

REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2027-02
McCracken | 1-80408 | 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 -	McCracken
Route -	US-60
Item No. -	1-80408.00
Project Description -	To provide engineering design services to improve traffic flow, minimize congestion, and address safety concerns on US-60 from M.P. 9.10 (Tractor Supply) to M.P. 10.20 (New Holt Road)

II. PROJECT INFORMATION

Project Manager -	Austin Hart, P.E.
User Division -	Highway Design
Approximate Fee -	\$650,000 Preliminary Engineering & Environmental Services (Lump Sum)
Project Funding -	NH (State or Federal Funds)
Project Length -	Approximately 1.1 miles

III. PURPOSE AND NEED

Regional growth surrounding the City of Paducah has shifted portions of US-60 from rural to urban context. This change in context is due to the increased traffic demand and congestion that accompany such development. As traffic volumes increase, existing safety concerns may be exacerbated, and new safety issues may emerge if access management is not addressed. The purpose of this project is to respond to these changing conditions by better managing traffic flow and enhancing safety on US-60 from the new Friendship Road Intersection at Tractor Supply to New Holt Road.

IV. SCOPE OF WORK

The selected Consultant will be required to provide Preliminary Engineering and Environmental Services. Preliminary Engineering includes surveying, line and grade plans, traffic engineering analysis in accordance with Design Memo 03-11, conduct stage 1 screening and stage 2 analysis in accordance with the KYTC Intersection Control Evaluation (ICE) Guidance, preparation of engineering studies, identification of appropriate typical sections, identifying any utility impacts, performing preliminary drainage design, developing dependable cost estimates, and conducting

and preparing documents for local official/stakeholder and public meetings.

The selected Consultant will be required to provide Final Design Services. Final Design Services includes development of Right of Way Plans, Preliminary and Final Drainage Folders, Advanced Situation Folders, Joint Inspection Plans, Structure Plans, Lighting and Signal Plans if necessary, Traffic Control Plans, Cost Estimates, Check Prints and Final Plans, including the preparation of any design studies.

V. 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>

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 STUDIES

[Paducah Small Urban Area Study - May 2019](#)

VII. 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.

VIII. 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 CE 2. 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.

IX. 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 shall supplement this information with conventional surveying as determined during project scoping.

X. STRUCTURE DESIGN

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

XI. GEOTECHNICAL SERVICES

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

XII. TRAFFIC ENGINEERING

The selected Consultant will provide the analysis of the existing and proposed operations. Traffic Signal Design and Lighting Design services, if 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 traffic services.

XIII. 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 shall 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.

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 & UST SERVICES

- UST & Hazmat Preliminary Site Assessment (Phase 1)

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

ROADWAY DESIGN

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

STRUCTURE DESIGN

- Standard Structures

TRAFFIC ENGINEERING

- Advanced Traffic Engineering Design & Modeling
- Traffic Engineering
- *Electrical Engineering Roadway Lighting* (see note below)*
- *Electrical Engineering Traffic Signals* (see note below)*

TRANSPORTATION PLANNING

- Pedestrian & Bicycle Planning & Design
- Traffic Data Collection
- Traffic Forecasting
- Travel Demand & Simulation Modeling

** 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: August 11, 2026
- Response Date: September 2, 2026 by 4:30 PM ET (Frankfort Time)
- First Selection Meeting: September 8, 2026
- Final Selection: September 23, 2026
- Pre-Design Conference: September 30, 2026
- Consultant Fee Proposal: October 9, 2026
- Contract Negotiations: October 21, 2026
- Notice to Proceed: November 12, 2026

XVI. PROJECT SCHEDULE

- Alternative Alignment Review March 2027
- Public Meeting May 2027
- Project Line & Grade June 2027
- Design Executive Summary June 2027
- Environmental Documentation June 2027
- Right of Way Plans July 2027
- Joint Inspection October 2027
- Final Plans January 2028

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 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. (15 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. (5 Points)
6. Knowledge of the locality and familiarity of the general geographic area. (2 Points)

