

COUNTY	Statewide
ROUTE	N/A
ITEM NO.	N/A
DISTRICT	Statewide
PROJECT DESCRIPTION	Three consultants will be selected to assist in the development of construction plans and/or documents, acquire necessary right of way, coordinate relocation of utilities, and prepare environmental documentation for Hazard Elimination System (HES) projects.
PROJECT MANAGER	Tom Napier, P. E.
USER DIVISION	Program Management
APPROXIMATE FEE	<\$300,000, estimated, per district, for work described in this bulletin, for a total of \$1.2 million for each contract.
PURPOSE AND NEED	To improve safety and eliminate known hazard locations as well as accelerate the delivery of HES projects.

PROJECT SCHEDULE & PROJECT SCHEDULE MILESTONES	RESPONSE DATE	Thursday, October 3, 2002, 4:30 p.m. (Frankfort time)
	SELECTION COMMITTEE DATE	October 16, 2002 10:00 a.m.
	PRE-DESIGN CONFERENCE	October 30, 2002
	TENTATIVE DEADLINE FOR CONSULTANT FEE PROPOSAL	N/A
	CONTRACT NEGOTIATIONS	N/A
	NOTICE TO PROCEED	November 16, 2002
	PROJECT MILESTONES	Will depend on project complexity and Departments' priority. It is expected that projects without right of way & utility requirements be prepared for an April 2003 letting. It is expected that projects with right of way & utility requirements be prepared for a July 2003 letting.
	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)
SELECTION COMMITTEE MEMBERS	<ol style="list-style-type: none"> 1. Dave Kratt, P. E., User Division 2. Tom Napier, P. E., User Division 3. David Jones, P. E., Secretary's Pool 4. Amos Hubbard, P. E., Secretary's Pool 5. Bill Gatewood, P. E., Governor's Pool
DBE REQUIREMENT	N/A
SPECIAL INSTRUCTIONS	<p>The Department reserves the option to modify the selected consultant's agreement to include any necessary engineering and/or related services for this project. The firm(s) will at that time be prequalified by the Department in the required area(s).</p>
SCOPE	<p>Three consultants will be selected and assigned by order of selection. Geographic location will be a consideration in the selection. A different consultant will be chosen for the following District groups:</p> <p>Districts 1, 2, 4, & 5, Districts 3, 7, 8, & 11, and Districts 6, 9, 10, & 12 for a total of three separate consultants. Each consultant will work with the project manager to prepare the selected projects for letting.</p> <p>Each District will be allotted a total of \$2 million for HES projects for ALL phases which includes everything necessary to prepare a project for letting (including design fees, R/W costs, utility costs) and construction. Each district may decide to do any number of projects to best utilize the \$2 million.</p> <p>The procedure expected for each selected project</p>

	<p>should be;</p> <ol style="list-style-type: none"> 1) Verify existing safety hazard 2) Determine solution within budgetary limits 3) Prepare appropriate environmental documentation and secure approvals for federally funded HES projects. We expect all projects to be a categorical exclusion. 4) Produce construction plans and/or documents (projects may be accomplished with proposal type documents). 5) Acquire necessary right of way and easements. 6) Coordinate relocation of utilities as required. <p>The project approach should include information and a management plan that clearly demonstrates the consultants ability to mobilize resources to deliver small projects efficiently.</p> <p>Consultants must be prequalified in the area of right-of-way acquisition with the Division of Right-of-Way.</p>
PAYMENT SCHEDULE	The selected consultants will be paid up to: 50% with delivery of right of way plans 75% with delivery of final plans 100% when project is let and awarded.
AVAILABLE KTC STUDIES	None
TENTATIVE HES PROJECTS	A tentative listing of proposed HES projects which may be awarded.
PROJECT LENGTH	Varies
METHOD OF DESIGN	<input checked="" type="checkbox"/> CADD Capability (with DGN Intergraph Design File Format) <input type="checkbox"/> CADD Based Automated Highway Design System <input checked="" type="checkbox"/> Digital Terrain Modeling
ENVIRONMENTAL	Services performed by the Consultant and coordinated with the Division of Environmental Analysis.
PHOTOGRAMMETRIC SERVICES	The selected consultants will be responsible for the necessary surveying and mapping.

STRUCTURE DESIGN	Pre-qualification in the area of structure design is required to be identified in the consultant's response to announcement. The selected consultants shall be responsible for all structural work. HES type projects typically do not require much structure design.
GEOTECHNICAL SERVICES	By the Department
PROJECT FUNDING	Federal HES program funding. HES projects must meet certain criteria including a total cost < \$1.5 million and a benefit/cost ratio >1.0 . The Transportation Cabinet has submitted a list of more than 100 projects to the FHWA that is eligible for HES funding.
UTILITY DESIGN	The selected consultant may be requested to provide utility related services for this project, which may include construction inspection. They will also be responsible for accurate location of utilities (horizontally and vertically).
TRAFFIC	By the Department. The selected consultant will also be provided with accident data for each project to utilize in the determination of the ultimate solution. Most projects have a suggested corrective measure such as add left turn lane, widen shoulder, etc. that was used in the determination of the benefit/cost ratio.
PREQUALIFICATION REQUIREMENTS	<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 ● Urban Roadway Design<\$250,000 ● Surveying <p>ENVIRONMENTAL SERVICES</p> <p>ARCHEOLOGY</p> <ul style="list-style-type: none"> ● Prehistoric ● Historic ● Highway Noise ● Air Quality Analysis ● Cultural Historic Analysis ● EIS Writing & Coordination ● Socioeconomic Analysis <p>AQUATIC/TERRESTRIAL ECOSYSTEMS</p> <ul style="list-style-type: none"> ● Fisheries ● Macroinvertebrates ● Water Quality ● Botany ● Zoology ● Wetlands <p>HAZMAT/UST</p> <ul style="list-style-type: none"> ● Preliminary Site Assessment

