

**Professional Services
Procurement Bulletin
2007-03
Marshall/Trigg**

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| COUNTY | <i>Marshall/Trigg</i> |
| ROUTE | <i>US 68/KY 80</i> |
| DISTRICT | <i>1-Paducah</i> |
| ITEM NO | <i>1-0180.60 & 1-180.70</i> |
| PROJECT DESCRIPTION | <i>Bridge Type Study and Final Design for New Bridge over Lake Barkley/New Bridge over Kentucky Lake.</i> |
| PROJECT MANAGER | <i>Timothy Choate, P.E., L.S. District One Project Team is responsible for the overall management of the project.</i> |
| USER DIVISION | <i>KYTC District One/Division of Structure Design</i> |
| APPROXIMATE FEE | <i>\$1,000,000.00 Bridge Type Study \$12,000,000.00 Final Design for Both Bridges</i> |
| PROJECT FUNDING | <i>Federal Bridge Replacement (BRO)</i> |
| PURPOSE AND NEED | <i>Safety</i> |
| PROJECT LENGTH | <i>0.6/1.2 miles</i> |
| METHOD OF DESIGN | <i>The selected consultant shall utilize the CADD Standards for Highway Plans (version 2.0) policy in the development of the Highway Plans.</i> |
| DBE REQUIREMENT | <i>Consultant team should include a DBE Participation Plan with their response to announcement. An additional 2 pages have been added to the project approach in response to announcement to convey this plan. A maximum of 10 points will be considered in the evaluation factors to DBE Participation Plans.</i> |

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| <p>SCOPE</p> | <p><i>The selected consultant will be required to provide engineering services to perform bridge type selection and preliminary and final sub-structure design and preliminary and final superstructure design relative to both bridges.</i></p> |
| <p>SPECIAL INSTRUCTIONS</p> | <p><i>The selected consultant's contract will initially be for the Bridge Type Study and will be modified for final design plans for both structures. The consultant shall present a management team with all the necessary disciplines and adequate manpower to complete the project within the necessary time frame.</i></p> <ol style="list-style-type: none"> <i>1. The FONSI and Section 4(f) Evaluation are currently under final review by KYTC and FHWA. The FONSI states that a Citizen's Advisory Committee will be formed with public involvement (Section 5.9, Aesthetics)</i> <i>2. KYTC District One-Paducah Office will be the user division.</i> <i>3. All sub-consultant firms should be prequalified prior to the date of this advertisement.</i> <i>4. The use of any and all sub-consultants is subject to the approval of KYTC.</i> <i>5. Page 7 Project Approach in the Response to This Announcement may be expanded to a maximum of 16 pages (A-P) and should include the approach to the public involvement process and the DBE Participation Plan.</i> <i>6. The bridges will need to be designed to accommodate a separated hike/bike trail.</i> <i>7. The consultant will be responsible for providing all photographs and visualizations during the selection process.</i> <i>8. Page 4 "Relative Experience of Key Project Team Members in the Response to This Announcement" may be expanded to a maximum of 10 pages (A-J) and may include up to 20 key project personnel, including the project manager.</i> <i>9. Page 5 "Available Team Workload Capacity in the Response to This Announcement" may be expanded to a maximum of 4 pages (A-D) to accommodate the additional key project personnel and projects.</i> <i>10. Page 6 "Relative Experience of Proposed Team in the Response to This Announcement" may be expanded to a maximum of 10 pages (A-J) to accommodate an additional 5 projects, up to a total of 10 projects.</i> <p><i>Please note the new guidelines for responding to project bulletins should be used. <u>Instructions Response to Kentucky Transportation Cabinet.pdf</u></i></p> |

**AVAILABLE
STUDIES**

1. Environmental Document (FONSI)

2. Geotechnical reports

3. Phase I Plans

4. Visualizations of Roadway through LBL.

A CD containing the alignment in .dgn format and other information above is available for review.

