

**REQUEST FOR PROPOSAL  
FOR  
PROFESSIONAL ENGINEERING SERVICES**

**OLD M-76 STRUCTURE 9033  
OVER CEDAR CREEK  
OLD M-76 STRUCTURE 9034  
OVER AUSABLE RIVER  
ROSCOMMON COUNTY, MICHIGAN**

The Roscommon County Road Commission is seeking proposals for the following:

**Engineering Services for the preventive maintenance of the Old M-76 Bridge (STR 9033) over the Cedar Creek located along section 15 of Richfield Twp. (T23N R1W) and for the preventive maintenance of the Old M-76 Bridge (STR 9034) over the AuSable River located along section 5 of Richfield Twp. (T23N R1W)**

Proposals are being requested for providing preliminary and final design. The design engineering shall be in accordance with the Michigan Department of Transportation Standard Plans and Specifications. A quality based selection process for the design will be used to award the contract.

The preventive maintenance of the bridges over the Cedar and AuSable Rivers is funded under the Michigan Department of Transportation's Local Bridge Program for the fiscal year 2022. The preventive maintenance of structure 9033 is to include a shallow concrete overlay, full depth deck patches, brush block patches, abutment crack repairs, substructure patches, riprap as scour protection, approach guardrail replacement, and approach repairs. The preventive maintenance of structure 9034 is to include painting steel beams, concrete deck patches, epoxy overlay, brush block patches, epoxy injection of abutment cracks, riprap as scour protection, and approach replacement. **This project must be let to contract for the 2021 Fall Letting.**

Structure 9033, the Old M-76 Bridge over the Cedar Creek is a single span structure totaling 31 feet. This structure carries two lanes of traffic and has an inside width of 42 feet. The bridge superstructure is composed of concrete cast in place T-beams and a concrete deck. The substructures consist of cast in place concrete cantilever abutments. The structure was originally constructed in 1949.

Structure 9034, the Old M-76 Bridge over the AuSable River is a single span structure totaling 40 feet. This structure carries two lanes of traffic and has an inside width of 42 feet. The bridge superstructure is composed of painted steel I beams and a concrete deck. The substructures consist of cast in place concrete cantilever abutments. The structure was originally constructed in 1949.

The Roscommon County Road Commission is requesting qualifications and a “lump sum bid” from your firm to perform the following items of work. Incomplete bids without addressing all of the following may not be considered:

### **Preliminary and Final Design Phases**

1. Conduct a complete field survey.
2. Complete Bridge Material Asbestos Testing for structure.
3. Conduct and prepare any coordination and permitting for Endanger Species
4. Conduct and prepare any coordination and permitting for SHPO
5. Type, Size & Location (TS&L) submittal.
6. Prepare preliminary plans and engineers estimate.
7. Prepare final design plans (i.e. final plans, specifications, estimate)
8. Conduct necessary liaison with MDOT Engineering Services Division to receive their approval, including Engineering Services project programming.
9. Attend the grade inspection and other meetings.
10. Coordinate design plans as may be required with applicable agencies to insure completeness of the project design (i.e. Drain Commission, Utilities, etc.)
11. Provide cross-sections and quantity computations.
12. Any other applicable permits required.
13. Perform necessary hydraulic and scour analysis.

### **Construction Phase**

1. Attendance at pre-construction meeting.
2. Shop drawing review and approval.
3. Availability for potential constructability/design concerns

Your submission should also indicate the capability and willingness of your firm to provide design and construction engineering services by providing the following items:

1. Your technical approach to the project.
2. Total workforce available for the project.
3. Name and classification of key personnel to be assigned to the project.
4. Confirmation of your ability to complete the project on time and within budget.
5. A detailed work force-hour estimate per classification and discipline.
6. A detailed progress schedule for each phase of work.
7. A list of similar projects completed in the last (5) years which were handled by the key personnel listed in item number 3 above who are assigned to this project.
8. A statement of degree of familiarity with the MDOT design process.

9. Your ability to respond timely to requests from the Roscommon County Road Commission.
10. Reasons your firm should be selected to complete this work.
11. Estimate of time schedule for design.

The quality based selection of the candidate will be based upon personnel qualifications, personnel experience, overall understanding of MDOT standards and Roscommon County Road Commission procedures, and cost.

The Roscommon County Road Commission will use the following criteria to evaluate the candidate(s)

- Personnel Qualification (30 points)
- Personnel Experience (25 points)
- Overall understanding of MDOT standards and Roscommon County Road Commission procedures (15 points)
- Cost (30 Points)

The Roscommon County Road Commission may set up an interview team after the proposals have been reviewed.

Upon selection of a candidate(s), negotiations will be conducted.

**Proposals will be accepted at the Road Commission's main office located at 820 East West Branch Road (M-55), Prudenville, MI 48651, until 2:00 p.m. on the 11th day, March, 2020.**

The Roscommon County Road Commission reserves the right to accept or reject any or all proposals or waive any irregularities in the proposal procedure and to award the project in any manner deemed in the best interest of Roscommon County.

The Roscommon County Road Commission, in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 USC 2000d to 2000d-4 Title 49, Code of Federal Regulations, Department of Federally-assisted programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of gender, disability, race, color or national origin in consideration for an award.

We thank you for your interest in this project. If any additional information is needed please contact Neil Belanger at (989) 366-0333 ext. 17 or [Belangern@Roscommoncrc.com](mailto:Belangern@Roscommoncrc.com).

Sincerely,

Tim O'Rourke, Manager  
Roscommon County Road Commission