

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2025-05
Fayette | 7-464 | US-27

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

County - Fayette
Route - US-27
Item No. - 7-464.00
Project Description - Scoping study to evaluate solutions to promote ease of mobility for all roadway users on US-27 (Broadway) from US-25 (Main Street) in downtown Lexington to north of Interstate 75 (approximately Kingston Road).

II. PROJECT INFORMATION

Project Manager - Casey Smith, P.E.
User Division - Planning
Approximate Fee - \$250,000 Planning Study (Lump Sum)
Project Funding - Federal Statewide Planning & Research (SPR) Funds
Project Length - Approximately 3.672 miles

III. PURPOSE AND NEED

The objective of this study is to identify concepts to improve safe multi-mobility using Complete Streets and Safe Systems approaches.

The current Broadway corridor has high volumes of traffic generated from commuters, shoppers, residents, and other travelers accessing the multitude of land uses in the vicinity. The context varies greatly along the corridor and includes: Urban Core, Urban Neighborhood, Suburban Commercial, Suburban Neighborhood, Interstate interchange, and Rural Transition. The variety of land use types creates the need to safely accommodate all users of the transportation system (non-motorized in addition to motor vehicles).

IV. DBE GOAL

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 should 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 exhibit this plan. A maximum of four (4) points will be considered in the Evaluation Factors for the DBE Participation Plan.

V. SCOPE OF WORK

This study will focus on safely accommodating pedestrians, cyclists, and other non-motorized users along and crossing the corridor. Recommended concepts will likely vary within the different contexts. These concepts should identify needs of the users of the corridor and develop potential improvement options by utilizing KYTC's Complete Streets, Roads, and Highways Manual and Policy.

In addition, the study will identify needs and concepts for changes to vehicular accommodations. This will include examination of safety, congestion/queuing, access management, on-street parking, transit access, intersection modifications, and transitional elements to encourage appropriate target speeds for each zone. It will not examine adding capacity by adding travel lanes. When examining intersections, a Stage 1 screening under the [KYTC Intersection Control Evaluation \(ICE\) Guidance](#) shall be conducted.

The study will also identify of constraints and resources that may affect feasibility and cost. These include impacts to ROW, utilities, historic resources, structures, railroad and environmental features.

Identified concepts may be advanced by the Department to future phases including Preliminary Engineering and Environmental Analysis upon completion of the Planning phase and may be advanced to Final Design thereafter. If the project is advanced and if the selected Consultant is retained for any of these services, they may be asked to provide engineering services, including the preparation of any design studies, drainage design, right-of-way plans, construction plans, traffic control plans, and cost estimates as well as any other services that KYTC chooses not to perform with in-house forces.

VI. SPECIAL INSTRUCTIONS

The Department may retain any of the advertised services to be performed by in-house state forces.

Instructions for Response to Announcement can be found at:

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

VII. AVAILABLE STUDIES

[Lexington Area Congestion Management Bottleneck Study](#)

The Lexington MPO completed a bottleneck study that makes specific recommendations to corridors and intersections that will help relieve traffic congestion. There are several project recommendations along the Paris Pike corridor.

[Lexington Safety Action Plan](#)

LFUCG and the LAMPO, in coordination with KYTC District Office and Central Office HSIP,

completed a safety action plan as part of the effort to change the way streets and roads are designed, developed, and maintained. This report includes an analysis of the existing safety conditions and historical trends and explores systemic needs. Portions of the study corridor have been identified in the Prioritized Corridor Projects List and the Prioritized Intersections List.

[Lexington Area Bicycle & Pedestrian Master Plan](#)

Bicycle and pedestrian master plan for the Lexington Area MPO to create a new vision for walking and biking in the region.

[LexTran Comprehensive Operational Analysis Study](#)

LexTran is completing a study that examined the current operations of each route and through user feedback and ridership analysis created recommended modifications to their routes.

VIII. METHOD OF DESIGN

The selected Consultant shall utilize the most recent CADD Standards for Highway Plans Policy in the development of the highway plans. Refer to the 2019 CADD Standards for ORD V4 Project Development Memo for information pertaining to the latest CADD Standards and plan submittal.

IX. ENVIRONMENTAL SERVICES

Any necessary Environmental Services are likely to be provided by the Consultant. If needed, an Environmental Overview Report with a red flag summary may be required in the final report. Environmental services necessary for the completion of Preliminary Engineering or Final Design may be added by contract modification at the appropriate time. At any time, if the Department has the capacity to provide these services, the Department may retain the advertised environmental services.

