

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2022-01
Caldwell | 1-187.60 | US-641

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 -	Caldwell
Route -	US-641
Item No. -	1-187.60
Project Description -	Relocate US-641 from the Lyon/Caldwell County line to US-641 north of Fredonia

II. PROJECT INFORMATION

Project Manager -	Chris Kuntz, P.E.
User Division -	Highway Design
Approximate Fee -	\$1,000,000 Final Roadway Design (Lump Sum)
Project Funding -	Federal Funds
Project Length -	Approximately 4.29 miles

III. PURPOSE AND NEED

The project purpose is to facilitate freight movement along the US-641 corridor from I-24 and I-69 to Marion, improve safety and improve access to regional recreational and tourist areas. Currently I-24 and I-69 are the only designated NHS and truck routes serving Lyon and Caldwell Counties. Crittenden County does not have any routes with these designations. Completing the freight connections will allow large trucks to legally access Marion and other portions of Crittenden, Lyon and Caldwell Counties. This section of existing US-641 also has a higher than expected crash rate. Moving traffic to a new route will improve the geometric deficiencies that have led to this increased crash rate.

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 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 perform Final Roadway Design for the project. At a minimum, this includes preparation of joint inspection plans, drainage design, right-of-way plans, construction plans, traffic control plans, final cost estimates and an anticipated construction schedule.

VI. SPECIAL INSTRUCTIONS

If interested, consultants shall submit responses to both Item 1-187.5 and 1-187.6 within the Consultant Portal. The proposals shall contain a Project Approach for both Projects. Section 7 (Project Approach) of the Consultant Response to Announcement may be expanded to a total of 8 pages, including DBE Participation Plan, to accommodate project approaches for both sections.

Two (2) different Consultants will be selected with each receiving a contract. The highest ranked Consultant selected will be given their choice of project, either Item 1-187.50 or 1-187.60. The second Consultant selected will receive the remaining project. A single Consultant will not be selected for both projects.

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

[Supporting Documents – Lyon & Caldwell | 1-187.50 & 1-187.60 | US-641](#)

[Draft VE Study 7-16-21 – Lyon & Caldwell | 1-187.50 & 1-187.60 | US-641](#)

~~*Expected to be available on July 16~~

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

The Department will provide any necessary Environmental Services required for the project.

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

The Department is expected to provide all Structure Design required for the project but 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 at the appropriate time. 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 is expected to provide all Geotechnical Services required for the project but the selected Consultant may be responsible for any necessary Geotechnical services. Geotechnical services necessary for the completion of Final Design may be added by contract modification at the appropriate time. Prequalification in the area of Geotechnical Design is not required to be identified in the Consultant's Response to Announcement.

XIII. TRAFFIC ENGINEERING

The Department will provide any necessary Traffic Engineering required for the project. Prequalification in the area of Traffic Engineering is not required to be identified in the Consultant's Response to Announcement.

XIV. UTILITIES

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 atlas maps received for this project will be provided to the selected Consultant. All utilities including aerial carriers shall be field-verified by the Consultant.

The selected Consultant will provide SUE (Subsurface Utility Engineering) work as needed to field-locate utilities. Horizontal and vertical location of existing utilities shown in the roadway plans shall be adjusted by the Consultant as necessary to reflect actual SUE results.

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:

Roadway Design

- Rural Roadway Design
- Surveying
- Advanced Drainage Analysis & Design
- *Advanced Traffic Engineering Design & Modeling* (please see note below)*

Geotechnical Services (please see note below)*

- *Geotechnical Engineering**

- Geotechnical Drilling*
- Geotechnical Laboratory Testing*

Structure Design (please see note below)*

- Spans Under 500 Feet*

Transportation Planning (please see note below)*

- Traffic Forecasting*
- Traffic Data Collection*

**Note – Advanced Traffic Engineering Design & Modeling, Transportation Planning, Structure Design, and Geotechnical Services 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: July 13, 2021
- Response Date: August 4, 2021 by 4:30 PM ET (Frankfort Time)
- First Selection: August 9, 2021
- Final Selection: August 25, 2021
- Pre-Design Conference: September 1, 2021
- Consultant Fee Proposal: September 10, 2021
- Contract Negotiations: September 22, 2021
- Notice To Proceed: October 13, 2021

XVII. PROJECT SCHEDULE

- Joint Inspection Meeting – May 1, 2022
- Right of Way Plans – September 1, 2022
- Final Construction Plans – May 1, 2023

