REQUEST FOR PROPOSAL
FOR
PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2027-05
Oldham | 5-80428 | I-71

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 -	Oldham
Route -	I-71
Item No. -	5-80428
Project Description -	Feasibility study for an additional connection on I-71 in northeast Oldham County

II. PROJECT INFORMATION

Project Manager -	Larry Chaney, P.E.
User Division -	Planning
Central Office Liaison -	Dave Heil, P.E.
Approximate Fee -	$400,000 Planning-Environmental Linkage (PEL) Study (Lump Sum)
Project Funding -	National Highway Performance Program (Federal Funds)
Project Length -	Approximately 2.9 miles

III. PURPOSE AND NEED

Oldham County continues to experience growth which increases travel demand on the local road network and at existing interchanges with I-71. This demand contributes to localized congestion, operational constraints at existing interchanges, and limited network redundancy during incidents or peak periods.

The objective of this Planning-Environmental Linkage (PEL) study is to evaluate the feasibility and potential benefits and costs of an additional connection to I-71 in northeast Oldham County. The study will identify and screen potential corridor and termini options, assess safe transportation performance for all users, and examine environmental and community considerations.

The study should consider concepts which improve safe regional connectivity and mobility, enhance accessibility to and within growing communities, reduce congestion on existing routes by improving traffic flow on and between major arterials and interstates, support local and regional land use, development, and growth objectives.

IV. SCOPE OF WORK

The selected Consultant will be required to provide engineering services to:

- Collect, summarize, and verify existing data to create an inventory of roadway items and possible geometric constraints.
- Gather and analyze crash data (utilizing methodologies outlined in the Highway Safety Manual, KTC research, and KYTC's Data Driven Safety Analysis Implementation Plan) and origin-destination data.
- Provide traffic forecasts for the existing, future no-build, and build scenarios.
- Draft purpose and need statement and identify project goals and logical termini.
- Conduct public involvement activities including stakeholder involvement and both virtual and in-person public meetings.
- Develop Public Meeting Notebook.
- Identify short- and long-term improvements and prioritize concepts using methodology consistent with SHIFT, including cost-benefit analysis.
- Provide actionable planning-level cost and time estimates for all future phases (D, R, U, C) including potential sources of risk and time/management contingencies, especially railroad involvement.
- Identify improvement concepts that may need to be coordinated with adjacent interstate widening projects.
- Complete an Environmental Overview as well as items necessary to constitute a Planning-Environmental Linkage (PEL) study, including the PEL checklist.
- Submit a summary of findings in a Final Report.

None, some, or all 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 further 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, including possible Interchange Access Justification Reports.

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.

Key information useful in the production of KYTC planning documents may be found at Planning Study Guidance.

VI. AVAILABLE STUDIES

99-394.00 I-71 Corridor Study (2014)

5-564.00 65-71 Regional Corridor Study (2020)

LaGrange Bypass Scoping Study (2002)

Oldham County Major Thoroughfare Plan (2003)

Oldham County Comprehensive Plan Update (2025)

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 will be provided by the Consultant. An Environmental Overview Report with a red flag summary will be required in the final report, alongside the PEL checklist and any additional environmental documentation which the project team determines. Environmental services necessary for the completion of Preliminary Engineering or Final Design may be added by contract modification at the appropriate time. Portions of the study document may be used as part of potential future NEPA documentation in accordance with PEL-related regulations. 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 the Planning Study. When the project advances to Preliminary and/or 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.

XI. GEOTECHNICAL SERVICES

A Geotechnical Overview may be provided by the Consultant; however, the department reserves the right to develop a Geotechnical Overview using state forces. A potential future 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.

XII. TRAFFIC ENGINEERING

The selected Consultant will provide analysis of the existing and proposed operations, including necessary traffic counts. Performance measures beyond Level of Service and volume-to-capacity should be explored, including 16-hour efficiency, 16-hour excess lane capacity, and total hours below capacity.

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 Consultant will be responsible for a planning-level estimate of utility costs that will be reviewed by the Department for accuracy. The Department will send project location maps to all potential utility contacts to determine whether they may have existing utilities within the project limits. The Department will develop the utility contact list. Facility atlas maps received for this project will be provided to the selected Consultant.

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 & 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

- Rural Roadway Design
- Urban Roadway Design
- *Photogrammetry & Related Services* (see note below)*
- *Surveying* (see note below)*

TRAFFIC ENGINEERING

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

TRANSPORTATION PLANNING

- Complex Transportation Planning Engineering
- Conceptual Transportation Planning
- Pedestrian & Bicycle Planning & Design
- Traffic Data Collection
- Traffic Forecasting
- Travel Demand & Simulation Modeling

Geotechnical Services (see note below)**

- *Standard Geotechnical Engineering**

Intelligent Transportation Systems (see note below)**

- *System Maintenance, Management & Operations**

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.*

XV. 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
- Scoping Conference: January 4, 2027
- Consultant Fee Proposal: January 11, 2027
- Contract Negotiations: January 22, 2027
- Notice to Proceed: February 12, 2027

