

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2023-02
Ballard | 1-80250 | New Route

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 - | Ballard |
| Route - | New Route |
| Item No. - | 1-80250.00 |
| Project Description - | Conduct a Planning and Environmental Linkage (PEL) study for extending US-60 from Barlow, KY west to I-57 near Future City, IL. |

II. PROJECT INFORMATION

| | |
|--------------------------|-------------------------------------|
| Project Manager - | Chris Kuntz, P.E. |
| User Division - | Planning |
| Central Office Liaison - | Dave Heil, P.E. |
| Approximate Fee - | \$500,000 (Lump Sum) Planning Study |
| Project Funding - | State Priority Project (SPP) funds |
| Project Length - | Approximately 8 miles |

III. STUDY OBJECTIVE

Kentucky's FY 2022 – FY 2028 Highway Plan included this study to examine a transportation corridor and Ohio River crossing between Barlow, KY and I-57 near Future City, IL. This study will be conducted as a Planning and Environmental Linkage (PEL) study to fully examine the feasibility, costs, and impacts of the potential corridor and crossing.

This study will assume that the ongoing 1-1140.00 US-51 Bridge Replacement project does not advance beyond its current phase.

IV. DBE REQUIREMENT

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 needs to 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 demonstrate this plan. A maximum of five (5) points will be considered in the Evaluation Factors

for the DBE Participation Plan.

V. CONFLICT OF INTEREST

The following firms *will not be eligible* to perform services as part of a consultant team for this contract: Michael Baker International, HMB Professional Engineers, Inc., and HDR Inc.

VI. SCOPE OF WORK

The selected Consultant will be required to provide engineering services to complete a Planning & Environmental Linkage (PEL) study in accordance with FHWA regulations and guidance found in the [PEL questionnaire](#) including, but not limited to:

- Collect, summarize, and verify existing data to create an inventory of roadway items and possible constraints
- Draft purpose and need statement and identify project goals
- Identify, develop, screen, and refine multiple potential alternative solutions – including Ohio River crossings
- Conduct traffic forecast
- Conduct public, stakeholder, and resource agency coordination and involvement activities
- Review human and environmental resources and identify potential issues, impacts, and mitigation requirements (including cumulative impacts)
- Clearly document all analyses, findings, and decisions in a technical report

This project is not expected to be advanced to future phases with a Contract Modification.

VII. 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>

VIII. AVAILABLE STUDIES

- [Signed CE 3 \(2022\) - Ballard | 1-1140 | US-51](#)
- [Ohio River Bridge Alternative Study \(2014\) - Ballard | 1-100 | US-51](#)

IX. METHOD OF DESIGN

The selected Consultant shall utilize the most recent CADD Standards for Highway Plans Policy in the development of the highway plans.

X. ENVIRONMENTAL SERVICES

Any necessary Environmental Services are expected to be provided by the Consultant. A Planning-Environmental Linkage study typically includes analysis and terminology that is indicative of a NEPA Document. Prequalification of various Environmental Services are required to be identified in the Consultant's Response to Announcement.

XI. PHOTOGRAMMETRIC SERVICES

If photogrammetric information is not available for this project, the statewide LIDAR digital mapping is available for use. The selected Consultant shall supplement this information with conventional surveying as needed.

XII. STRUCTURE DESIGN

While structure design is not anticipated for this PEL study, the selected Consultant shall provide the necessary engineering services to determine impacts of any new or existing structures. Prequalification in the area of Structure Design for spans both greater and smaller than 500 feet is required to be identified in the Consultant's Response to Announcement.

XIII. GEOTECHNICAL SERVICES

The selected Consultant may provide all Geotechnical Services required for the project. At any time, if the Department has the capacity to provide these services, the Department may retain the advertised geotechnical services. A Department-produced Geotechnical Overview is expected to be included in the study.

XIV. 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.

XV. UTILITIES

The Consultant will be responsible for a planning-level estimate of utility costs that will be reviewed by the Department for accuracy.

XVI. 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 ARCHEOLOGY & 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
- Photogrammetry & Related Services
- *Surveying* (please see note below)*
- *Advanced Drainage Analysis & Design* (please see note below)*

STRUCTURE DESIGN

- Spans Under 500 Feet
- Spans Greater than 500 Feet

TRAFFIC ENGINEERING

- Traffic Engineering
- *Electrical Engineering Roadway Lighting* (please see note below)*

TRANSPORTATION PLANNING

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

*Geotechnical Services** (please see note below)

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

*Utility Design** (please see note below)

- *Electrical Level 1**
- *Utility Construction Inspection**
- *Utility Preconstruction Coordination**
- *Electrical Level 2**

- Gas Level 1*
- Communication*
- Water & Sewer Level 2*
- Water & Sewer Level 1*
- Gas Level 2*

* 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.

