

# A REQUEST FOR PROPOSAL FOR PERSONAL SERVICES CONTRACT

Department of Highways  
Professional Services Procurement Bulletin 2011-12  
Mercer/Garrard /KY 152/7-1116.00

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 – Mercer/Garrard

Route – KY-152

Item No – 7-1116.00

Project Description – Replace bridge and approaches on Ky. 152 over Herrington Lake at the Mercer/Garrard County line

## **II. PROJECT INFORMATION**

Project Manager – Ananias Calvin III, PE

User Division – Division of Highway Design

Approximate Fee – \$450,000 (Phase I Design & Environmental)

Project Funding – Federal (BRO)

Project Length – 0.34 miles

## **III. PURPOSE AND NEED**

The purpose of this project is to replace the bridge along Ky. 152 over Herrington Lake at the Mercer/Garrard County line. In the last 10 years there have been two maintenance/repair projects on this bridge. The most recent project was done to keep the bridge open and provide more time to move forward on replacing the bridge. The conditions of the bridge were so bad that it was decided that it was unlikely that the Cabinet would be able to keep the bridge open until the new bridge could be constructed, unless certain repairs were made immediately. The sufficiency rating improved from 2.0 to 28.9. The existing bridge is structurally deficient as well as functionally obsolete (geometric deficient). The lake draws a significant amount of tourism for several local businesses. There are several marinas, storage facilities, marine mechanics, and various shops located on both sides of the lake, all who rely heavily on the bridge crossing for both tourists and vendors to be able to access their property. The shortest detour around this bridge is over 30 miles in length and the portion of the detour route along US 68 near the Jessamine/Mercer County line is not very desirable, especially during the winter months. This does not include the local traffic and others that may also utilize this bridge crossing for school, work, and other reasons.

#### **IV. DBE REQUIREMENT**

Consultant team should include a DBE participation plan with their response to announcement. An additional page will be allowed with the Project Approach (page 7) in the response to announcement to convey 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 provide Phase I 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 which is anticipated being a CE Level 3.

This project will be advanced to Phase II Design, with contract modification. The selected consultant will then be required to provide engineering services to perform Phase II Roadway Design, including the preparation of any design studies, drainage design, right-of-way plans, construction plans, traffic control plans, and cost estimates. The selected Consultant will also be required to provide Structural Design services.

#### **VI. SPECIAL INSTRUCTIONS**

The Department reserves the option to modify the Selected Consultant's Agreement to include necessary engineering and/or related services for this project. The firm(s) will at that time be prequalified by the Department in the required area(s). The Department may retain any of the services advertised here to be performed by in-house state forces.

Instructions for Response to Announcement can be found at:

[http://transportation.ky.gov/progperform/instructions\\_for\\_response\\_to\\_kentucky\\_transportation\\_cabinet\\_6-9-09.pdf](http://transportation.ky.gov/progperform/instructions_for_response_to_kentucky_transportation_cabinet_6-9-09.pdf)

#### **VII. AVAILABLE STUDIES**

[Data Needs Analysis \(DNA\) Scoping Study – Herrington Lake](#)

#### **VIII. METHOD OF DESIGN**

The selected Consultant shall utilize the current CADD Standards for Highway Plans policy in the development of the highway plans.

#### **IX. PHOTOGRAMMETRIC SERVICES**

The Consultant will be responsible for conventional survey.

#### **X. ENVIRONMENTAL**

Any necessary Environmental Services will be provided by the Consultant. (CE Level 3 anticipated)

## **XI. GEOTECHNICAL SERVICES**

The Selected Consultant may provide all Geotechnical Services required for the project. Geotechnical Services may be negotiated and included in the original contract agreement or 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.

## **XII. STRUCTURE DESIGN**

The selected consultant shall do the necessary Engineering Services to submit to the KYTC Advanced Situation Folders for the applicable structures. The Structure Design will be performed by the Consultant. Structure Design Services may be added to the contract by contract modification. Prequalification in the area of structure design is required to be identified in the Consultant's Response to Announcement.

## **XIII. TRAFFIC**

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

## **XIV. PREQUALIFICATION REQUIREMENTS**

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

### ROADWAY DESIGN

- [Rural Roadway Design](#)
- [Surveying](#)

### STRUCTURE DESIGN

- [Spans under 500 feet](#)

### GEOTECHNICAL SERVICES

- [Laboratory testing services](#)
- [Drilling services](#)
- [Engineering Services](#)

### ENVIRONMENTAL AQUATIC & TERRESTRIAL ECOSYSTEMS ANALYSIS

- [Macroinvertebrates](#)
- [Water Quality](#)
- [Botany](#)
- [Zoology](#)
- [Wetlands](#)

## ENVIRONMENTAL ARCHAEOLOGY AND OTHER SERVICES

- [Prehistoric](#)
- [Historic](#)
- [Highway Noise](#)
- [Air Quality Analysis](#)
- [Cultural-Historic Analysis](#)
- [EIS Writing and Coordination](#)

## ENVIRONMENTAL AND UST SERVICES

- [Hazmat Preliminary Site Assessment \(Phase I\)](#)
- [UST Preliminary Site Assessment](#)

## **XV. PROCUREMENT SCHEDULE**

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

RESPONSE DATE • July 13, 2011 4:30 p.m. E.S.T. (Frankfort time)

FIRST SELECTION COMMITTEE • July 18, 2011

SECOND SELECTION COMMITTEE • August 1, 2011

PRE-DESIGN CONFERENCE • August 15, 2011

TENTATIVE DEADLINE FOR CONSULTANT FEE PROPOSAL • September 5, 2011

CONTRACT NEGOTIATIONS • September 19, 2011

NOTICE TO PROCEED • November 1, 2011

## **XVI. PROJECT SCHEDULE**

Individual project schedules will be by letter agreement on a project by project basis.

