

A REQUEST FOR PROPOSAL FOR PERSONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2013-10
Nelson/US 62/KY 55/KY 48
4-1078.00

This document constitutes a Request for Proposals for Personal 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 – Nelson

Routes – US 62 / KY 55 / KY 48

Item No. – 4-1078.00

Project Description – Replace culvert on US 62 over Hinkle Creek 0.012 miles E of KY 55 (SR 34.6) 090B00096N and replace bridge 090B00095N, KY 48 over E Fork of Simpson Creek (Refer to DNA Study)

II. PROJECT INFORMATION

Project Manager – John Moore, P.E.

Approximate Fee – \$350,000 (Lump Sum)

Project Funding – Federal Funds (BRO)

Contract Duration – Approximately 0.20 miles

III. PURPOSE AND NEED

Purpose: The purpose of this project is to improve the safety, mobility, and connectivity between Bloomfield and the surrounding counties.

Need: 090B00096N: sufficiency rating of 11.5 with moderate to extensive cracking and leeching in the pier wall, abutments, top slab and curb. The narrow deck geometry has also been classified as intolerable.

090N00095N: sufficiency rating of 49.6 with moderate deterioration of bearings of structural slab spans, spalling near the footings of the piers, and exposed rebar in the pier caps. The narrow deck geometry has also been classified as intolerable.

IV. DBE REQUIREMENT

None

V. SCOPE OF WORK

The selected consultant will be required to provide Preliminary Roadway Design, including the preparation of engineering studies, identification of appropriate typical sections, identifying any utility impacts, performing drainage design, developing dependable cost estimates, conducting and preparing documents for public meetings, and providing documents and/or plans to be used in obtaining an approved Environmental Document.

The consultant will provide Hec-Ras analysis to determine existing drainage characteristics and will provide up to 3 constructible alternatives for replacing/repairing the existing drainage structures (2 double barrel culverts and 1 bridge). A parallel culvert alignment running along US 62/KY 48 may be practical provided adjacent structures can remain undisturbed and a reasonable maintenance of traffic scheme developed.

This project will be advanced to Final Roadway Design, with a Contract Modification. The selected consultant will then be required to provide engineering services to perform Final Roadway Design, including the preparation of any design studies, drainage design, right-of-way plans, construction plans, traffic control plans, and cost estimates. Also included with the contract modification will be the required structural design for the project.

VI. SPECIAL INSTRUCTIONS

The Department may retain any of the services advertised in this document to be performed by in-house state forces.

Instructions for Response to Announcement can be found at:

<http://transportation.ky.gov/professional-services/pages/respond-to-an-announcement.aspx>

VII. AVAILABLE STUDIES

[Bridge Inspection Report 4-1078](#)

[DNA Study – US 62, Nelson County, Item 4-1078 – Bridge replacement over Hinkle Creek](#)

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.

IX. ENVIRONMENTAL

The Department will provide all necessary Environmental Services required for this project. A Categorical Level 1 (CE1) is anticipated; however, depending on the complexity of the Historical Element a Categorical Level 3 (CE3) is possible.

X. GEOTECHNICAL SERVICES

The Department will provide all Geotechnical Services for the project.

XI. STRUCTURE DESIGN

The Selected Consultant shall do the necessary engineering service to submit to the KYTC an Advanced Situation Folder(s) for the appropriate applicable structure(s). The Structure Design will be performed by the Selected Consultant. Prequalification in the area of Structure Design is required to be identified in the Consultant's Response to Announcement.

XII. TRAFFIC

Traffic projections and related information will be provided by the Department.

XIII. PHOTOGRAMMETRIC SERVICES/SURVEY

Photogrammetry is not required. The Department will provide existing ground survey data. The selected consultant will be responsible for any incidental survey work needed.

Additional survey information is available:

[4-1078_20_Scale.dgn](#)

[Bloomfield Overlay.pdf](#)

[Culvert_Model.dgn](#)

XIV. UTILITY DESIGN

The Department will provide any Utility related services for the project.

XV. PREQUALIFICATION REQUIREMENTS

To respond to this project, the project team must be prequalified in the following areas by the date of this advertisement.

ROADWAY DESIGN

- Urban Roadway Design
- Surveying

STRUCTURE DESIGN

- Spans under 500 feet

XVI. PROCUREMENT SCHEDULE

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

RESPONSE DATE • Wednesday, May 1, 2013 4:30 p.m. E.S.T. (Frankfort time)

1st SELECTION COMMITTEE • May 7, 2013

2nd SELECTION COMMITTEE • May 21, 2013

PRE-DESIGN CONFERENCE • May 27, 2013

TENTATIVE DEADLINE FOR CONSULTANT FEE PROPOSAL • June 14, 2013

CONTRACT NEGOTIATIONS • June 26, 2013

NOTICE TO PROCEED • August 1, 2013

XVII. PROJECT SCHEDULE

PRELIMINARY LINE AND GRADE – November, 2013

PRELIMINARY RIGHT-OF-WAY PLANS – December, 2013

FINAL JOINT INSPECTION – February, 2014

FINAL RIGHT-OF-WAY/UTILITY PLANS – March, 2014

FINAL PLANS – September, 2014

XVIII. EVALUATION FACTORS

1. Relative experience of consultant personnel assigned to project team with traffic engineering projects for KYTC and/or for federal, local or other state governmental agencies. (10 points)
2. Capacity to comply with project schedule. (10 points)
3. Past record of performance on project of similar type and complexity. (10 points)
4. Project approach and proposed procedures to accomplish the services for the project. (10 points)
5. Consultant's offices where work is to be performed. (2 points)

For state-funded projects, if a Selection Committee vote results in a tie between two (2) firms, one (1) of which will perform more of the work tasks in Kentucky than the other, then the former firm shall be ranked one (1) place ahead of the latter.

