

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2024-09
Franklin / Jefferson / Shelby | 99-291 | I-64 / US 60

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 -	Franklin, Jefferson, & Shelby
Route -	I-64 & US 60
Item No. -	99-291.00
Project Description -	Pilot Study on US 60 & I-64 corridors between Frankfort and Louisville to reduce wildlife-vehicle collisions

II. PROJECT INFORMATION

Project Manager -	Andrew Logsdon
User Division -	Environmental Analysis
Approximate Fee -	\$500,000 Scoping Study (Lump Sum)
Project Funding -	Wildlife Crossings Pilot Program (Federal Discretionary Grant Funds)
Project Length -	Approximately 34 miles

III. PURPOSE AND NEED

When wildlife cross roadways they pose a significant hazard to motorists. On average, in Kentucky there are approximately 3,000 recorded deer collisions per year, alongside approximately 2,900 collisions with other animals (excluding deer).

The primary objective of this planning study is to develop a toolbox of strategies that will meet the critical goals of saving lives, preventing serious injuries, protecting motorists and wildlife and improving wildlife habitat connectivity on US 60 and I-64 between Frankfort and Louisville. These strategies would then be able to be formed into a Statewide Plan.

IV. DBE GOAL

The Consultant team may include a DBE Participation Plan with their full Response to Announcement to help the Department meet the 11.95% DBE goal established by FHWA. The plan would demonstrate how DBE companies will be mentored or used to assist in the area(s) pertaining to this contract. If included, an additional page will be allowed in the Project Approach (Section 7) to exhibit this plan. No additional points will be provided in the Evaluation Factors for

the DBE Participation Plan.

V. SCOPE OF WORK

Scope items will include, but are not limited to:

- Detail land uses, access points, natural features, and traffic patterns along the study corridors
- Work with Kentucky Transportation Center crash data experts to identify areas of concern
- Identify existing roadway features, including condition of right-of-way fence
- Identify wildlife habitat corridors (focused on deer and large mammal) using GIS data and in-field observations and surveys
- Identify areas of high risk for wildlife-vehicle conflicts (hot spots)
- Identify existing and planned KYTC barriers to wildlife movement within the corridor
- Work with the Kentucky Department of Fish and Wildlife Resources (KDFWR) and other partners to evaluate the area, identify issues, and develop implementable improvement concepts
- Communicate with and educate the public and stakeholders throughout the project
- Identify and collect information on select performance measures to satisfy conditions of grant agreement

This project may be advanced to include the completion of a statewide wildlife crossing plan upon the completion of the pilot study with a Contract Modification.

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

[KY Wildlife Crossing Grant Application Narrative](#)

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 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 any required environmental document(s) to be

completed under a different contract. Prequalification of various Environmental Services are required to be identified in the Consultant's Response to Announcement.

X. PHOTOGRAMMETRIC SERVICES

The Consultant will provide mapping and will furnish manuscripts in ORD format. Statewide Elevation data and Aerial photography can be found at the following link [KyFromAbove - Kentucky's Aerial Photography & Elevation Data Program](#). The selected Consultant may supplement this information with conventional surveying as determined during project scoping.

XI. STRUCTURE DESIGN

Structure Design is not anticipated for this study. When the project advances to an additional phase and if the selected Consultant is retained, the selected Consultant may perform 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.

XII. GEOTECHNICAL SERVICES

The Department will provide all Geotechnical Services required for the project.

XIII. TRAFFIC ENGINEERING

The Department will provide all traffic projections and related information.

XIV. UTILITIES

The Department will be responsible for determining the existing locations of utilities to determine feasibility of redesign or utility relocation and cost estimates.

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 AQUATIC & TERRESTRIAL ECOSYSTEMS ANALYSIS](#)

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

[ENVIRONMENTAL ARCHAEOLOGY & OTHER SERVICES](#)

- Environmental Document Writing & Coordination

- *Prehistoric Archaeology** (see note below)
- *Historic Archaeology** (see note below)
- *Cultural-Historic Analysis** (see note below)
- *Stream & Wetland Mitigation** (see note below)

ROADWAY DESIGN

- Rural Roadway Design

TRANSPORTATION PLANNING

- Conceptual Transportation Planning

Maintenance / Bridge Maintenance Services* (see note below)

- *In-Depth Structure Inspection**
- *Landscaping Arboriculture**

Structure Design* (see note below)

- *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 Response Date are tentative and provided for information only.

