

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2025-11
Casey | 8-80150 & 8-8702 | US-127

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 -	Casey
Route -	US-127
Item Nos. -	8-80150 / 8-8702
Project Description -	Improve safety and mobility along US 127 from north of Liberty to the Casey / Lincoln County line

II. PROJECT INFORMATION

Project Manager -	Joseph Gossage, P.E.
User Division -	Highway Design
Approximate Fee -	\$900,000 Preliminary Engineering & Environmental Services (Lump Sum) 8-80150 - \$700,000 8-8702 - \$200,000
Project Funding -	NH Federal Funds
Project Length -	Approximately 8.215 miles

III. PURPOSE AND NEED

The purpose and need of the project is to improve safety and mobility along the US-127 corridor from northeast of Liberty (at approximately MP 15.5) to the Casey / Lincoln County line (MP 23.715). Throughout the project corridor there are numerous approach roads and entrances with less than desirable site distance. This feature, along with the existing vertical and horizontal curvature may contribute to drivers misjudging safe entry, exiting and passing because of the combination of these attributes. Evaluation of existing conditions and development of improvements at identified locations is a goal of the project team.

A crash analysis was performed using 5 years of data (2017 to 2021). The analysis reported 7% of crashes were fatal and serious injury crashes. The 85th percentile of travel speeds along the corridor were reported to be above the posted speed limit of 55 mph. There may be opportunities to improve mobility with safer passing opportunities.

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

The selected Consultant will be required to provide engineering services to perform Preliminary Engineering and Environmental Services for recommended alternatives in the Planning Study. The development of other alternatives will be encouraged that meet the purpose and need of both the 8-80150 and 8-8702 projects.

This project may be advanced to Final Design upon the completion of Preliminary Engineering with a Contract Modification. The selected Consultant will then be required to provide engineering services to perform Final Roadway and Structural Design, 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

[Corridor Study – Lincoln & Casey Counties | US-127](#)

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 2022 CADD Standards for ORD V4.4 Project Development Memo for information pertaining to the latest CADD Standards and plan submittal.

IX. ENVIRONMENTAL SERVICES

Any necessary Environmental Services are expected to be provided by the Consultant. Based on preliminary discussion with the project team and all currently available environmental information for the proposed project location, we anticipate the required environmental document to be no higher than a Categorical Exclusion Level 3. The final environmental document may be elevated (or reduced) to a different level of environmental documentation if environmental investigation

leads to an alternative conclusion or changes in ROW occur. Prequalification of various Environmental Services are required to be identified in the Consultant's Response to Announcement.

X. PHOTOGRAMMETRIC SERVICES

The Department will provide LiDAR digital mapping and will furnish manuscripts on computer disks in DGN format. The selected Consultant shall supplement this information with conventional surveying as needed.

XI. STRUCTURE DESIGN

Structure Design is not anticipated for Preliminary Design. When 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 Structure Design is not required to be identified in the Consultant's Response to Announcement.

XII. GEOTECHNICAL SERVICES

The selected Consultant may be asked to provide 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 Geotechnical Services is not required to be identified in the Consultant's Response to Announcement.

XIII. TRAFFIC ENGINEERING

The selected Consultant will provide the analysis of the existing and proposed operations. At any time, if the Department has the capacity to provide these services, the Department may retain the advertised traffic services.

XIV. UTILITIES

The Department is responsible for providing available information on existing utility facility locations to support the determination of conflicts of the project design with the existing utility facilities. The Department shall cooperatively support the identification of these conflicts. The Consultant shall consider the practical feasibility of utility conflict avoidance, making the necessary adjustments when directed by the Department. Those conflicts determined as unavoidable shall be addressed by the entity charged with utility coordination, be it the Department or Consultant.

The selected Consultant shall acquire adequate information regarding existing utility features to

identify existing utility facilities within the project area, document and confirm those that may be negatively impacted by the project. The selected Consultant shall bring attention any potential conflicts with existing utility facilities that may result in significant cost or time to relocate. The selected Consultant complete or contribute to a utility conflict matrix, documenting the existing utility facilities that may be impacted by the project. The Consultant shall document or confirm 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.

The selected Consultant shall provide a project location map to the Department. The Department will send project location maps to all potential utility contacts to determine whether they may have existing utilities within these project limits. The Department will develop the utility contact list. Facility location maps received for this project will be provided to the selected Consultant.

All utilities including underground and overhead facilities within the project scope shall be field-verified by the Consultant. Sizes and types of underground and aerial utilities shall be identified on the plans for each alignment alternative in the PL&G submittal. In addition to survey horizontal location of visible utility features, the Consultant shall provide elevation of accessible manhole tie inverts and overhead low wire elevation.

XV. 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 & UST SERVICES

- UST & Hazmat Preliminary Site Assessment (Phase 1)

ENVIRONMENTAL AQUATIC & TERRESTRIAL ECOSYSTEMS ANALYSIS

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

ENVIRONMENTAL ARCHAEOLOGY & OTHER SERVICES

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

ROADWAY DESIGN

- Rural Roadway Design
- Advanced Traffic Engineering Design & Modeling
- Surveying

- Advanced Drainage Analysis & Design

TRAFFIC ENGINEERING

- Traffic Engineering

Geotechnical Services* (see note below)

- Geotechnical Engineering*
- Geotechnical Drilling*
- Geotechnical Laboratory Testing*

Structure Design* (see note below)