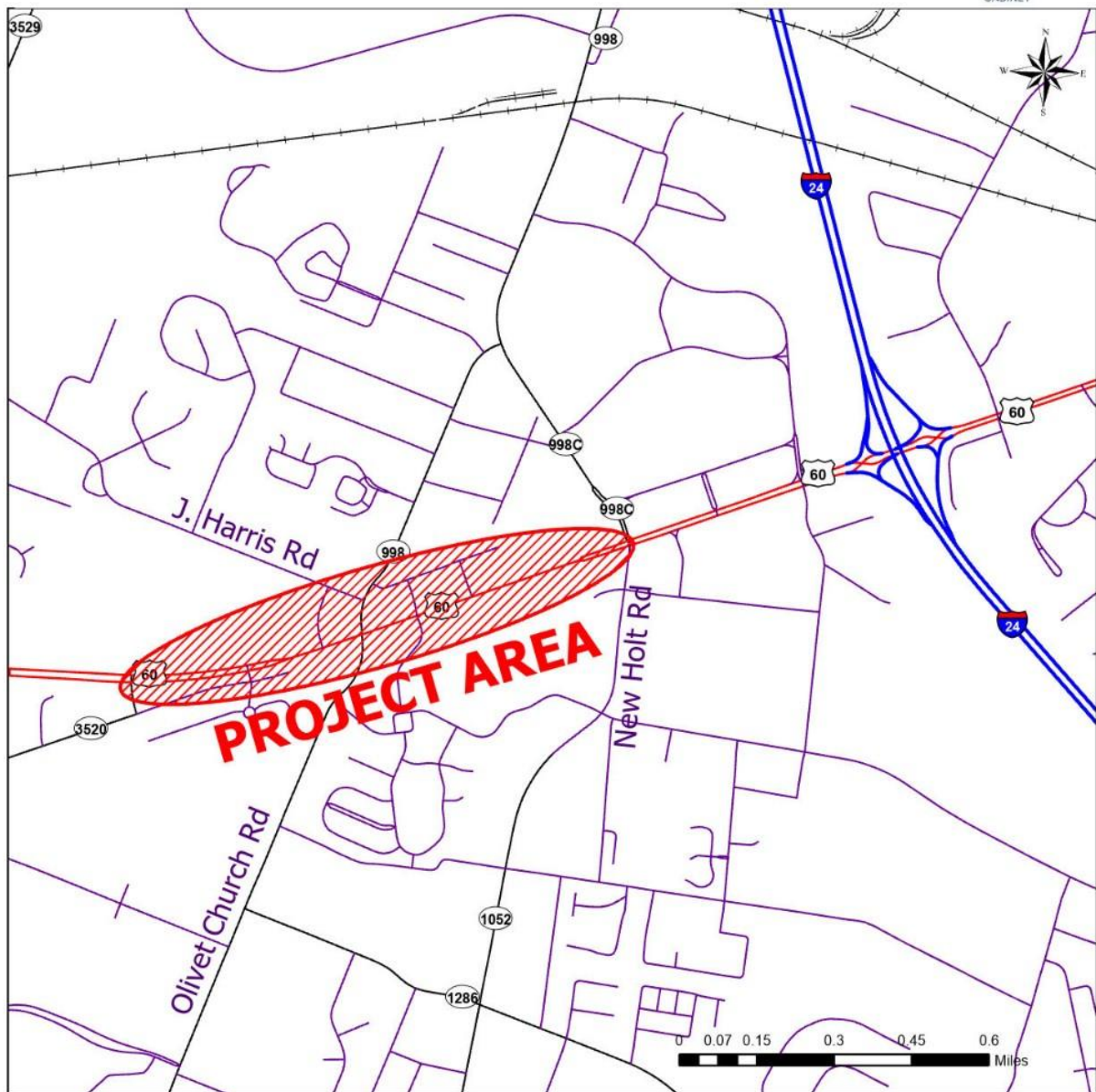
XVIII. SELECTION COMMITTEE MEMBERS

1. Zach Thorpe, P.E., User Division
2. Amanda Desmond, P.E., User Division
3. Austin Hart, P.E., Secretary's Pool
4. Ben Coomes, P.E., Secretary's Pool
5. Cindy Evensen, Governor's Pool

XIX. AREA MAP



Professional Services



Preconstruction Status for :
Item # 1-80408.00

Description:
US 60 from New Holt Road to Tractor Supply

PDP Project Manager
Austin Hart

