REQUEST FOR PROPOSAL
FOR
PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2027-05
Statewide Bridge Delivery Program - General Engineering Consultant

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 services for the Statewide Bridge Delivery Program (Program). One (1) general engineering consultant team will be selected to provide these services on an as-needed basis for six (6) years.

II. PROJECT INFORMATION

Project Manager -	Natalie House-Lewis, P.E.
User Division -	Highway Design
Approximate Fee -	$7,500,000 (Cost Plus a Fixed Fee)
Project Funding -	State and/or Federal Funds
Contract Term -	Six Years

III. PURPOSE AND NEED

Assist the Department in planning, developing, delivering, and managing the rehabilitation and replacement of deteriorated bridges identified through the Statewide Bridge Delivery program, using a streamlined approach to accelerate project delivery and meet expedited letting schedules.

IV. SCOPE OF WORK

The Kentucky Transportation Cabinet's (KYTC) Department of Highways (Department) is responsible for maintaining an inventory, regularly inspecting, and improving the condition of more than 14,000 highway bridges throughout the Commonwealth. To support these efforts, the Department uses performance data and asset management practices to evaluate needs and prioritize improvements. Addressing these needs will benefit Kentuckians by improving safety, promoting economic development, ensuring long-term infrastructure viability, and enhancing the overall mobility of people and goods throughout the Commonwealth.

The objective of this Program is to expedite bridge rehabilitation and replacement projects across the Commonwealth through a streamlined project delivery approach. Compared to traditional KYTC processes, the Program employs a condensed approach to structure and roadway design, geotechnical investigations, hydraulic analysis, surveying, right-of-way coordination, utility coordination, and environmental analysis.

The selected Consultant will thoroughly evaluate rehabilitation and repair alternatives for each assigned bridge before advancing to full replacement. When replacement is determined to be the preferred alternative, the goal of this Program is to replace the existing bridge in the same location while maintaining current geometrics (width, length, hydraulic opening, etc.) to minimize environmental and utility impacts as well as reduce the need for additional right-of-way.

The selected Consultant may also consider Accelerated Bridge Construction (ABC) techniques along with Cost-Plus-Time Contracting (A+B) strategies to reduce construction durations and minimize traffic impacts to the traveling public.

This full-service statewide contract will provide project management and technical services needed to advance bridge projects from initial screening through final design, including tracking and support during construction. The contract will also provide the initial inspection, load rating and plan archiving following construction completion. If the Department has capacity, the Department may elect to perform the advertised services in-house at any time.

KYTC is seeking services in the following areas:

- Program/Project Management
- Cost Management
- Bridge Screening
- Record Keeping
- Structure Design
- Roadway Design
- Geotechnical Services
- Drainage & Hydraulics
- Utility Coordination
- Environmental Services
- Right-of-Way Acquisition
- Surveying
- Plan Development
- Procurement Assistance
- Construction Supervision & Inspection
- Bridge Inspection & Load Ratings
- Other duties as determined

V. SPECIAL INSTRUCTIONS

One (1) General Engineering Consultant (GEC) team will be selected to provide these services on an as-needed basis for a period of six (6) years. No new work will be assigned after the six-year term expires; however, the contract may be extended as necessary to complete previously assigned work.

The Department reserves the option to modify the selected Consultant's agreement to include additional services necessary to support the successful delivery of the Statewide Bridge Delivery Program. The Consultant or one of their subconsultants, must possess the required prequalifications before performing any additional services.

Additional engineering services may be authorized through contract modifications, subject to an aggregate increase of $1,000,000 above the original contract amount. Any increase exceeding

this amount must receive prior written approval from the State Highway Engineer.

For this advertisement only, the Department will allow the following modifications to the standard Response to Announcement format:

- SECTION 3: Project Team Organizational Chart may be expanded not to exceed two (2) 8.5”x11” pages or one (1) 11”x17” page.
- SECTION 4 (A-E): Project Team Members Relative Experience (Resumes) may be expanded not to exceed eight (8) pages.
- SECTION 6 (A-E): Project Team Relative Experience (Similar Projects) may be expanded not to exceed eight (8) pages.
- SECTION 7 (A-C): Project Approach may be expanded not to exceed six (6) pages.

Instructions for Response to Announcement can be found at:
https://transportation.ky.gov/ProfessionalServices/Pages/Respond-to-an-Announcement.aspx

Consultants are required to follow the Commonwealth Office of Technology’s Artificial Intelligence (AI) policy and affirmatively disclose any use of AI or Machine Learning undertaken as part of any awarded contract.

VI. AVAILABLE INFORMATION

Summary of Bridge Program Project Delivery Manual

VII. METHOD OF DESIGN

The selected Consultant will design and develop plans in accordance with the guidance outlined in the *Bridge Program Project Delivery Manual*.