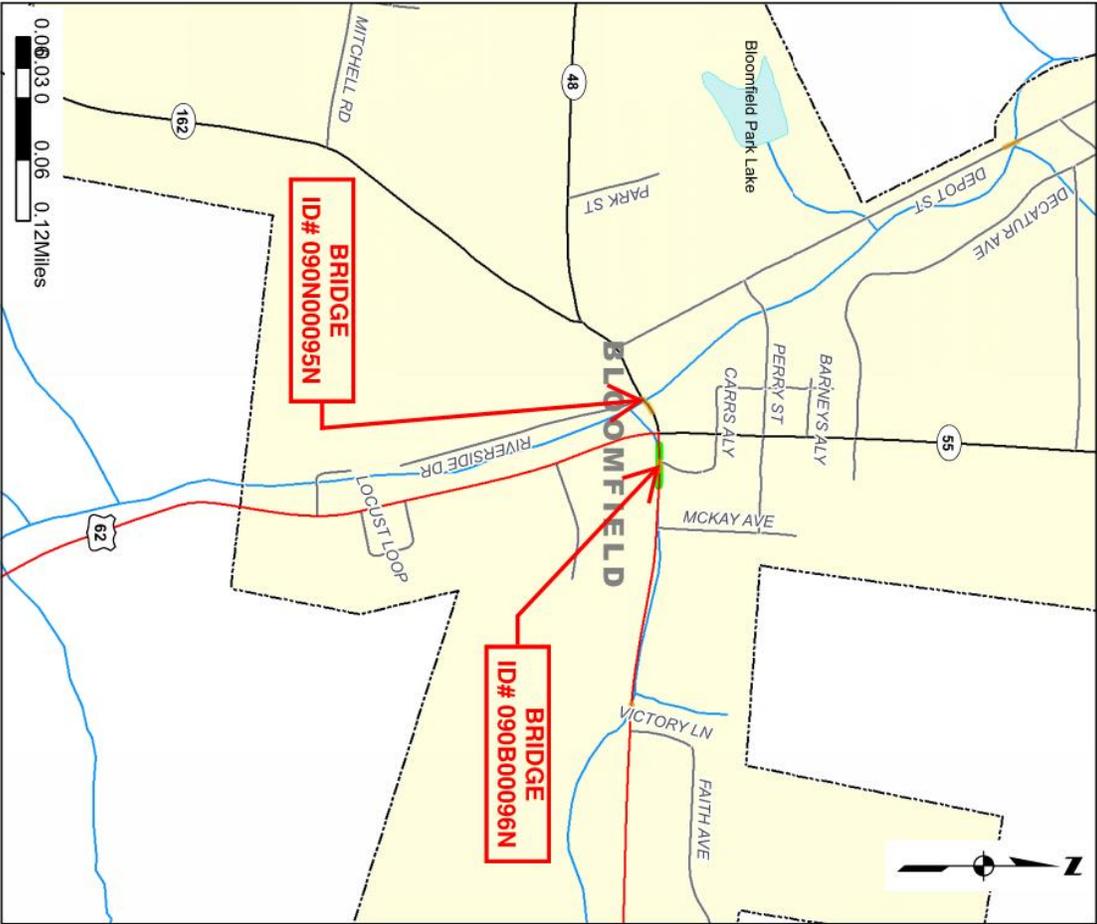
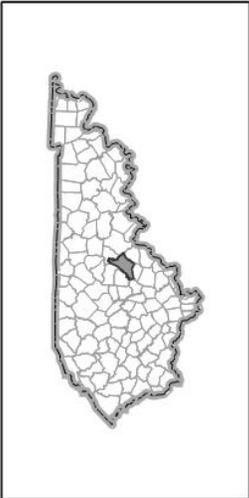
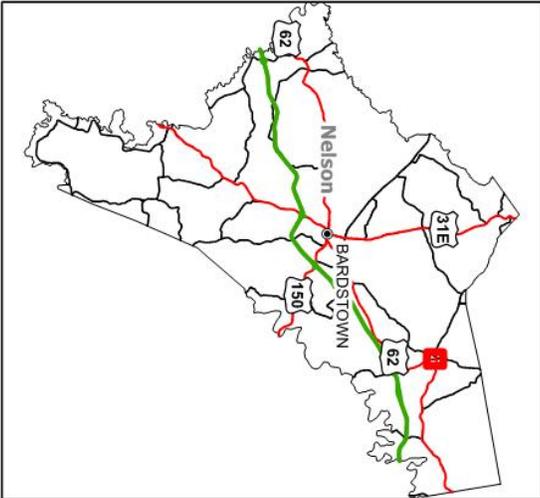
XIX. SELECTION COMMITTEE MEMBERS

1. Brad Bottoms, P.E., User Division
2. Brad Eldridge, P.E., User Division
3. Sam Hale, P.E., Secretary's Pool
4. Carl Van Zee, P.E., Secretary's Pool
5. Brad Rister, Governor's Pool

PROJECT MAP
NELSON COUNTY
ITEM NO. 04-1078.0

Replace bridge on US-62 over Hinkle Creek 0.012 miles E of KY 55 (SR 34.6) 090B00096N (additionally, 090B00095N, KY48 over E Fork of Simpson Creek. Refer to DNA Study)

Date: 3/26/2013



**NELSON COUNTY
CITY OF BLOOMFIELD
PROJECT AREA**

