

# **A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT**

## **Department of Highways Professional Services Procurement Bulletin 2018-10 Statewide Pavement Rehabilitation**

This document constitutes a Request for Proposals for Professional Service Contract from qualified individuals and organizations to furnish those services as described herein for the Commonwealth of Kentucky, Department of Highways.

### **I. PROJECT DESCRIPTION**

Develop plans and/or proposal construction documents for pavement rehabilitation projects on selected interstate, parkway, national highway system, and other arterial routes. Up to six (6) Consultants will be selected to provide these services for two (2) years.

### **II. PROJECT INFORMATION**

Project Manager – Andre Johannes, P.E.

User Division – Highway Design

Approximate Fee – \$4,000,000 upset limit (per contract)

Projects to be assigned by Letter Agreement not to exceed \$500,000 each

Up to six (6) Consultants to be selected for a two (2) year contract term

Project Funding – State Funds

### **III. PURPOSE AND NEED**

Rehabilitation of pavement on selected routes to improve structural and functional capacity. Our mission is to develop projects for Pavement Rehabilitation. In order to achieve this, the Division of Highway Design is responsible for management of statewide consultants. Additional staff and specific expertise is needed periodically to accomplish this objective.

### **IV. DBE REQUIREMENT**

None

### **V. METHOD OF DESIGN**

Each selected Consultant shall develop highway plans utilizing the most recent CADD Standards for Highway Plans Policy.

## **VI. SCOPE OF WORK**

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. Each Consultant 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. Each 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 for rehabilitation or replacement.
- Develop and prepare plans and/or proposals as construction documents for letting these plans to contract.

Each Consultant 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.

## **VII. 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.

## **VIII. SPECIAL INSTRUCTIONS**

Geotechnical Services and Bridge Design 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.

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

Up to six (6) firms will be selected to provide these services. The contract period is a two (2) year contract with no new work assigned after two years from Notice to Proceed, although the contract may be extended for time to complete work already assigned. Contracts will have an upset limit of \$4,000,000. Once the upset limit is reached or the two year term has expired, services will be re-advertised and no additional work assignments will be made under the contract. Contracts will not be modified to increase upset limit or extended for time to assign new work. No Letter Agreement shall exceed \$500,000 without written approval from the State Highway Engineer.

The Selection Committee will randomly draw for the pool and list in consecutive order to determine the initial order for which a project will be offered. Projects will be offered to firms on a rotational basis. The Department reserves the right to select one of the firms outside of the assignment order for a particular project if it is to the benefit of the Department (i.e. the firm selected is also completing the Engineering contract for the project). That firm, if selected out of order, will be skipped in the rotation when their turn comes and the regular order will be followed thereafter. The Division of Highway Design reserves the right to group multiple projects together as one offering if it is advantageous to the Department. The Department may also add additional work to an existing Letter Agreement, if needed. A firm will not be offered an additional project until the remaining firms on the list have been offered a project. If a firm declines to accept a project or does not respond to an invitation to perform services for a project within fourteen (14) days, or the Department and Consultant cannot agree on reasonable scope of work and fee for services, documentation shall be placed in the project files and the next firm on the rotating list shall be offered the project.

Instructions for Response to Announcement can be found at:

<https://transportation.ky.gov/ProfessionalServices/Pages/Respond-to-an-Announcement.aspx>

## **IX. PREQUALIFICATION REQUIREMENTS**

To respond to this project, the proposed consultant project team must be prequalified in the following areas prior to the response due date of this advertisement.

### **ROADWAY DESIGN**

- Rural Roadway Design
- Urban Roadway Design
- Surveying

### **STRUCTURE DESIGN**

- Spans under 500 feet

## **X. PROCUREMENT SCHEDULE**

Dates other than Response Date are tentative and provided for information only.

- Bulletin Posted – April 10, 2018
- Response Date – May 2, 2018 by 4:30 PM ET (Frankfort time)
- First Selection – May 7, 2018
- Final Selection – May 23, 2018
- Pre-Design Conference – May 30, 2018
- Fee Proposal – June 8, 2018
- Contract Negotiations – June 20, 2018
- Notice to Proceed – July 19, 2018

## **XI. PROJECT SCHEDULE**

Individual project schedules will be assigned by Letter Agreement on a project-by-project basis.

## **XII. EVALUATION FACTORS**

1. Relative experience of consultant personnel assigned to project team with Pavement Rehabilitation and other Highway projects for KYTC and/or federal, local or other state governmental schedule. (20 Points)
2. Past record of performance on project of similar type and complexity. (20 Points)
3. Project approach and proposed procedures to accomplish services for project. (10 Points)
4. Capacity to comply with project schedule (10 points).
5. Consultant's offices where work is to be performed. (2 points)

For state-funded projects, if a Selection Committee vote results in a tie between two (2) firms, one (1) of which will perform more of the work tasks in Kentucky than the other, then the former firm shall be ranked one (1) place ahead of the latter.

## **XIII. SELECTION COMMITTEE MEMBERS**

1. Andre Johannes, PE, User Division
2. Ross Mills, PE, User Division
3. Mikael Pelfrey, PE, Secretary's Pool
4. Brent Sweger, PE, Secretary's Pool
5. Mark Day, PE, Governor's Pool