PRELIMINARY LINE AND GRADE • March 2012

ENVIRONMENTAL ASSESSMENT • May 2012

JOINT INSPECTION • December 2012

RIGHT-OF-WAY PLAN SUBMITTAL • February 2013

FINAL ROADWAY PLANS • February 2014

FINAL STRUCTURE PLANS • February 2014

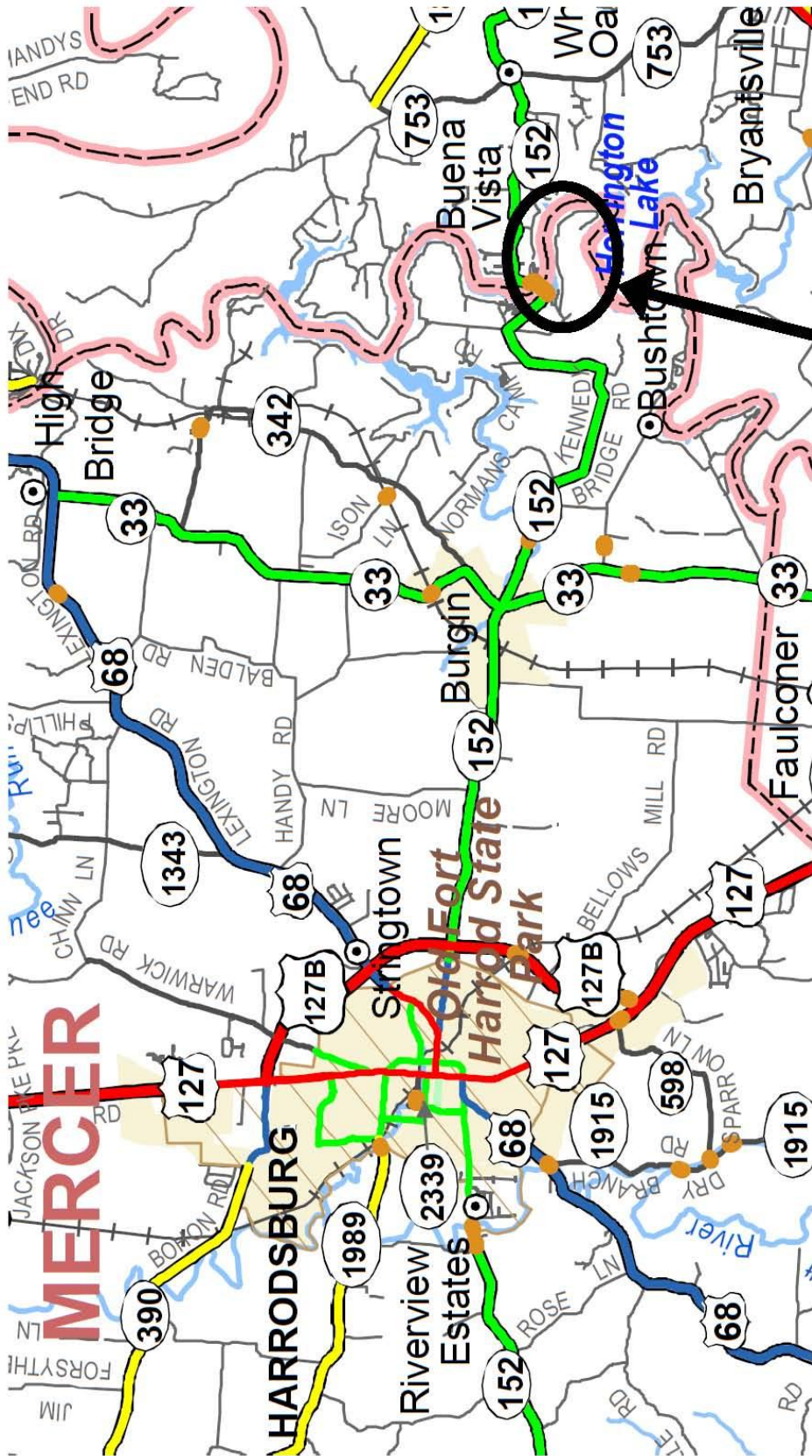
## **XVII. EVALUATION FACTORS**

1. 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)
2. Capacity to comply with project schedule. (15 points)
3. Past record of performance on project of similar type and complexity. (15 points)
4. Project approach and proposed procedures to accomplish the services for the project. (15 points)
5. DBE Participation Plan (4 Points)
6. 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.

## **XVIII. SELECTION COMMITTEE MEMBERS**

1. Ananias Calvin III, PE, User Division
2. Bill McKinney, PE, User Division
3. Brian Meade, PE, Secretary's Pool
4. Boday Borres, PE, Secretary's Pool
5. Linda Wagner-Justice, PE, Governor's Pool



**Project Location**