



# PROFESSIONAL SERVICES PROCUREMENT BULLETIN

## 2007-01

### JESSAMINE/FAYETTE/MADISON

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|---------------------|---|
| COUNTY              | Jessamine, Fayette, Madison   |
| ROUTE               | New   |
| DISTRICT            | 7-Fayette   |
| ITEM NO             | 7-249.00  |
| PROJECT DESCRIPTION | Feasibility Study to evaluate potential corridors for a new connector route from US 27 in the vicinity of Nicholasville in Jessamine County to a location on I-75 south of exit 104 (Athens-Boonsboro Road) in Fayette County and at or north of exit 90 (Dr. Robert R. Martin Bypass) in Madison County.   |
| PROJECT MANAGER     | Stuart Goodpaster, P.E.   |
| USER DIVISION       | Planning  |
| APPROXIMATE FEE     | <\$400,000 including no more than a 15% operating margin.   |
| PROJECT FUNDING     | High Priority Projects  |
| PURPOSE AND NEED    | The preliminary project purposes are: 1) Promote Homeland Security initiatives by providing relief and protection from potential problems that may result from any major impacts to I-75 and the Clays Ferry Bridge, a critical asset and key infrastructure in the national transportation system; 2) Improve connectivity and increase system capacity while reducing congestion on portions of the National Highway System (NHS) and National Truck Network (NN). I-75 is heavily traveled with between 39,900 and 80,900 vehicles per day (vpd) using I-75 through Fayette and Madison counties in 2004. Approximately 25 to 30 percent of these vehicles are trucks. This project would provide improved connectivity between US 27 and I-75 south of Lexington and would provide a relief route in case of a "homeland security" incident or other emergency at the Clays Ferry Bridge on I-75. |

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| PROJECT LENGTH       | Approximately 14 to 17 miles.   |
| METHOD OF DESIGN     | N/A   |
| DBE REQUIREMENT      | Consultant team should include a DBE participation plan with their response to announcement. An additional page will be allowed in the project approach in response to announcement to convey this plan. A maximum of 4 points will be considered in the evaluation factors to DBE participation.   |
| AVAILABLE STUDIES    | <p>Scoping study for US 27/I-75 Connector in Garrard and Madison Counties June 2000.</p> <p>"US 27 North Corridor Access Management Plan" - January 1999.</p> <p>"Northeast Jessamine Transportation Study" - June 2003.</p> <p>The following studies will be available for review in the Division of Program Performance, between the hours of 9:00 a.m. and 3:00 p.m. (EDT). July 11<sup>th</sup> 2006 until August 16, 2006. Consultants may obtain copies from Lynn Imaging, 1122 US Highway 127 South, Frankfort, Kentucky 40601, Phone: 502/875-8341. Costs will be set by Lynn Imaging.</p>  |
| SCOPE                | The selected consultant will provide engineering services for the completion of a feasibility study to identify and evaluate potential corridors for a new connector route from US 27 in the vicinity of Nicholasville in Jessamine County to a location on I-75 south of exit 104 (Athens-Boonesboro Road) in Fayette County and at or north of exit 90 (Dr. Robert R. Martin Bypass) in Madison County. Activities include but may not be limited to an inventory of existing conditions, establishing project purpose and goals, proposing and analyzing alternate corridors and improvement options, conducting public involvement activities throughout the study process, and writing a technical report to document the study process and results. |
| 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). Please note the new guidelines for responding to project bulletins should be used. <b><u>Instructions Response to Kentucky Transportation Cabinet.pdf</u></b>  |

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|---------------------------|--|
| PHOTO-GRAMMETRIC SERVICES | Consultant responsible for obtaining aerials or equivalent for meeting displays. |
| STRUCTURE DESIGN          | None   |
| GEOTECHNICAL SERVICES     | Geotechnical Overview  |
| TRAFFIC                   | Consultant   |
| ENVIRONMENTAL             | Environmental Footprint and/or Environmental Overview                            |
| MAP                       | <u>Map</u>   |

## PREQUALIFICATION REQUIREMENTS

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| <u>ROADWAY DESIGN</u>                        | <ul style="list-style-type: none"> <li>• Rural Roadway Design</li> </ul>  |
| <u>TRANSPORTATION/<br/>CORRIDOR PLANNING</u> | <ul style="list-style-type: none"> <li>• Highway Planning Services</li> <li>• Traffic Forecasting</li> </ul>  |
| ENVIRONMENTAL                                | <u>ARCHAEOLOGY</u> <ul style="list-style-type: none"> <li>• Prehistoric</li> <li>• Historic</li> <li>• Highway Noise</li> <li>• Air Quality Analysis</li> <li>• Socioeconomic Analysis</li> <li>• Cultural Historic Analysis</li> <li>• EIS Writing and Coordination</li> </ul> <u>AQUATIC/TERRESTRIAL ECOSYSTEMS</u> <ul style="list-style-type: none"> <li>• Fisheries</li> <li>• Macroinvertebrates</li> <li>• Water Quality</li> <li>• Botany</li> <li>• Zoology</li> <li>• Wetlands</li> </ul> <u>HAZMAT/UST</u> <ul style="list-style-type: none"> <li>• Hazmat Preliminary Site Assessment (Phase I)</li> <li>• UST Preliminary Site Assessment</li> </ul> |
| <u>GEOTECHNICAL<br/>SERVICES</u>             | <ul style="list-style-type: none"> <li>• Engineering Services</li> </ul>  |

## PROJECT SCHEDULE & MILESTONES

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| RESPONSE DATE                                  | August 9, 2006, 4:30 p.m. (Frankfort Time) |
| SELECTION COMMITTEE DATE MEETING               | August 23, 2006                            |
| PRE-DESIGN CONFERENCE                          | September 6, 2006                          |
| TENTATIVE DEADLINE FOR CONSULTANT FEE PROPOSAL | September 20, 2006                         |
| CONTRACT NEGOTIATIONS                          | October 4, 2006                            |
| NOTICE TO PROCEED                              | November 15, 2006                          |
| DRAFT REPORT                                   | November 30, 2007                          |
| FINAL REPORT                                   | February 28, 2008                          |

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. (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 this project. (10 points)
5. DBE Participation Plan (4 points)
6. 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. Stuart Goodpaster, User Division
2. David Martin, User Division
3. David Waldner, Secretary's Pool
4. Shari Greenwell, Secretary's Pool
5. Edwin Dyer, Governor's Pool