Consultants may obtain copies from:

Lynn Imaging

1122 US Highway 127 South, Frankfort, Kentucky 40601

Phone: 502-875-8341 www.lynnimaging.com

Costs will be set by Lynn Copies.

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| PHOTO-GRAMMETRIC SERVICES | <i>Department</i> |
| STRUCTURE DESIGN | <i>The selected consultant shall provide preliminary and final structure design services for both structures. The selected consultant's contract will initially be for the Bridge Type Study and will be modified for final design plans for both structures.</i> |
| GEOTECHNICAL SERVICES | <i>A Geotechnical Report has been prepared for the existing earthen approach embankments and proposed modifications to those embankments. It has been approved by the Department and is available for review. The Department will provide any additional geotechnical services relative to bridge type selection.</i> |
| TRAFFIC | <i>Department Traffic projections and related information will be provided by the Department.</i> |
| ENVIRONMENTAL | <i>The FONSI and Section 4 (f) Evaluation are currently under final review by KYTC and FHWA. The FONSI states that a Citizen's Advisory Committee will be formed with public involvement (Section 5.9, Aesthetics) The Department will provide any additional environmental services associated with bridge type selection decisions.</i> |
| UTILITY | <i>Bridges will need to accommodate existing utilities and make provisions for future utility lines. Team shall be prepared to evaluate power requirements for potential lighting schemes.</i> |
| MAP | <i><u>1-180.60</u> <u>1-180.70</u></i> |

PREQUALIFICATION REQUIREMENTS

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| <u>STRUCTURE DESIGN</u> | <ul style="list-style-type: none"> • <i>Spans > 500 feet</i> <i>Consultant shall demonstrate expertise in several long span bridge types.</i> |
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PROJECT SCHEDULE & MILESTONES

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| <i>RESPONSE DATE</i> | <i>October 11, 2006, 4:30 p.m. (Frankfort Time)</i> |
| <i>SELECTION COMMITTEE DATE MEETING</i> | <i>October 25, 2006</i> |
| <i>PRE-DESIGN CONFERENCE</i> | <i>November 8, 2006</i> |
| <i>TENTATIVE DEADLINE FOR CONSULTANT FEE PROPOSAL</i> | <i>December 20, 2006</i> |
| <i>CONTRACT NEGOTIATIONS</i> | <i>January 10, 2007</i> |
| <i>NOTICE TO PROCEED</i> | <i>February 7, 2007</i> |
| <i>COMPLETION OF BRIGDE TYPE STUDY</i> | <i>January, 2008</i> |
| <i>PRELIMINARY STRUCTURE PLANS</i> | <i>June, 2008</i> |
| <i>FINAL STRUCTURE PLANS</i> | <i>June, 2009</i> |

The selected consultant is expected to meet the scheduled milestone dates

EVALUATION FACTORS

- 1. Relative experience of consultant personnel assigned to project team with highway projects for KYTC and/or for federal, local or other state governmental agencies. (20 points)*
- 2. Capacity to comply with project schedule. (20 points)*
- 3. Past record of performance on major (over 500-ft span) bridge projects. (20 points)*
- 4. Project approach and proposed procedures to accomplish the services for this project including project schedule, cost, and project complexity due to location and the environmental issues and constraints as identified in the FONSI. (18 points)*
- 5. Public involvement approach and the development of aesthetic details, such as, but not limited to: signature structures, themes for the gateway to the LBL, and incorporating natural landscapes into the project. (20 points)*
- 6. DBE Participation Plan (10 points)*
- 7. Consultant's Kentucky office where work is to be performed. (2 points)*

75% - 100% of work accomplished in Kentucky offices - 2 points

26% - 74% of work accomplished in Kentucky offices - 1 point

0% - 25% of work accomplished in Kentucky offices - 0 points

SELECTION COMMITTEE MEMBERS

- 1. Tim Choate, P.E., User Division*
- 2. Mark Hite, P.E., User Division*
- 3. Shari Greenwell, Secretary's Pool*
- 4. Danl Hall, Secretary's Pool*
- 5. Howard Cruse, Governor's Pool*