- Standard Structures*
- Spans Under 500 Feet*

** 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.*

XVI. PROCUREMENT SCHEDULE

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

- Advertisement Date: May 13, 2025
- Response Date: June 4, 2025 by 4:30 PM ET (Frankfort Time)
- First Selection Meeting: June 9, 2025
- Final Selection: June 25, 2025
- Pre-Design Conference: July 2, 2025
- Consultant Fee Proposal: July 11, 2025
- Contract Negotiations: July 23, 2025
- Notice to Proceed: August 13, 2025

XVII. PROJECT SCHEDULE

- Preliminary Engineering August 15, 2026
- Environmental Document February 1, 2027

XVIII. EVALUATION FACTORS

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

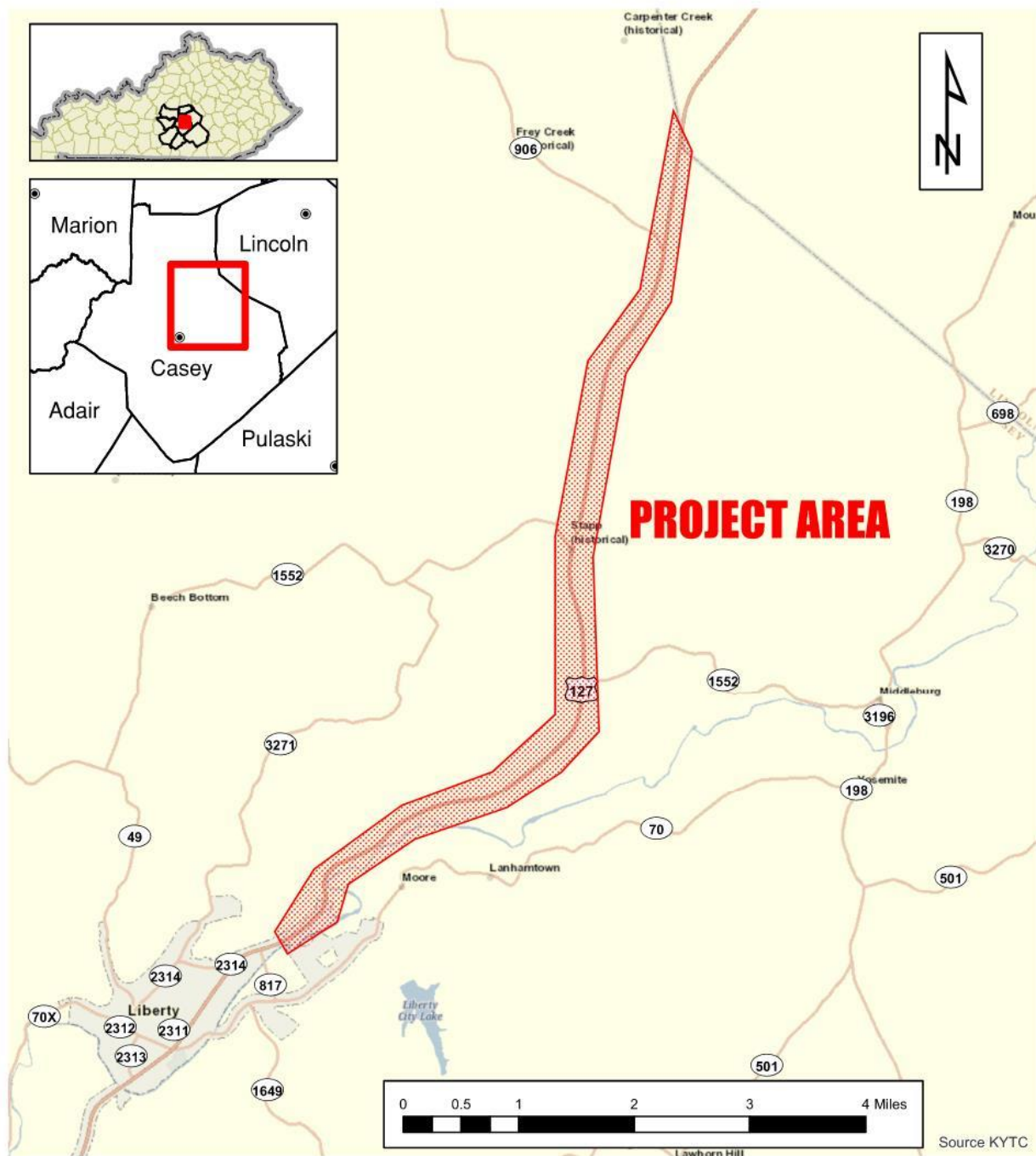
1. Project approach and proposed procedures to accomplish the services for the project. (20 Points)
2. Relative experience of consultant personnel assigned to project team with highway project for KYTC and/or federal, local or other state governmental agencies. (15 Points)
3. Past record of performance on projects similar in type and complexity. (15 Points)

4. Capacity to comply with project schedule. (10 Points)
5. 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 both the immediate effectiveness and the long-term safety impacts of the finished facility. (10 Points)
6. DBE Participation Plan. (4 Points)
7. Knowledge of the locality and familiarity of the general geographic area. (2 Points)

XIX. SELECTION COMMITTEE MEMBERS

1. Joseph Gossage, P.E., User Division
2. Randy Turner, P.E., User Division
3. Matthew Sipes, P.E., Secretary's Pool
4. Casey Smith, P.E., Secretary's Pool
5. Brian Wood, P.E., Governor's Pool

XX. AREA MAP



PS Professional Services

TEAM KENTUCKY
TRANSPORTATION CABINET

**Casey County
Item No. 8-80150
US 127**

Disclaimer: KYTC provides this map as a reference only. Users are to validate information independently.
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Date: 4/22/2025 