XVI. PROJECT SCHEDULE

- Existing Conditions Meeting May 2027
- 1st Local Officials/Stakeholders/Public Meeting June 2027
- Initial Concepts Meeting August 2027
- 2nd Local Officials/Stakeholders/Public Meeting September 2027
- Refined Concepts/Prioritization Meeting November 2027
- Final Local Officials/Stakeholders Meeting December 2027
- Submit Final Report March 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 projects 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. (5 Points)

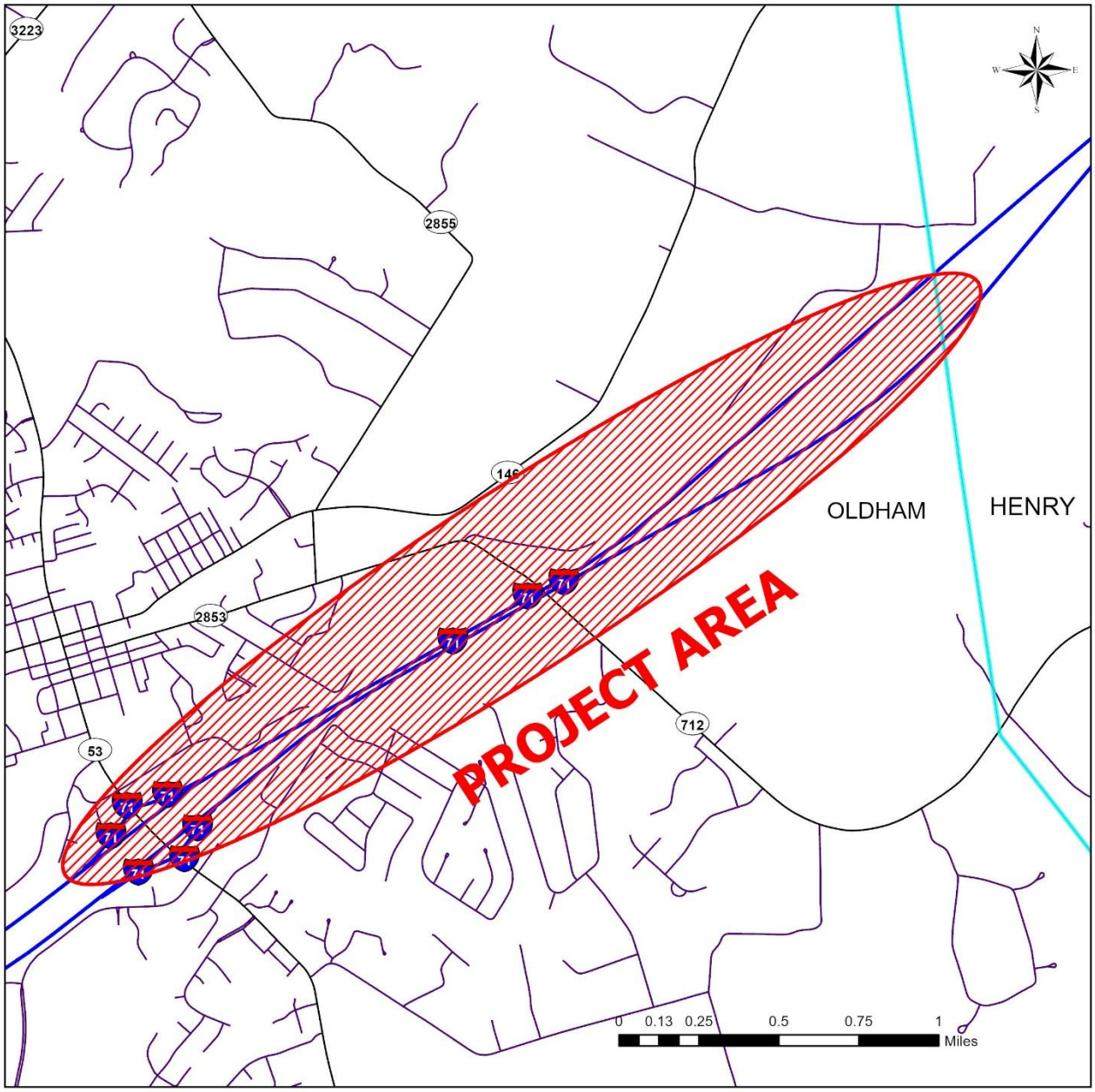
6. Consultant's approach to ensuring the accuracy, completeness, coordination, and quality of project deliverables throughout project development and delivery. Evaluation will consider QA/QC procedures, personnel qualifications, coordination and constructability practices, and methods for identifying and resolving errors, omissions, and conflicts while minimizing changes and issues during construction. (10 points)

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

XVIII. SELECTION COMMITTEE MEMBERS

1. Larry Chaney, P.E., User Division
2. Dave Heil, P.E., User Division
3. Ben Coomes, P.E., Secretary's Pool
4. Min Jiang, P.E., Secretary's Pool
5. Cindy Evensen, Governor's Pool

XIX. AREA MAP



Preconstruction Status for:
Item # 5-80428.00

Description:
Feasibility study for an additional connection on I-71 in northeast Oldham County

PDP Project Manager:
Larry Chaney



