

COUNTIES	STATEWIDE	
ROUTE	N/A	
ITEM NUMBER	N/A	
DISTRICT	STATEWIDE	
PROJECT DESCRIPTION	Develop plans and/or proposal construction documents for pavement rehabilitation projects on selected interstate, parkway, and arterial routes. Two consultants will be selected to provide these services.	
USER DIVISION	Highway Design	
APPROXIMATE FEE	<\$400,000 (each contract) including no more than 15% operating margin	
PROJECT MANAGER	Dan Hite, P.E.	
PURPOSE AND NEED	Rehabilitation of pavement on selected routes to improve structural and functional capacity.	
PROCUREMENT SCHEDULE	RESPONSE DATE	Tuesday, April 30, 2002, 4:30 p.m. (Frankfort time)
	SELECTION COMMITTEE DATE	May 15, 2002 11:00 a.m.
	PRE-DESIGN CONFERENCE	May 29, 2002
	TENTATIVE DEADLINE FOR CONSULTANT FEE PROPOSAL	June 12, 2002
	CONTRACT NEGOTIATIONS	June 25, 2002
	NOTICE TO PROCEED	July 17, 2002

**PROJECT SCHEDULE MILESTONES**

Will depend on project complexity and Department's priority.

Completion within 240 days following Notice to Proceed

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 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	<ol style="list-style-type: none"> <li>1. Dan Hite, P.E. User Division</li> <li>2. Paul Looney, P.E. User Division</li> <li>3. Amos Hubbard, P.E. Secretary's Pool</li> <li>4. Ananias Calvin, P.E. Secretary's Pool</li> <li>5. Joe Kearnes, P.E. Governor's Pool</li> </ol>
DBE REQUIREMENT	None
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> <p>Geotechnical services and bridge design services will be assigned by the Department on a project specific basis. A sub consultant for the geotechnical services will not be required to be identified in the consultant's response to announcement. If required, Geotechnical services are anticipated to be coring, soils strength for the pavement design and slope stability analysis.</p> <p>Two consultants shall be selected for these engineering services. The Transportation Cabinet reserves the right to contract with the No. 3 firm if future workloads indicate the need.</p> <p>Consultants should illustrate experience in performing engineering economic studies as part of these services.</p>

SCOPE

Agreements will be prepared to provide engineering services as needed for the development of plans and/or proposal construction documents. Required services will include all design engineering and studies required for the development of plans and/or construction proposal documents. The Department will provide the consultant with pavement design/rehabilitation concepts and construction strategies for rehabilitation of each roadway section. the scope of effort required may vary according to each project but typically should involve the following activities:

Preparation of a report comparing the existing geometrics with current AASHTO Standards and where practical, the geometric and safety standards in effect at the time the project was constructed. The consultant(s) will be responsible for making recommendations as to those geometric and safety deficiencies which can be economically corrected and those for which design exceptions will be required. The consultant is responsible for conducting the necessary studies and economic analyses to support these recommendations.

The development of detailed traffic control plans and construction phasing plans consistent with the pavement rehabilitation strategy and related activities.

The identification of substandard and/or obsolete safety items such as guardrail, guardrail end treatments, etc. Details for the repair, modification and/or replacement of these items shall be included in the plans and/or proposals for the project.

Investigate and document the functional adequacy of bridges within the project limits and develop strategies and design details for rehabilitation or replacement.

Develop and prepare plans and/or proposals as construction documents for letting these plans to contract.

The consultant(s) also will be required to attend project review meetings, research past records, and prepare necessary documentation to enable the department to comply with federal requirements for rehabilitation or reconstruction projects on the interstate and other National Highway System routes.

AVAILABLE KYTC STUDIES

None

PROJECT LENGTH

N/A

<p>METHOD OF DESIGN</p>	<p><input checked="" type="checkbox"/> CADD Capability (with DGN Design File Format)</p> <p><input type="checkbox"/> CADD Based Automated Highway Design System</p> <p><input checked="" type="checkbox"/> Digital Terrain Modeling</p>
<p>STRUCTURE DESIGN</p>	<p>The selected consultant shall do the necessary engineering services and submit to the Kentucky Transportation Cabinet an Advanced Situation Folder(s) for any required structure work. Upon approval of the Advanced Situation Folder(s) by the Kentucky Transportation Cabinet a contract modification should be processed with the selected consultant or consultant team for the structure design. Pre-qualification in the area of structure design is required to be identified in the consultant's Response to Announcement.</p>
<p>PROJECT FUNDING</p>	<p>Federal and state funds</p>
<p>PREQUALIFICATION REQUIREMENTS</p>	<p>The project team shall be prequalified in all areas as follows:</p>
	<p><u><a href="#">ROADWAY DESIGN</a></u></p> <ul style="list-style-type: none"> <li>● Rural Roadway Design &gt; \$250,000</li> <li>● Urban Roadway Design &gt;\$250,000</li> <li>● Surveying</li> </ul> <p><u><a href="#">STRUCTURE DESIGN</a></u></p> <ul style="list-style-type: none"> <li>● Spans under 500'</li> <li>● Culvert Design</li> </ul>