

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways Professional Services Procurement Bulletin 2022-10 Statewide Pavement Rehabilitation Services

This document constitutes a Request for Proposals for a 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

This statewide contract is to provide necessary Statewide Pavement Rehabilitation Services. Five (5) consultants will be selected to provide these services on an as-needed basis for two years.

II. PROJECT INFORMATION

Project Manager - Andre Johannes, P.E.
User Division - Highway Design
Approximate Fee - \$4,000,000 per contract (Upset Limit)
Work will be assigned via Letter Agreement, not to exceed \$750,000
Project Funding - State and Federal Funds
Contract Term - Two Years

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

The Consultant team shall include a DBE Participation Plan with their Response to Announcement to help the Department meet the 11.95% DBE goal established by FHWA. The plan needs to demonstrate how DBE companies will be mentored or used to assist in the area(s) pertaining to this contract. An additional page will be allowed in the Project Approach (Section 7) to demonstrate this plan.

V. 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.

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.

VI. SPECIAL INSTRUCTIONS

Five (5) consultants will be selected to provide these services for a period of two (2) years with no new work assigned after two years from the 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 may be re-advertised and no additional Letter Agreements will be executed under the contract. Contracts will not be modified to increase the upset limit or extended for time to assign new work. No Letter Agreement shall exceed \$750,000 without written approval from the State Highway Engineer.

The Selection Committee will rank and list the selected Consultants in consecutive order to determine the initial order for which projects will be assigned. Projects will generally be assigned 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. 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, that firm will not be eligible to accept another project until the remaining firms on the list have been offered a project. If a firm declines a project or does not respond to an invitation to perform services for a project within five (5) business days, documentation shall be provided 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>

VII. METHOD OF DESIGN

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

VIII. 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.

IX. PREQUALIFICATION REQUIREMENTS

To respond to this project, the Consultant must be prequalified in the following areas by the response due date of this advertisement.

ROADWAY DESIGN

- Rural Roadway Design
- Surveying
- Urban Roadway Design

STRUCTURE DESIGN

- Spans under 500 feet

X. PROCUREMENT SCHEDULE

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

- Advertisement Date: April 12, 2022
- Response Date: May 4, 2022 by 4:30 PM ET (Frankfort Time)
- First Selection Meeting: May 9, 2022
- Final Selection: May 25, 2022
- Pre-Design Conference: June 1, 2022
- Notice to Proceed: June 22, 2022

XI. PROJECT SCHEDULE

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

Completion of All Services – 2 years from Notice to Proceed

XII. EVALUATION FACTORS

Consultants will be evaluated by the selection committee based on the following, weighted factors:

1. Relative experience of consultant personnel assigned to project team with highway project for KYTC and/or federal, local or other state governmental agencies. (20 Points)
2. Past record of performance on projects similar in type and complexity. (20 Points)
3. Available team workload capacity to comply with project schedule. (10 Points)
4. Project approach and proposed procedures to accomplish the services for the project. (10 Points)
5. Knowledge of the locality and familiarity of the general geographic area. (2 Points)

XIII. SELECTION COMMITTEE MEMBERS

1. Andre Johannes, P.E., User Division
2. Ross Mills, P.E., User Division
3. Stephen De Witte, P.E., Secretary's Pool
4. Charlie Dale, P.E., Secretary's Pool
5. Bart Bryant, P.E., Governor's Pool