



Clay County, Missouri

Highway Department

16616 NE 116th Street
Kearney, Missouri 64060

REQUEST FOR QUALIFICATIONS (RFQ) #87-19 ENGINEERING DESIGN AND CONSTRUCTION SERVICES

GREENWOOD BRIDGE (No. 2060010) REPLACEMENT FEDERAL PROJECT NO. BRO-B024(28)

Clay County, Missouri is requesting the services of a consulting engineering firm to perform the described professional services in 2019-2021 for the Greenwood Road Bridge over Fishing River (No. 2060010) replacement project as further defined in the attached list. If your firm would like to be considered for these consulting services, you may submit your letter of interest to the Clay County Highway Department. Letters of interest should be limited to no more than 5 pages. The proposal should include: brief project approach, project team and experience of those individuals (resumes do not count towards 5 page limit), similar projects your firm has recently completed or which are now active, and any other information which might help us in the selection process. The County plans to make their selection from the submitted proposals.

It is required that your firm's Statement of Qualification (RSMo 8.285 through 8.291) and Affidavit of Compliance with the federal work authorization program along with a copy of your firm's E-Verify Memorandum of Understanding (15CSR 60-15.020) be submitted with your Letter of Interest. These documents are not included in the total page count limit.

Clay County's basic goals for this project are as follows:

- Total bridge replacement
- Cost constrained structure
- Minimal long term maintenance
- Minimal Right-of-Way acquisition
- Construction completed in 2021

Consultants are encouraged to include additional value-added benefits into their approach for this proposal.

DBE firms must be listed in the MRCC DBE Directory located on MoDOT's website at www.modot.gov, in order to be counted as participation towards an established DBE Goal. We encourage DBE firms to submit letters of interest as prime consultants for any project they feel can be managed by their firm.

It is required that your firm be prequalified with MoDOT and listed in MoDOT's Approved Consultant Prequalification List or your firm will be considered non-responsive.

All proposals shall be received by 2:00pm local time on Friday, October 4, 2019 at the following location:

**Clay County Purchasing Department
Attn: RFQ #87-19 – Greenwood Bridge
Commission Reception Desk
1 Courthouse Square
Liberty, MO 64068**

Please contact Terri Griffen at 816-407-3300 with questions regarding this request.

Sincerely,

Terri Griffen
Highway Administrator

Attachment

Clay County, Greenwood Road Bridge Replacement	
Federal Aid No:	BRO-B024(28) / TIP # Pending
Location:	Greenwood Road, south of Excelsior Springs, MO Bridge No. 2060010
Proposed Improvement:	Bridge replacement with a new 3-span bridge and associated road work
Length:	Project length 550' +/-
Approximate Construction Cost:	\$900,000
DBE Goal Determination:	10%
Consultant Services Required:	<p>Includes, but not limited to the following:</p> <p>Hazardous Waste Inspections: Inspect project prior to bid advertisement for asbestos and lead paint. Accompanying hazardous waste reports must be in bid proposal. See EPG136.6.4.10 for more information.</p> <p>Bridge: preparation of preliminary and contract plans and right of way plans; consultant may need to perform surveying, geotechnical investigations, hydraulic studies and provide environmental and historic preservation services/permits including preparation of PS&E and final documents.</p> <p>Roadway: preparation of conceptual plans, preliminary plans, contract plans and right of way plans. Design services may include right of way plans, surveying, geotechnical investigations, public involvement, environmental and historic preservation services/permits, contract documents, assisting with the bidding process, construction support/construction inspection, utility coordination/permits and traffic controls including the preparation of PS&E and final documents.</p> <p>Construction Inspection: work with contractor on behalf of the County, assist with preconstruction conference, perform periodic site inspection, prepare change orders, inspection construction materials, check shop drawings submitted by contractor, conduct construction test and inspection, be present during critical construction operations, work with County to do full time inspections and reporting and participate in semi-final and final inspection.</p> <p>Please review Attachment A for a detailed scope of services.</p>
Other Comments:	Selection results will be announced after October 11, 2019

Contact:	Name: Terri Griffen, Highway Administrator Address: 16616 NE 116 th Street, Kearney, MO 64060 Phone: 816-407-3300 E-mail: tgriffen@claycountymo.gov
Deadline:	2:00 p.m., Friday, October 4, 2019
Submit: Letter of interest should not exceed five (5) pages total. A page is defined as 8-1/2 by 11 inches and printed on one side. Four (4) copies of the letter of interest should be received at the address and by the time specified.	

Pursuant to the Brooks Act for Consultant Selection, the following criteria will be the basis for selection. Additional criteria can be added with the approval of Central Office Design - MoDOT.

