

A REQUEST FOR PROPOSAL FOR PERSONAL SERVICES CONTRACT

Department of Highways Professional Services Procurement Bulletin 2012-09 Ballard /US 51/ 1-100.00 & 1-1140.00

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 – Ballard

Route – US 51

Item No – 1-100.00 & 1-1140.00

Project Description – US 51 Ohio River Bridge engineering and environmental studies to replace/rehabilitate existing bridge and evaluate a new bridge.

II. PROJECT INFORMATION

Project Manager – Michael McGregor, PE

User Division – Division of Highway Design

Approximate Fee – \$500,000.00

Project Funding – (KYD)

Project Length – Approximately 1.25 miles

III. PURPOSE AND NEED

The purpose of this project is to replace/rehabilitate the existing 75 year old, 31-span (5865' total length) Composite Span Bridge (004B00021N) while providing a safe, reliable roadway and giving due consideration to future transportation needs and appropriate corridor alternatives. The existing bridge on US 51, mp 7.949, over the Ohio River has a sufficiency rating of 35.4. The structure width is 22.6 feet curb to curb with an approaching roadway width of 24 feet including shoulders. The deck geometry and approach alignment are intolerable. The goal of the project is to provide a constructible and affordable structure that will improve safety and the substandard load capacity of the functionally obsolete bridge.

IV. DBE REQUIREMENT

The Consultant team shall include a DBE Participation Plan with their response to announcement. An additional page will be allowed with the project approach 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 conduct preliminary engineering studies as well as an environmental overview that result in refined alternates, grade, and roadway geometrics, including a conceptual bridge type selection. Due consideration must be given to rehabilitating/replacing the existing bridge and placement of a new bridge such that future transportation needs in the area are evaluated and addressed. The consultant will be required to provide appropriately developed cost estimates for potential construction, right of way and utility relocation phases. If additional funds become available for the US 51 Bridge, a contract modification may be executed for the following: NEPA documentation, completion of preliminary line and grade, seismic/in-depth geotechnical engineering, development of financing options/comprehensive financial plan consistent with the programming needs of KYTC, IDOT, and FHWA.

VI. SPECIAL INSTRUCTIONS

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

The selected consultant's contract will not be modified to include final design services. The Department will re-advertise for final roadway design and final structure design.

Instructions for Response to Announcement can be found at:

<http://transportation.ky.gov/Professional-Services/Pages/Respond-to-an-Announcement.aspx>

VII. AVAILABLE STUDIES

- 1) [2010 Fracture Critical Report for 004B00021N](#)
- 2) [Plan & profile of Existing Cairo Bridge](#)

VIII. METHOD OF DESIGN

The selected Consultant shall develop highway plans utilizing the most recent CADD Standards for Highway Plans Policy.

IX. PHOTOGRAMMETRIC SERVICES

The Department will be responsible for obtaining aerial photography or equivalent.

X. ENVIRONMENTAL

The Consultant will provide all necessary Environmental Services for the development of a Cultural Historic Base Study and Environmental Overview for the project area. The objective of these analyses in the preliminary engineering phase is to develop viable alternatives which would provide an appropriate highway level of service, commensurate with a general understanding of potential social, economic, and environmental issues.

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.

Prequalification in Geotechnical Engineering and Laboratory service and Geotechnical Drilling are required.

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 to determine the preliminary size of the structure(s) involved. Prequalification in structure design is required for responding to this advertisement. The selected consultant's contract will not be modified to include final structure design services. The Department will re-advertise for final roadway design and final structure design services.

XIII. TRANSPORTATION PLANNING/PRELIMINARY ROADWAY DESIGN

The selected consultant shall provide identification and refinement of bridge location alternatives. Appropriately developed preliminary plans shall be provided by the consultant incorporating plan and profile of refined alignments.

XIV. TRAFFIC

The Department will provide all necessary Traffic Projections and related information required for this project.

XV. 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 > \\$300,000](#)
- [Surveying](#)

STRUCTURES

- [Spans over 500 feet](#)

GEOTECHNICAL SERVICES

- [Engineering Services](#)
- [Laboratory Testing Services](#)
- [Drilling Services](#)

ARCHAEOLOGY AND OTHER SERVICES

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

AQUATIC TERRESTRIAL ECOSYSTEMS

- [Fisheries](#)
- [Macro-invertebrates](#)
- [Water Quality](#)
- [Botany](#)
- [Zoology](#)
- [Wetlands](#)

ENVIRONMENTAL & UST/HAZMAT

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

XVI. PROCUREMENT SCHEDULE

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

RESPONSE DATE • April 11th, 2012 4:30 p.m. E.S.T. (Frankfort time)

FIRST SELECTION COMMITTEE • April 16th, 2012

SECOND SELECTION COMMITTEE • May 7th, 2012

PRE-DESIGN CONFERENCE • May 14th, 2012

TENTATIVE DEADLINE FOR CONSULTANT FEE PROPOSAL • July 1st, 2012

CONTRACT NEGOTIATIONS • August 1st, 2012

NOTICE TO PROCEED • September 1st, 2012

XVII. PROJECT SCHEDULE

The following Project Schedule applies to both Calloway 1-1132.00 and Graves 1-1137.00

DRAFT REPORT • July 1st, 2013

FINAL REPORT • October 1st, 2013

XVIII. 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.

XIX. SELECTION COMMITTEE MEMBERS

1. Mike McGregor, PE, User Division
2. David Martin, PE, User Division
3. Joe Plunk, PE, Secretary's Pool
4. Steve Farmer, PE, Secretary's Pool
5. TBD, Governor's Pool



Item Nos. 1-100/1140

US 51, Ballard County

Scoping Study for the Replacement Options

for US 51 Bridge over Ohio River