XVII. PROCUREMENT SCHEDULE

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

- Advertisement Date: August 9, 2022
- Response Date: August 31, 2022 by 4:30 PM ET (Frankfort Time)
- First Selection Meeting: September 2, 2022
- Final Selection: September 21, 2022
- Pre-Design Conference: September 28, 2022
- Consultant Fee Proposal: October 7, 2022
- Contract Negotiations: October 19, 2022
- Notice to Proceed: November 9, 2022

XVIII. PROJECT SCHEDULE

- Existing Conditions Meeting – February 2023
- 1st Round of Public/Stakeholder Engagement – April 2023
- Initial Alternatives Meeting – June 2023
- 2nd Round of Public/Stakeholder Engagement – July 2023
- Refined Alternatives Meeting – October 2023
- Submit Final Report – January 2024

XIX. 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. (30 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. (5 Points)
5. DBE Participation Plan. (5 Points)

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

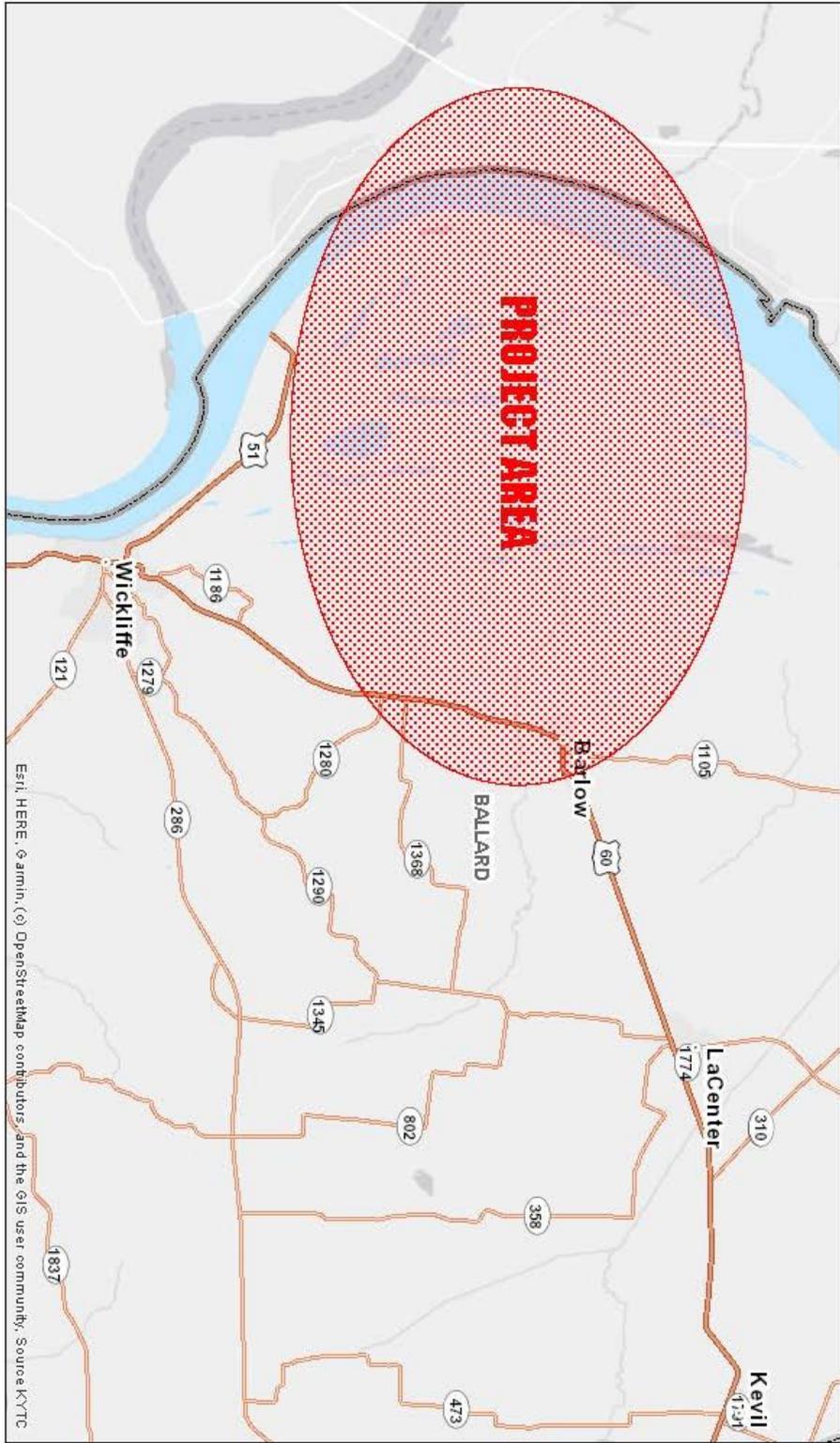
XX. SELECTION COMMITTEE MEMBERS

1. J.P. Tilley, P.E., User Division
2. Patrick Perry, P.E., User Division
3. Joseph Van Zee, P.E., Secretary's Pool
4. Stephen De Witte, P.E., Secretary's Pool
5. R. Bruce Scott, P.E., Governor's Pool

XXI. AREA MAP



| Legend | |
|--------|-----------------------|
| | City |
| | Kentucky |
| | County |
| | Lake |
| | Ohio River Shoreline |
| | DBNF Proclamation_Bnd |
| | Interstate |
| | Parkway |
| | US Highway |
| | State Road |



1-80250 - Ballard County



Author: Professional Services
Date: 7/21/2022

