

## **PROJECT INFORMATION**

**COUNTY**

*Statewide*

**PROJECT DESCRIPTION**

*Develop plans and/or proposal construction documents for pavement rehabilitation projects on selected Interstate, Parkway, and arterial routes including Interstate widening/pavement rehabilitation projects involving minor right-of-way acquisition.*

**USER DIVISION**

*Highway Design*

**PROCUREMENT SCHEDULE**

<b>RESPONSE DATE</b>	<i>Thursday, November 13, 1997, 4:30 p.m. (Frankfort Time)</i>
<b>FIRST SELECTION COMMITTEE DATE</b>	<i>Approximately 3 working days after responses are due.</i>
<b>TENTATIVE SECOND COMMITTEE DATE</b>	<i>Approximately 10 working days after 1<sup>st</sup> selection meeting (Selected firm will be notified)</i>
<b>TENTATIVE PRE-DESIGN CONFERENCE</b>	<i>December 2, 1997</i>
<b>TENTATIVE DEADLINE FOR CONSULTANT FEE PROPOSAL</b>	<i>January 6, 1998</i>

## *EVALUATION FACTORS*

- 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. Location of offices where work is to be performed. (2 points)*

## *SELECTION COMMITTEE MEMBERS*

- 1. John Geddes, State Auditor's Office*
- 2. Leo Frank, User Division*
- 3. Gary Sharpe, User Division*
- 4. Andre Johannes, Secretary's Pool*
- 5. Andy Buell, Secretary's Pool*
- 6. Howard Dawson, Governor's Pool*

## *DBE REQUIREMENT*

*None*

## *SPECIAL INSTRUCTIONS*

*All required geotechnical services and bridge design services will be the responsibility of the Consultant. A sub-consultant for the geotechnical services **will not be** required to be identified in the Consultant's response to announcement. The geotechnical services are anticipated to be coring, soils strength for the pavement design and slope stability analysis.*

*Five consultants shall be selected for these engineering services.*

*Consultants should illustrate experience in performing engineering economic studies as part of these services*

## 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 Cabinet 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:*

- 1. 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.*
- 2. The development of detailed traffic control plans and construction phasing plans consistent with the pavement rehabilitation strategy and related activities.*
- 3. 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.*
- 4. Investigate and document the functional adequacy of bridges within the project limits and develop strategies and design details for rehabilitation or replacement.*
- 5. 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.*

***METHOD OF DESIGN***

*X Metric Units*

*X CADD Capability(with DGN Design File Format) \_  
CADD Based Automated Highway Design System*

*X Digital Terrain Modeling*

***STRUCTURE DESIGN***

*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 change order will be executed with the selected consultant or consultant team for the structure design. Prequalification in the area of structure design is required to be identified in the consultant Response to Announcement.*

***PROJECT FUNDING***

*Federal and State*

***PROJECT SCHEDULE  
MILESTONES***

*Projects will require completion within 120 or 180 days following notice to proceed for that project. The time of completion will depend upon project complexity and the Cabinet's priority. Widening/Rehabilitation projects will be expected to be completed in approximately one year from the Notice to Proceed. Each project schedule will be based on project complexity and Cabinet priorities.*

*PREQUALIFICATION  
REQUIREMENTS*

*The project team shall be prequalified in all areas as follows:*

*ROADWAY DESIGN*

*Rural Roadway Design > \$250,000*

*Surveying*

*STRUCTURE DESIGN*

*Spans under 500'*

*Culvert Design*

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