



# PROFESSIONAL SERVICES PROCUREMENT BULLETIN 2006-07 STATEWIDE PAVEMENT REHABILITATION

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COUNTY	Statewide
ROUTE	N/A
DISTRICT	Statewide
ITEM NO	N/A
PROJECT DESCRIPTION	Develop plans and/or proposal construction documents for pavement rehabilitation projects on selected interstate, parkway, national highway system, and other arterial routes. Four (4) consultants will be selected to provide these services.
PROJECT MANAGER	Dan Hite, P.E.
USER DIVISION	Division of Highway Design
APPROXIMATE FEE	\$2,000,000 (each contract) Work will be assigned via letter agreement not to exceed \$500,000 per letter agreement unless authorized by the Commissioner of Highways.
PURPOSE AND NEED	Rehabilitation of pavement on selected routes to improve structural and functional capacity.
METHOD OF DESIGN	The selected consultant shall utilize the CADD Standards for Highway Plans (version 2.04) policy in the development of the Highway Plans.
PROJECT FUNDING	State and Federal Funds

## 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 must be developed 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. is required. 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.

SPECIAL  
INSTRUCTIONS

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 firms will at that time be prequalified by the Department in the required areas.

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.

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

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

Please note the new guidelines for responding to project bulletins should be used. [Instructions Response to Kentucky Transportation Cabinet.pdf](#)

STRUCTURE  
DESIGN

A determination will be made during the scoping of a project on whether structure design services will be performed by the consultant or by the department. Prequalification in the area of structure design is required to be identified in the consultant's Response to Announcement.

**PREQUALIFICATION REQUIREMENTS**

<u>ROADWAY DESIGN</u>	<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>
<u>STRUCTURE DESIGN</u>	<ul style="list-style-type: none"><li>• Spans under 500 feet</li><li>• Culvert Design</li></ul>

## PROJECT SCHEDULE & MILESTONES

RESPONSE DATE	May 3, 2006 4:30 p.m. (Frankfort Time)
SELECTION COMMITTEE DATE MEETING	May 24, 2006
TENTATIVE DEADLINE FOR CONSULTANT FEE PROPOSAL	June 7, 2006
CONTRACT NEGOTIATIONS	June 28, 2006
NOTICE TO PROCEED	July 12, 2006

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

## EVALUATION FACTORS

1. Relative experience of consultant personnel assigned to project team with travel demand modeling projects for KYTC and/or for federal, local or other state governmental schedule. (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 this 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. Dan Hite, User Division
2. Leo Frank, User Division
3. Michael Calebs, Secretary's Pool
4. Danl Hall, Secretary's Pool
5. Harvey Pelley, Governor's Pool