



**REQUEST FOR PROPOSALS (“RFP”)
FOR ENGINEERING DESIGN AND CONSTRUCTION
ADMINISTRATION AND INSPECTION SERVICES**

Ref: Evaluation, Recommendations, and Design for the Bridges at Milepost 138.0 – Ohio Turnpike over Quarry Road and Milepost 138.2 – Ohio Turnpike over Inactive Railroad in Lorain County
DESIGN PROJECT NO. 71-15-06

The Ohio Turnpike and Infrastructure Commission (“Commission”) is issuing a Request for Proposals (“RFP”) to select a qualified firm to provide the professional engineering services that are necessary to investigate the two specified bridges in Lorain County, Ohio, to prepare an engineering report on key deficiencies, to make repair recommendations, to prepare Construction Documents for the repairs, and to perform subsequent construction administration and inspection services. See the Draft Scope of Services for the required services, attached as Exhibit A.

Any firm interested in submitting a Letter of Interest (“LOI”) to respond to the RFP is invited to do so by **5:00 p.m. (Eastern Time), on August 19, 2015**. LOI’s should include general information as to why the Firm believes it is qualified to perform the services required for a project of this type. (See page 2 of this Notice for further details on content of the LOI). **One (1) original and three (3) copies of the LOI are required.** Once the Commission has reviewed the LOI’s received, it will select several interested and qualified Firms to elicit sufficient responses to the RFP. The Selected Firms will then be invited to submit a response to the RFP. The deadline for responses to the RFP is **5:00 p.m. (Eastern Time), on September 18, 2015**.

Interested Firms are advised that, to be considered as a potential respondent to the RFP, a completed “Request For Qualifications” (“RFQ”) package for calendar years 2015-2016 must be on file with the Commission. If a Firm has not already responded to the RFQ, the RFQ package may be obtained from the Commission’s Procurement Manager, Kevin Golick.

Firms interested in receiving the RFP may request a draft copy from the Commission’s Procurement Manager. Interested Firms may submit specific questions regarding the RFP and/or the LOI requirements, including requests for any as built plans. All questions **shall** be addressed in writing and emailed to: kevin.golick@ohioturnpike.org. **Please do not contact the Commission by phone, and do not address questions to anyone other than Mr. Golick.** The final Inquiry Deadline is **5:00 p.m. (Eastern Time), on September 11, 2015**. Answers to all questions will be compiled. A copy of each question and the Commission’s response will be forwarded via email to Firms that so request (email address must be provided), and will also be posted on the Commission’s Website, www.ohioturnpike.org.

LOI’s must be submitted by 5:00 p.m. (Eastern Time) on August 19, 2015 to the following address (LOI’s sent via email are not acceptable):

**Ohio Turnpike and Infrastructure Commission
Attn.: Kevin Golick, Procurement Manager
682 Prospect Street
Berea, Ohio 44017**

LETTER OF INTEREST CONTENT FOR PROJECT NO. 71-15-06
(Not to exceed ten (10) pages, excluding the cover page/letter)

1. List the types/categories of services for which your firm has a current Qualifications Statement on file with the Commission in response to the 2015-2016 RFQ.
2. List significant subconsultants, their categories of service and the percentage of work to be performed by each proposed subconsultant.
3. List the Project Manager and other key staff members including key subconsultant staff. Address the experience of the key staff members on similar projects. Provide only the résumé of the proposed Project Manager. The proposed Project Manager must be a professional engineer registered in the State of Ohio.
4. Provide references from three (3) governmental organizations other than the Ohio Turnpike and Infrastructure Commission for similar projects for engineering design and construction administration/inspection services completed in the past five (5) years. For each reference/project listed, provide a contact name and phone number.
5. Describe the capacity of your firm's staff and its ability to perform the work in a timely manner relative to present workload and the availability of assigned staff.
6. Provide a description of your Project approach, not to exceed two (2) pages. Confirm the firm's proposed technical approach, cost containment practices, innovative ideas for this type of project and any other relevant information concerning your firm's qualifications to perform the services contemplated.

Items 1 through 6 must be included in the LOI, which should not exceed ten (10) pages - excluding the cover page/letter - on single sided, 8 1/2" x 11" sheets of paper. To be considered, **one (1) original and three (3) copies of the LOI must be submitted no later than 5:00 p.m. (Eastern Time), on August 19, 2015.**

EXHIBIT A
DRAFT SCOPE OF SERVICES
PROJECT NO. 71-15-06

GENERAL

This Project includes, but is not limited to:

1. Anticipated work on this project includes superstructure and substructure rehabilitation of the **MP 138.0 – Ohio Turnpike Bridge over Quarry Road** and the evaluation of alternatives and recommendation for the replacement (or rehabilitation) of the **MP 138.2 – Ohio Turnpike Bridge over Inactive Railroad** in a manner that conforms to the Commission’s property rights.

2. Performance of a site inspection and engineering investigation of the structural components of the two bridges listed in Paragraph 1 for the purpose of determining required construction work. These components include, but are not be limited to, the steel superstructure, concrete deck, bearings, parapets, expansion joints and concrete substructure. It is anticipated that the minimum project limits will be from approach slab to approach slab.

3. Preparation of an engineering report identifying key deficiencies of the **MP 138.0** bridge life expectancy of the concrete decks, repair recommendations, and a recommended rehabilitation schedule.

4. Preparation of an engineering report describing the evaluation of alternatives and recommendation for the **MP 138.2** bridge, detailing the appropriate alternatives and installing new pavement while maintaining two lanes of traffic in each direction at all times.