Experience and Technical Competence - 25 max points

Capacity and Capability - 25 max points

Past Record of Performance - 50 max points

ATTACHMENT A

The Scope of Services for the project is expected to include, but is not limited to, the following.

A. Design Phase – The Engineer will:

1. Determine the County's goals and needs for the project;
2. Conduct topographic, property and utility surveys sufficient to develop plans for the project;
3. Arrange for subsurface investigations if needed;
4. Conduct hydraulic studies, prepare alternative designs and cost estimates, develop preliminary plans, and recommend to the County the best overall general design based on these studies;
5. Submit four (4) hard copies and one (1) PDF copy of the preliminary plans, estimates and studies for review by the County and Missouri Department of Transportation (MoDOT);
6. Prepare detailed construction plans, cost estimates, specifications and related documents as necessary for the purpose of soliciting bids for constructing the project. Provisions will be made in the contract documents for that portion of the work that will be performed by County forces;
7. Secure adequate property title information, determine right-of-way requirements, prepare right-of-way plans (as required), prepare legal descriptions and tract maps (as required) and assist the County in acquiring the right-of-way deeds;
8. Ensure compliance with water quality requirements by coordinating with the Missouri Department of Natural Resources and the U.S. Army Corps of Engineers and also ensure compliance with the requirements of the Federal Emergency Management Agency (FEMA);
9. Ensure compliance with historic preservation requirements through coordination with the Missouri Department of Natural Resources, and if deemed necessary, arrange to have the site examined by a qualified archeologist on a subcontract basis;
10. Ensure compliance with all regulations in regards to noise abatement and air quality, if necessary;
11. Hazardous Waste Inspections – Inspect project prior to bid advertisement for asbestos and lead paint. The accompanying hazardous waste reports MUST be in the bid proposal. See EPG 136.6.4.10 for further information on Hazardous Waste.
12. Assist the County in obtaining all necessary permits from all local, State and Federal permitting agencies; and

13. Provide the County with four (4) hard copies and one (1) PDF copy of completed plans, specifications and cost estimates for the purpose of obtaining construction authorization from the Missouri Department of Transportation. **These documents shall be prepared in accordance with MoDOT/FHWA requirements to make the bridge eligible for BRO funding.**

B. Bidding Phase – The Engineer will:

1. Upon receipt of authorization from MoDOT, make final corrections resulting from reviews by agencies involved, and provide an adequate number of plans, specifications, and bid documents to the County;
2. Provide the County with a list of Qualified bidders and assist the County in advertising for bids;
3. Assist the County in evaluating bids and requesting concurrence in award from MoDOT;
4. Provide assistance to the County in answering contractor questions regarding the plans and prepare addenda, if needed;
5. Attend a pre-bid meeting (as required);
6. Prepare the Storm Water Pollution Prevention Plan (as required).

C. Construction Phase – The Engineer will serve as the County's representative for administering the terms of the construction contract between the County and their Contractor. Engineer will endeavor to protect the County against defects and deficiencies in workmanship and materials in work by the Contractor. However, the furnishing of such project representation will not make the Engineer responsible for the construction methods and procedures used by the Contractor or for the Contractor's failure to perform work in accordance with the contract documents.

The Engineer's services will include more specifically:

1. Assist the County with a preconstruction conference to discuss the project details with the Contractor;
2. Make periodic site visits to observe the Contractor's progress and quality of work, and to determine if the work conforms to the contract documents. It is contemplated that survey staking and layout will be accomplished by the Contractor's forces. The Engineer will accompany MoDOT and FHWA representatives on visits of the project site as requested;
3. Check shop drawings and review schedules and drawings submitted by the Contractor;
4. Reject work not conforming to the project documents;
5. Prepare change orders for issuance by the County as necessary and assure that the proper approvals are made prior to work being performed;

6. Review wage rates, postings, equal employment opportunity and other related items called for in the contract documents;
7. Inspect materials, review material certifications furnished by the Contractor, sample concrete and other materials as required, and arrange for laboratory testing of samples by others on a subcontract basis. Independent assurance samples and tests may be performed by MoDOT personnel and such sampling and testing is excluded from the work performed by the Engineer under this contract;
8. Maintain progress diary and other project records, measure and document quantities, and prepare monthly estimates for payments due the Contractor;
9. Be present during critical construction operations, including but not limited to the following:
 - a. Structure layout;
 - b. Excavation and backfilling;
 - c. Driving of piles;
 - d. Checking of reinforcing steel prior to concrete placement;
 - e. Concrete batching and pouring;
 - f. Placement of girders;
 - g. Placement of surfacing materials; and
10. Participate in a semi-final and final inspection, if required, provide the County with project documentation (diaries, test results, certifications, etc.), and provide as-built plans for the County's records.

End of Request for Qualifications