X. STRUCTURE DESIGN

Structure Design is not anticipated for the planning study. If the Department chooses to advance the project (or portions thereof), the project advances to Final Design, and if the selected Consultant is retained for Final Design services, the selected Consultant shall do the necessary engineering services to submit to the KYTC an Advanced Situation Folder(s) for the appropriate structure(s). The selected Consultant may be responsible for any necessary Structure Design services. Structure Design of the proposed structure(s) may be added as a Contract Modification. Prequalification in the area of Structure Design is not required to be identified in the Consultant's Response to Announcement; however, the selected Consultant must obtain the required qualifications before providing these services, or bring a prequalified subconsultant at that time.

XI. GEOTECHNICAL SERVICES

The selected Consultant may provide all Geotechnical Services required for the project. The Preliminary Design contract may include preliminary geotechnical services to review available geological, mining, or other geotechnical information that could influence the selection of the preferred alternate. Geotechnical services necessary for the completion of Final Design may be added by contract modification at the appropriate time. At any time, if the Department has the capacity to provide these services, the Department may retain the advertised geotechnical services. Prequalification in the area of Geotechnical Services is not required to be identified in

the Consultant's Response to Announcement; however, the selected Consultant must obtain the required qualifications before providing these services, or bring a prequalified subconsultant at that time.

XII. TRAFFIC ENGINEERING

The selected Consultant will provide the analysis of the existing and proposed operations. Prequalification in the area of Traffic Engineering is required to be identified in the Consultant's Response to Announcement.

XIII. UTILITIES

The selected Consultant will identify existing utility facilities within the project area and complete or contribute to a utility conflict matrix, documenting those that may be negatively impacted by the project. The Consultant shall document the following for each utility in the conflict matrix: type of utility, owner of utility, quantify the extent they may be impacted, potential impacts to project budget, potential impact to project schedule, confidence of utility location depicted, and recommendations for remedy.

XIV. PREQUALIFICATION REQUIREMENTS

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

ENVIRONMENTAL ARCHAEOLOGY & OTHER SERVICES

- Cultural-Historic Analysis
- *Socio-Economic Analysis* (see note below)*

ROADWAY DESIGN

- Urban Roadway Design
- *Advanced Traffic Engineering Design & Modeling* (see note below)*
- *Surveying* (see note below)*

TRAFFIC ENGINEERING

- Traffic Engineering

TRANSPORTATION PLANNING

- Traffic Forecasting
- Traffic Data Collection
- Pedestrian & Bicycle Planning & Design
- Transportation Planning Engineering
- Conceptual Transportation Planning
- *Advanced Transportation Planning Engineering* (see note below)*
- *Travel Demand & Simulation Modeling* (see note below)*

Geotechnical Services* (see note below)

- *Geotechnical Engineering**

Structure Design* (see note below)

- *Standard Structures**

** 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.*

XV. PROCUREMENT SCHEDULE

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

- Advertisement Date: November 12, 2024
- Response Date: December 4, 2024 by 4:30 PM ET (Frankfort Time)
- First Selection Meeting: December 9, 2024
- Final Selection: December 20, 2024
- Pre-Design Conference: January 6, 2025
- Consultant Fee Proposal: January 13, 2025
- Contract Negotiations: January 27, 2025
- Notice to Proceed: February 17, 2025

XVI. PROJECT SCHEDULE

- First Project Team Meetings: April 2025
- First Local Officials/Stakeholder Meetings: May 2025
- Second Project Team Meetings: September 2025
- Second Local Officials/Stakeholder Meetings: October 2025
- Final Project Team Meetings: January 2026
- Draft Report Submittal: March 2026
- Final Report Submittal: May 2026