If it is determined that the recommended alternative is a rehabilitation of the MP 130.0 bridge, then the engineering report shall identify key deficiencies of the **MP 138.0** bridge life expectancy of the concrete decks, repair recommendations, and a recommended rehabilitation schedule.

5. Consultation with the Commission staff on the recommendations and prepare Standard Construction Documents and/or Special Provisions for the repairs.

6. Preparation of final Construction Plans and Specifications for bidding.

7. Provision of services for administering and inspecting construction operations.

SITE INSPECTION/ENGINEERING REPORT – PHASE IA

The complete scope of this Phase will be further refined at a “Scope of Work” meeting with the Selected Engineering Firm(s). A partial scope of this phase is as follows:

1. Site inspections and engineering surveys shall be performed to identify all deficiencies and determining removal limits, removal procedures and project staging.
2. Performance of a Bridge Load Rating of the existing and rehabilitated condition of the **MP 138.0 (and MP 138.2 if necessary)** bridge(s) utilizing AASHTOWare software.
3. Preparation of an engineering report summarizing the site inspections and engineering surveys, deficiencies, Bridge Load Rating (existing and rehabilitated condition) and repair recommendations for the **MP 138.0** bridge. The repair recommendations shall include, but not be limited to, repair of deteriorated substructure concrete, consideration of replacement of the bearings with elastomeric bearings, replacement of the deck joints, and either replacement of the bridge deck, parapet and fencing or rehabilitation of the bridge deck utilizing hydrodemolition and a concrete overlay.
4. Preparation of an engineering report detailing the removal of the **MP 138.2** bridge in phases to facilitate maintaining two lanes of traffic in each direction at all times while replacing the bridge with the appropriate alternative and placing new mainline pavement including full shoulders and guardrail. If it is determined that the recommended alternative is a rehabilitation of the MP 138.2 bridge, then the scope of services noted in Phase 1A, Item #3 above shall apply.

DESIGN/PLAN PREPARATION – PHASE IB

The complete scope of this Phase will be further refined at a “Scope of Work” meeting after submission of the engineering report and determination of required repairs/rehabilitation. A partial scope of this phase is as follows:

1. Preparation of Construction Drawings and Contract Documents for bidding. The Construction Drawings and Contract Documents items shall address, but not be limited to, those items listed in the Project Overview.
2. Additional Specifications and Special Provisions shall be prepared if not covered by ODOT Specifications and the Ohio Turnpike & Infrastructure Commission’s Special Provisions.

Specifications and Special Provisions submitted by the Selected Firm shall include reference to any and all required permits to complete the Project.

3. Preparation of all required Temporary Traffic Control Plans on the Turnpike and the intersecting routes.
4. Preparation of a construction cost estimate for each bridge.
5. Review and evaluation of construction bids received for the Projects and submission of a recommendation concerning award to the Chief Engineer.
6. Plans shall be prepared for anticipated 2017 construction.

CONSTRUCTION ADMINISTRATION AND INSPECTION – PHASE II

The Selected Firm is to provide services for administering and inspecting construction operations and for executing duties and responsibilities if so designated by the Commission. Construction services are to include, but not be limited to, the following:

1. Providing a professionally qualified field organization satisfactory to the Commission to observe, inspect and assist in the coordination of the various phases of the construction.
2. Consulting with the Commission on all questions of engineering with regard to construction of the Project.
3. Serving as a liaison and coordinating agency between the Commission, the construction contractor(s) working on the Project, the Testing Laboratory, interested public and private entities and utility owners.
4. Attending and participating in pre-construction and other conferences as requested by the Commission.
5. Observing, coordinating and inspecting Project construction at all times when the construction contractor is on site.
6. Preparing daily inspection reports on forms furnished by the Commission and maintaining detailed Resident Inspector's diaries for each person assigned to the construction project. The originals of the daily inspection reports shall be transmitted to the Commission

weekly. The Resident Inspector's diaries shall be furnished to the Commission at the conclusion of the construction project.

7. Maintaining a file of correspondence, telephone conversations and other written documentation concerning construction project activities and authorized design revisions.

8. Reviewing construction contractor payment requests and comparing quantities shown with the summation of quantities noted in the daily inspection reports and with unit prices as included in the contract. Reviewing and commenting on construction progress schedule updates included in the payment requests, and recommending Commission action on each payment request.

9. Preparing change orders and other similar items in accordance with Commission regulations to properly document changed conditions or modified construction activities.

10. Providing negotiation assistance on any construction contractor's claims and recommending action on the resolution of claims.

11. Reviewing the Contractor's fabrication Plans, material and products submittals and brochures and shop drawing submittals. Advising the Commission on the acceptability of such submittals.

12. Conducting progress meetings as required in coordinating all parties involved in the construction project and maintaining scheduled progress.

13. Certifying the accuracy of the final payment quantities and estimate.

14. Preparing Record Plans of the completed construction from information provided by the construction contractor and field records of construction activity. Revisions are to be noted on the original Project AutoCAD drawings.

15. Updating the Bridge Load Rating for the rehabilitated condition (if required), utilizing AASHTO's AASHTOWARE software.

16. Preparing the updated/revised bridge inventory form.

17. Performing the services described for the Engineer in the Contract Documents.

GENERAL

Three (3) design reviews are anticipated by the Ohio Turnpike Engineering Staff:

- a. **At completion of the investigation and evaluation phase.**
- b. **At completion of preliminary design.**

c. **At completion of 100% Plans.**

Review time will be two (2) weeks for each review.

Commission Engineering Staff will be available for ongoing design meetings, as may be required.

Sample Specifications, OTIC Standard Drawings and original Construction Plans are available for inspection at the Ohio Turnpike Administration Building; 682 Prospect Street, Berea, Ohio.