- Advertisement Date: March 12, 2024
- Response Date: April 3, 2024 by 4:30 PM ET (Frankfort Time)
- First Selection Meeting: April 8, 2024
- Final Selection: April 24, 2024
- Pre-Design Conference: May 1, 2024
- Consultant Fee Proposal: May 10, 2024
- Contract Negotiations: May 22, 2024
- Notice to Proceed: June 12, 2024

XVII. PROJECT SCHEDULE

- Kick-Off Meeting June 2024
- Initial Corridor Review Meeting July 2024
- Concept Review Meeting September 2024
- Prioritization of Concepts Meeting November 2024
- Draft Report January 2025
- Final Report February 2025

XVIII. EVALUATION FACTORS

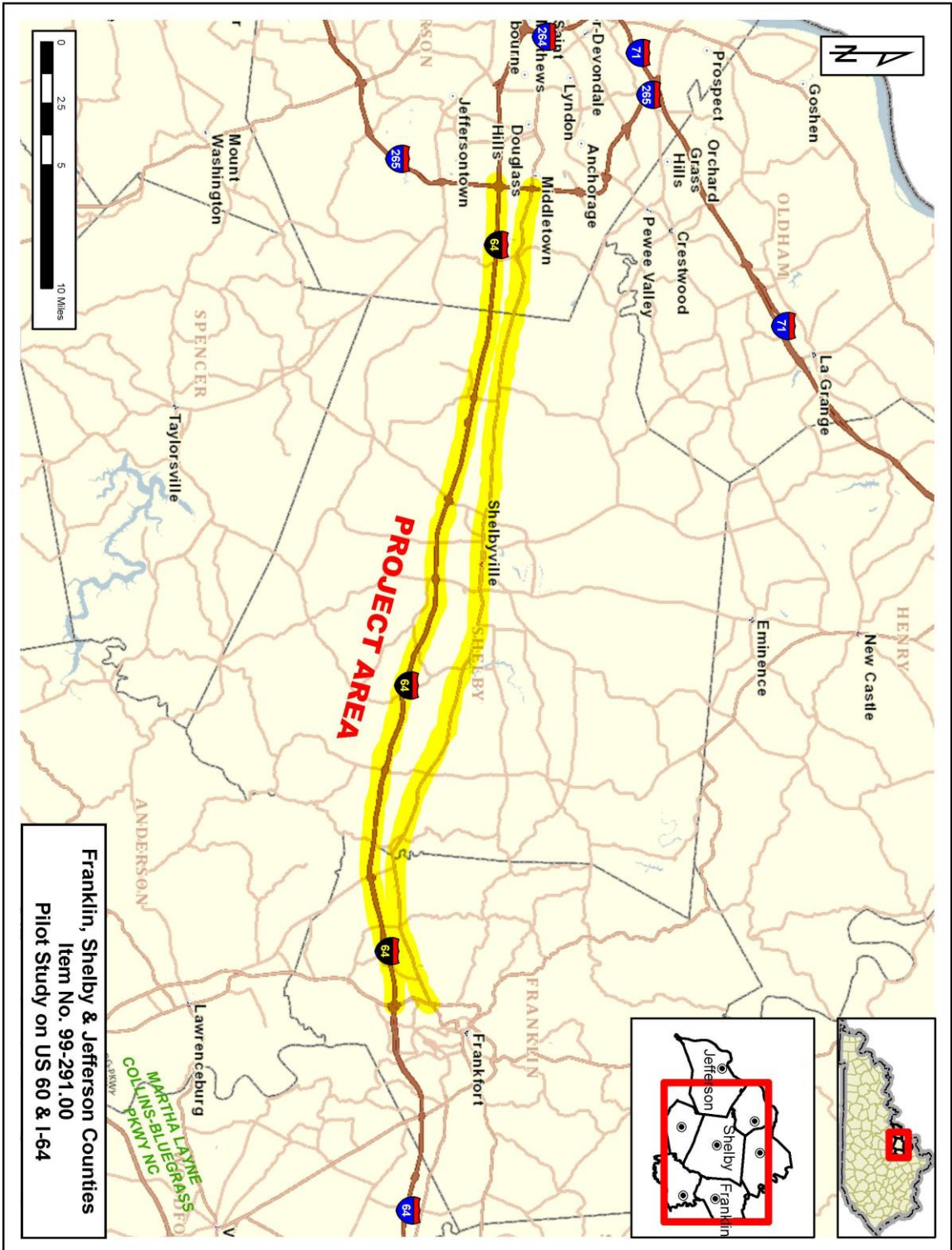
Consultants will be evaluated by the selection committee based on the following weighted factors:

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. Knowledge of the locality and familiarity of the general geographic area. (2 Points)

XIX. SELECTION COMMITTEE MEMBERS

1. Andrew Logsdon, User Division
2. Stephen De Witte, P.E., User Division
3. Crystal Mapel, P.E., Secretary's Pool
4. Emily Deason, P.E., Secretary's Pool
5. Cindy Evensen, Governor's Pool

XX. AREA MAP



Disclaimer: KYTC provides this map as a reference only. Users are to validate information independently.
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Franklin, Shelby & Jefferson Counties
 Item No. 99-291.00
 Pilot Study on US 60 & I-64

Date: 2/29/2024