XVII. EVALUATION FACTORS

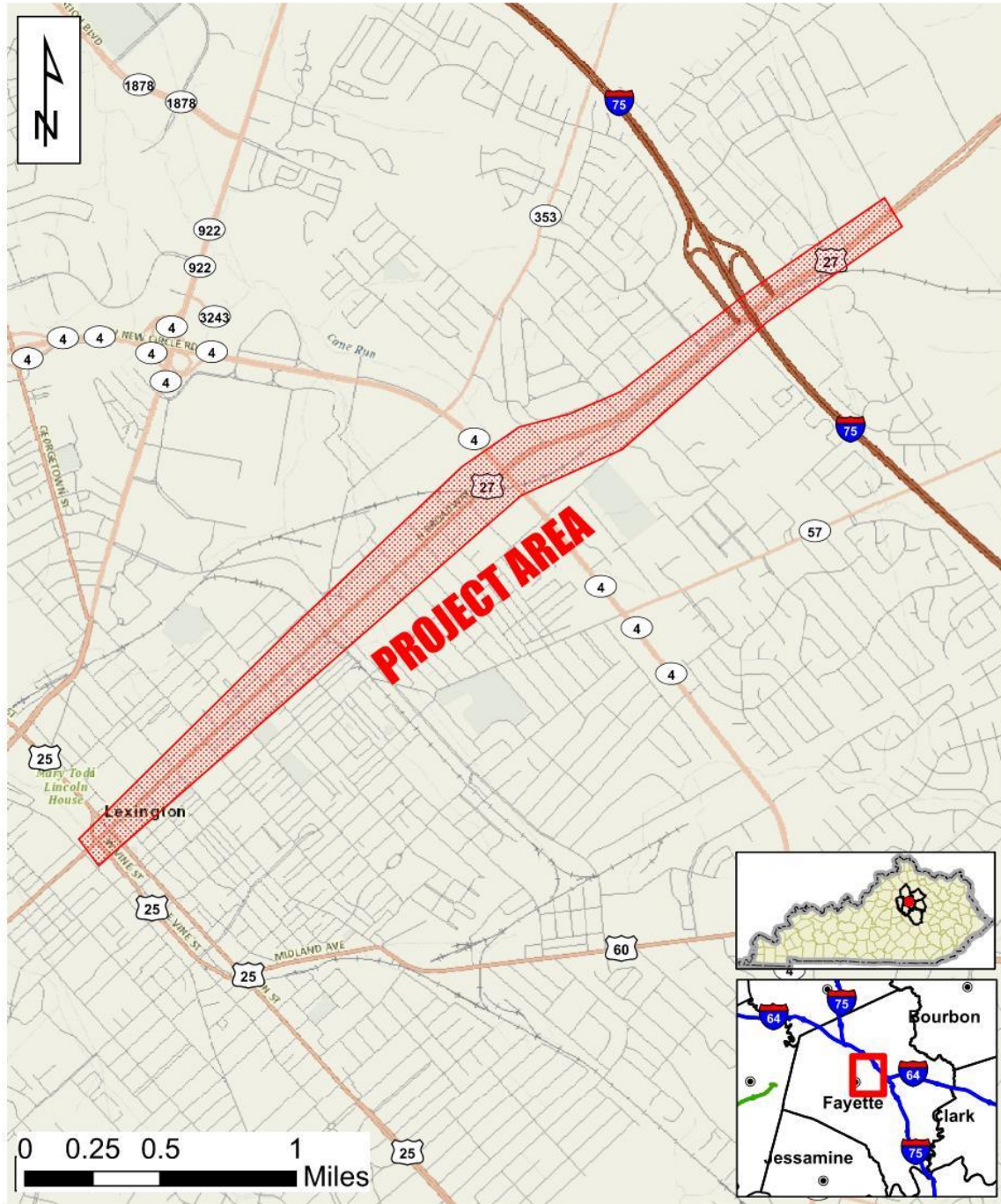
Consultants will be evaluated by the selection committee based on the following weighted factors:

1. Project approach and proposed procedures to accomplish the services for the project. (20 Points)
2. Relative experience in planning and design of multimodal accommodations, access management techniques, and intersection analysis of consultant personnel assigned to project team with highway project for KYTC and/or federal, local or other state governmental agencies. (20 Points)
3. Past record of performance on projects similar in type and complexity. (15 Points)
4. Capacity to comply with project schedule. (10 Points)
5. Knowledge of the locality and familiarity of the general geographic area. (5 Points)
6. DBE Participation Plan. (4 Points)

XVIII. SELECTION COMMITTEE MEMBERS

1. Casey Smith, P.E., User Division
2. Stephen De Witte, P.E., User Division
3. Zachary Neihof, P.E., Secretary's Pool
4. Crystal Mapel, P.E., Secretary's Pool
5. Marcelyn Mathews, P.E., Governor's Pool

XIX. AREA MAP



PS Professional Services TEAM KENTUCKY TRANSPORTATION CABINET

**Fayette County
Item No. 7-464.00
US 27**

Disclaimer: KYTC provides this map as a reference only. Users are to validate information independently. Copyright: 2024 Kentucky Transportation Cabinet. All rights reserved.

Date: 10/21/2024