrels have moderately sized cracks in walls and ceilings, with some spalling and exposed steel. The south barrel walls have some areas of honeycombing. The inverts have areas of concrete erosion and the headwalls have areas of honeycombing and spalling with exposed steel.</p>	
PROJECT SCHEDULE & MILESTONES	RESPONSE DATE	March 29, 2005 4:30 P.M. Frankfort Time
	SELECTION COMMITTEE DATE FIRST MEETING	April 20, 2005

	PRE-DESIGN CONFERENCE	May 4, 2005
	TENTATIVE DEADLINE FOR CONSULTANT FEE PROPOSAL	May 18, 2005
	CONTRACT NEGOTIATIONS	June 1, 2005
	NOTICE TO PROCEED	June 15, 2005
	PRELIMINARY LINE & GRADE	April 1, 2006
	FINAL JOINT INSPECTION	November 1, 2006
	RIGHT OF WAY PLANS	March 1, 2007
	FINAL ROADWAY PLANS	October 1, 2008

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

EVALUATION FACTORS	<ol style="list-style-type: none"> 1. Relative experience of consultant personnel assigned to project team with highway projects for KTC, 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 offices where work is to be performed. (2 points) <p>75% - 100% of work accomplished in</p>
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		<p>Kentucky offices – 2 points</p> <p>26% - 74% of work accomplished in Kentucky offices – 1 point</p> <p>0% - 25% of work accomplished in Kentucky office - 0 points</p>
	<p>SELECTION COMMITTEE MEMBERS</p>	<ol style="list-style-type: none"> 1. Darrin Eldridge, User Division 2. Jim Simpson, User Division 3. Greg Meredith, Secretary's Pool 4. Patty Dunaway, Secretary's Pool 5. John Slone, Governor's Pool
DBE REQUIREMENT	None	
SPECIAL INSTRUCTIONS	<p>The Department reserves the option to modify the selected consultant's agreement to include any necessary services for this project. The firm(s) will be asked at that time for prequalifications by the Department in the required area(s).</p>	
SCOPE	<ol style="list-style-type: none"> 1. Conduct preliminary engineering studies to identify appropriate typical section, line and grade, and dependable cost estimate. The environmental document at this time is expected to be a CE Level 1 which will be done by district. 2. The selected Consultant will be required to provide engineering services to perform Phase II roadway design, including the preparation of any design studies, drainage design, right of way plans, construction plans, traffic control plans and cost estimates. 	
AVAILABLE KYTC STUDIES	N/A	
PROJECT LENGTH	0.1 Miles	

<p>METHOD OF DESIGN</p>	<p><input checked="" type="checkbox"/> CADD Capability (with DGN Intergraph Design File Format)</p> <p><input checked="" type="checkbox"/> CADD Based Automated Highway Design System</p> <p><input checked="" type="checkbox"/> Digital Terrain Modeling</p>
<p>ENVIRONMENTAL</p>	<p>Department shall perform Service.</p>
<p>PHOTOGRAMMETRIC SERVICES</p>	<p>Department shall perform Service.</p>
<p>STRUCTURE DESIGN</p>	<p>The selected consultant shall do the necessary engineering services to submit to the Kentucky Transportation Cabinet an Advance Situation folder(s) for the appropriate applicable structure(s). Upon submission of the folder(s), a determination will be made whether the structure design will be performed by the Department or by the consultant. Prequalification in the area of structure design is required to be identified in the consultant's Response to Announcement.</p>
<p>GEOTECHNICAL SERVICES</p>	<p>Department shall perform Service.</p>
<p>PROJECT FUNDING</p>	<p>Federal Funds</p>
<p>UTILITY DESIGN</p>	<p>The selected consultant may be requested to provide utility related services for this project, which may include construction inspection.</p>
<p>TRAFFIC</p>	<p>Traffic projections and related information will be provided by the Department.</p>
<p>PREQUALIFICATION REQUIREMENTS</p>	<p>The project team shall be prequalified in all areas as follows:</p> <p>ROADWAY DESIGN</p> <ul style="list-style-type: none"> ● Rural Roadway Design <\$250,000 ● Surveying

MAP

[KY 7 Map](#)