Design for various structure types shall be in accordance with the American Association of State Highway and Transportation Officials (AASHTO) Load and Resistance Factor Design (LRFD) Specifications, unless otherwise directed by the Project Manager.

VIII. PREQUALIFICATION REQUIREMENTS

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

CONSTRUCTION ENGINEERING SERVICES

- Construction Project Supervision

ENVIRONMENTAL & UST SERVICES

- Hazmat Site Investigation (Phase 2)
- UST & Hazmat Preliminary Site Assessment (Phase 1)
- *Hazmat Corrective Action* (see note below)*
- *UST Closure Assessment* (see note below)*
- *UST Corrective Action* (see note below)*
- *UST Site Investigation (Phase 2)* (see note below)*

ENVIRONMENTAL AQUATIC & TERRESTRIAL ECOSYSTEMS ANALYSIS

- Botany
- Fisheries
- Freshwater Macroinvertebrates
- Terrestrial Zoology
- Water Quality
- Wetlands

ENVIRONMENTAL ARCHAEOLOGY & OTHER SERVICES

- Air Quality Analysis
- Cultural-Historic Analysis
- Environmental Document Writing & Coordination
- Highway Noise Analysis
- Historic Archaeology
- Prehistoric Archaeology
- Socio-Economic Analysis
- Stream & Wetland Mitigation

GEOTECHNICAL SERVICES

- Standard Drilling
- Standard Engineering
- Standard Laboratory Testing
- *Complex Drilling* (see note below)*
- *Complex Geotechnical Engineering* (see note below)*
- *Complex Laboratory Testing* (see note below)*

MAINTENANCE – BRIDGE MAINTENANCE SERVICES

- In-depth Structure Inspection

RIGHT OF WAY SERVICES

- Acquisition
- Appraisal
- Relocation

ROADWAY DESIGN

- Advanced Drainage Analysis & Design
- Rural Roadway Design
- Surveying
- Urban Roadway Design
- Value Engineering* *(see note below)*

STRUCTURE DESIGN

- Spans Under 500 Feet

UTILITY DESIGN

- Utility Preconstruction Coordination
- *Communication* (see note below)*
- *Petroleum* (see note below)*
- *Standard Electrical* (see note below)*
- *Standard Gas* (see note below)*
- *Standard Water & Sewer* (see note below)*

** Note – These prequalifications are not required with the initial proposal as it is uncertain to the extent practicable if they are necessary. Should these services become necessary during the delivery of the project in this or future phases, the selected Consultant team must obtain the required qualifications before providing those services or bring on a prequalified subconsultant at that time.*

IX. PROCUREMENT SCHEDULE

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

- Advertisement Date: November 10, 2026
- Response Date: December 2, 2026, by 4:30 PM ET (Frankfort Time)
- First Selection Meeting: December 7, 2026
- Final Selection: December 18, 2026
- Pre-Design Conference: January 4, 2027
- Consultant Fee Proposal: January 11, 2027
- Contract Negotiations: January 22, 2027
- Notice to Proceed: February 12, 2027

X. PROJECT SCHEDULE

Specific milestones and target letting dates for each bridge will be provided to the selected Consultant following every group of bridge assignments, prioritization and screening. Projects funded within a given biennium are expected to be delivered within the applicable biennium, when feasible. Projects assigned later in the biennium may be given additional time based on the scope of work and anticipated project schedule, as determined by the Department.

XI. EVALUATION FACTORS

Consultants will be evaluated by the Selection Committee based on the following, weighted factors:

1. Relative experience of the Project Manager and Discipline Leads in developing plans and proposals for bridge replacements, repairs and rehabilitations, plus successfully delivering multiple projects on expedited schedules and within budget for KYTC and/or other federal, state or local government transportation agencies. (45 points)

2. Past record of performance on programmatic bridge delivery projects and/or other transportation projects of similar type and complexity. (20 Points)

3. Demonstrated approach to managing concurrent projects as a coordinated program while providing full-service bridge delivery within compressed timeframes. (20 points)

4. The Consultant demonstrates a comprehensive understanding of safety strategies and the ability to generate meaningful ideas that can measurably enhance the safety of the completed project. This includes immediate effectiveness and the long-term safety impacts of the finished facility. (5 Points)

5. Approach to ensuring the accuracy, completeness and quality of project deliverables

throughout development and delivery. Evaluation will consider QA/QC procedures, personnel qualifications, coordination and constructability practices, in addition to methods for identifying and resolving errors, omissions, and conflicts while minimizing changes and issues during construction. (5 Points)

6. Knowledge of the locality and familiarity of the general geographic area. (5 Points)

XII. SELECTION COMMITTEE MEMBERS

1. Natalie House-Lewis, P.E., User Division
2. Wendy Southworth, P.E., User Division
3. Talya Caudill, P.E., Secretary's Pool
4. Lauren Meighan, P.E., Secretary's Pool
5. Brian Wood, P.E., Governor's Pool