XVIII. EVALUATION FACTORS

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

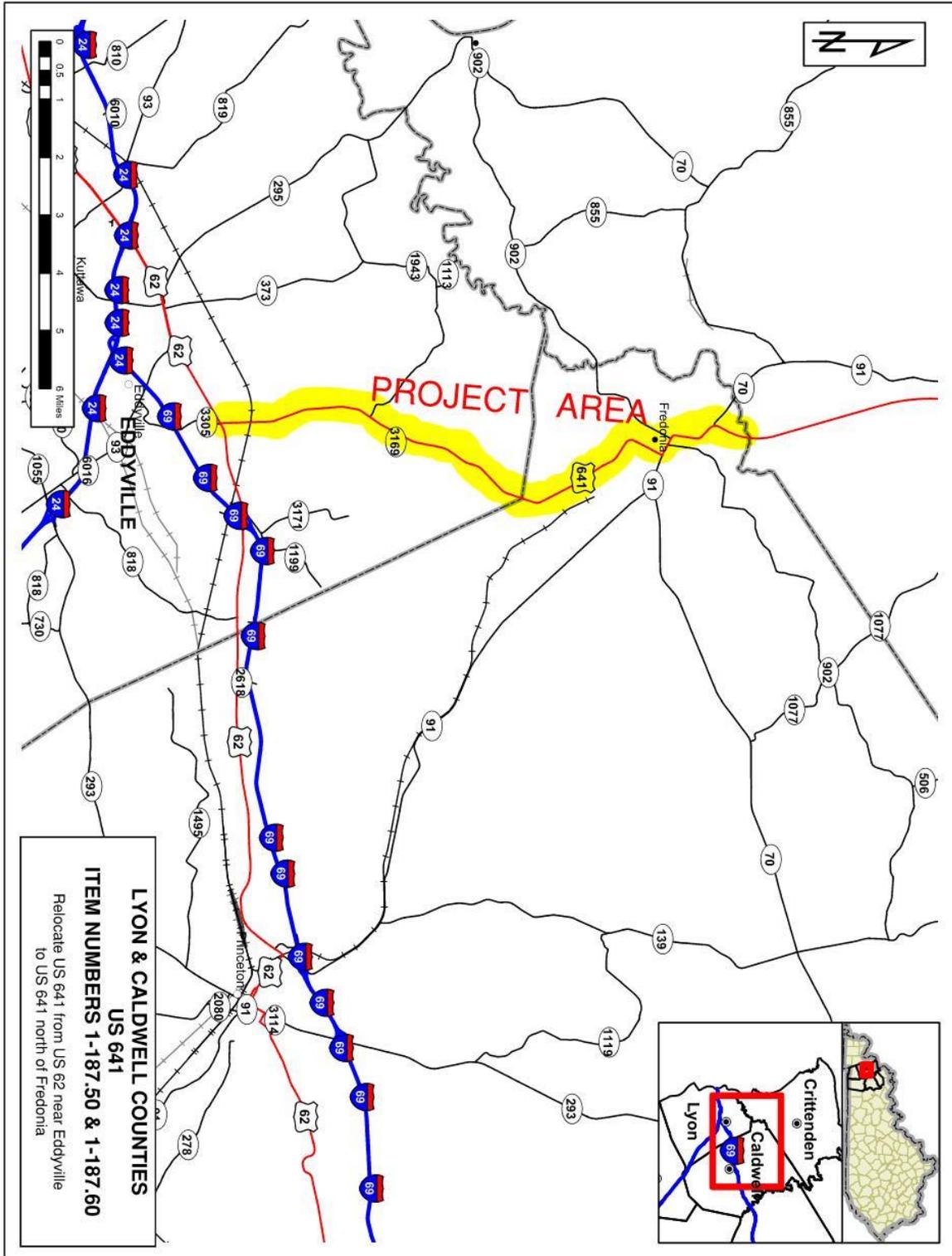
1. Project approach and proposed procedures to accomplish the services for the project. (20 Points)
2. Relative experience of consultant personnel assigned to project team with highway project for KYTC and/or federal, local or other state governmental agencies. (15 Points)
3. Past record of performance 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. Chris Kuntz, P.E., User Division
2. Patrick Perry, P.E., User Division
3. Erika Drury, P.E., Secretary's Pool
4. Joseph Van Zee, P.E., Secretary's Pool
5. John Greenwell, P.E., 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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LYON & CALDWELL COUNTIES
US 641
ITEM NUMBERS 1-187.50 & 1-187.60
 Relocate US 641 from US 62 near Eddyville
 to US 641 north of Fredonia

Date: 6/29/2021