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| COUNTY | Henry-Owen | |
| ROUTE | KY 22 | |
| ITEM NUMBER | 5-1031.00 | |
| DISTRICT | 5 (Louisville) | |
| PROJECT DESCRIPTION | Replace bridge and approaches over the Kentucky River at Gratz on the Henry-Owen County Line. | |
| USER DIVISION | Highway Design | |
| APPROXIMATE FEE | <$1,500,000 (including Phase I Design, Environmental, Phase 2 Design, Geotechnical Investigation and Structural Design) including no more than 15% operating margin | |
| PROJECT MANAGER | Kevin Villier P.E. | |
| PURPOSE AND NEED | To replace a structurally deficient and functionally obsolete bridge. | |
| PROCUREMENT SCHEDULE | RESPONSE DATE | Thursday, August 3, 2000, 4:30 p.m. Frankfort time |
| | FIRST SELECTION COMMITTEE DATE | August 8, 2000 |
| | SECOND COMMITTEE DATE | August 16, 2000 |
| | PRE-DESIGN CONFERENCE | August 23, 2000 |
| | TENTATIVE DEADLINE FOR CONSULTANT FEE PROPOSAL | August 30, 2000 |
| | CONTRACT NEGOTIATIONS | September 7, 2000 |
| | NOTICE TO PROCEED | November 15, 2000 |
| PROJECT SCHEDULE MILESTONES | RECEIVE AERIAL MAPPING | April 1, 2001 |
| | ENVIRONMENTAL BASE STUDIES SUBMITTED | October 1, 2001 |
| | ALTERNATIVES READY FOR PROJECT TEAM MEETING | December 1, 2001 |
| | DRAFT ENVIRONMENTAL ASSESSMENT | February 1, 2002 |

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| | PUBLIC HEARING | June 1, 2002 |
| | PRELIMINARY LINE & GRADE | July 1, 2002 |
| | SUBMIT DES/PRELIMINARY DESIGN COMPLETE | August 1, 2002 |
| | EA FONSI | September 1, 2002 |

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 KTC 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 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.

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| | 0% - 25% of work accomplished in Kentucky offices – 0 points. |
| SELECTION COMMITTEE MEMBERS | 1. Kevin M. Villier, P.E. User Division<br>2. David Jones, P.E. User Division<br>3. Ken Sperry, P.E. Secretary's Pool<br>4. Lonnie Yates, P.E. Secretary's Pool<br>5. Peggy Fortney, P.E. Governor's Pool |
| DBE REQUIREMENT | None |
| SPECIAL INSTRUCTIONS | The Department reserves the option to modify the selected consultant's agreement to include any 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).<br><br>The initial contract shall be to provide Preliminary Engineering (Phase 1 Design) and Environmental. The Department may decide to proceed with the final design for this project in the future. The Department will decide at that time whether to advertise for future project phases including Phase 2 final design and/or structure design or negotiate with the selected consultant. |
| SCOPE | Conduct preliminary engineering studies to identify appropriate typical section, line and grade, dependable cost estimate, and the preparation for approval of the appropriate environmental document. The environmental document at this time is expected to be an Environmental Assessment/FONSI. |
| AVAILABLE KTC STUDIES | None |
| PROJECT LENGTH | 2.0 - 4.0 miles (dependant on alternative) |
| METHOD OF DESIGN | X English Units<br><br>X CADD Capability (with DGN Intergraph Design File Format)<br><br>_ CADD Based Automated Highway Design System<br><br>X Digital Terrain Modeling |
| ENVIRONMENTAL | An environmental document shall be prepared by the consultant for review and approval by the Department and the Federal Highway Administration. The appropriate environmental document at this time is expected to be an Environmental Assessment, FONSI. |

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| PHOTOGRAMMETRIC SERVICES | The Department will be responsible for obtaining the aerial photography and will furnish manuscripts on computer disks in DGN format. |
| STRUCTURE DESIGN | The selected consultant shall do the necessary engineering services to determine the preliminary sizes of bridges and/or other drainage structures. A determination as to whether the necessary structural design services will be performed by the Department or will be the responsibility of the consultant will be made at a later date. However, prequalification in the area of structure design **is** required to be identified in the Consultant's Response to Announcement. |
| GEOTECHNICAL SERVICES | It has been determined that all the geotechnical services will be the responsibility of the consultant. Prequalification in the area of geotechnical services **is** required to be identified in the consultant's response to announcement. |
| PROJECT FUNDING | Federal and State funds (BRO funds) |
| TRAFFIC | Traffic projections and related information will be provided by the Department. The existing traffic volume is approximately 1300 ADT. |
| UTILITY DESIGN | The selected consultant may be requested to provide utility services for this project, which may include construction inspection. Prequalification in this area is not required to be identified in the consultant's Response to Announcement. However, prequalification will be required in this area should the consultant be requested to perform this activity. |
| PREQUALIFICATION REQUIREMENTS | The project team shall be prequalified in all areas as follows: |

ROADWAY DESIGN

- Rural Roadway Design > $250,000
- Surveying

STRUCTURE DESIGN

- Spans under 500 feet
- Culvert Design

GEOTECHNICAL SERVICES

- Laboratory Testing
- Drilling
- Engineering

ENVIRONMENTAL SERVICES

ARCHEOLOGY

- Prehistoric
- Historic
- Highway Noise
- Air Quality Analysis
- Cultural Historic Analysis
- EIS Writing & Coordination
- Socioeconomic Analysis

AQUATIC/TERRESTRIAL ECOSYSTEMS

- Fisheries
- Macroinvertebrates
- Water Quality
- Botany
- Zoology
- Wetlands

HAZMAT/UST

- Preliminary Site Assessment

LOCATION MAP:

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