

RFQ # 11-007-04
REQUEST FOR QUALIFICATIONS
SLEDGE ROAD BRIDGE OVER BIG CREEK PROJECT
SHELBY COUNTY ENGINEERING DEPARTMENT

Shelby County Government is requesting proposals from consultants to provide the design services for the following project:

Sledge Road Bridge @ Big Creek
Federal ID – 79014630001

Existing Structure:

It is a five span bridge, 158 linear feet in length and constructed in 1951. The bridge width is 30'-10' out-to-out and 28'-2" curb to curb. The superstructure is comprised of a composite concrete deck with steel wide-flange beams, and rocker bearings. The barrier wall is concrete post and beam. The substructure is comprised of two stub abutments and 4 concrete pile bents (14"x 14" piling).

Scope of Project:

The general scope of work shall include the following:

1. Removal and replacement of existing structure with a new two lane bridge designed based on Standard Specifications for Highway Bridges, AASHTO, current edition with addenda and AASHTO LRFD Bridge Design Specifications, Current Edition with addenda.
2. As the bridge will be partially funded with State Aid funds the consultant should have experience with Tennessee Department of Transportation (TDOT) funded projects and be knowledgeable of design and submittal guidelines required for State of Tennessee State Aid projects.
3. The consultant will be required to complete a hydraulic analysis using HEC-RAS modeling and obtain a "no rise" certification in accordance with TDOT requirements to ensure sufficient opening and height to convey the 100-year flow with a minimum freeboard of one foot.
4. Investigation of any scouring occurring in the stream and/or scour potential as a result of any improvements recommended, along with recommendations to alleviate any existing and/or potential scouring.

5. Preparation of all required environmental documents to comply with the National Environmental Policy Act (NEPA).
6. Assistance including preparation of all required documents for obtaining environmental permits such as Notice of Intent (NOI), Storm Water Pollution Prevention Plan (SWPPP), Aquatic Resource Alteration Permit (ARAP), etc. and develop erosion control documents in accordance with Environmental Protection Agency (EPA) and the Tennessee Department of Environment and Conservation (TDEC) requirements.
7. Preparation of traffic control plan using Manual on Uniform Control Devices (MUTCD, FHWA, current edition).
8. Complete familiarity with AASHTO and TDOT design specifications and guidelines with provision for context sensitive design principles including architectural enhancements.
9. Perform the necessary geotechnical investigations to effectuate the design.
10. Survey as required for the design.
11. Provide recommendations for proposed improvements.
12. Preparation of plats and descriptions for property acquisition as well as temporary construction and drainage easements.
13. Preparation of an engineer's cost estimate for construction.

Respondents requesting additional information or clarification are to contact Nelson Fowler in writing at nelson.fowler@shelbycountyttn.gov or at the address listed above. Questions should reference the section of the RFQ to which the question pertains and all contact information for the person submitting the questions. ***IN ORDER TO PREVENT AN UNFAIR ADVANTAGE TO ANY RESPONDENT, VERBAL QUESTIONS WILL NOT BE ANSWERED. The deadline for submitting questions will be Tuesday, August 3, 2010 by 12:00 p.m. (CST)***

These guidelines for communication; have been established to ensure a fair and equitable process for all respondents.

Please be aware that contact with any other personnel (other than the person clearly identified in this document) within Shelby County or its benefit administrators regarding this RFQ may disqualify your company from further consideration.

Firms may request consideration by submitting a letter of interest to Mr. Nelson Fowler, Manager A, Purchasing Department, Shelby County Government, 160 North Main Street, Suite 550, Memphis, TN 38103. All qualifications must be received by Mr. Fowler's office on or before 4:00 PM (Central Time) August 6, 2010.

Proposals:

Proposals shall include the following:

- Firm name, address, and telephone number.
- Point of contact: name and telephone number.
- List of key personnel and experience.
- List and description of projects the firm and/or personnel have performed or been in responsible charge of that supports qualifications for this project.
- Project approach.
- Level of certified Locally Owned Small Business (LOSB) participation (project goal is 20%).
- Name of any outside consultants /joint venture.
- Consultants must be licensed professional engineers in the State of Tennessee.
- Consultants must be listed on the Tennessee Department of Transportation (TDOT) pre-approved list.
- Inclusion of a fee is not required. A cost proposal will be requested from the selected consultant.
- References