

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

Ref: Rehabilitation of Nine Bridges Between
Milepost 222.8 and Milepost 240.8
in Mahoning County, Ohio

DESIGN PROJECT NO. 71-15-03

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 nine specified bridges in Mahoning 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 5, 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 4, 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. Any 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 August 28, 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 5, 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**

DRAFT EXHIBIT A
SCOPE OF SERVICES

LETTER OF INTEREST CONTENT FOR PROJECT NO. 71-15-03
(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 5, 2015.**

DRAFT EXHIBIT A
SCOPE OF SERVICES

PROJECT NO. 71-15-03
PROFESSIONAL ENGINEERING SERVICES FOR THE
REHABILITATION OF NINE BRIDGES IN MAHONING COUNTY, OHIO

GENERAL

This Project includes, but is not limited to:

1. Professional Engineering services related to anticipated structural work, including superstructure and substructure rehabilitation, on bridges identified as Ohio Turnpike over Kirk Road (Eastbound) at **MP 222.8**, Ohio Turnpike over Kirk Road (Westbound) at **MP 222.8**, Ohio Turnpike Ramp over State Route 7 at **MP 232.6**, Ohio Turnpike over State Route 7 (Eastbound) at **MP 232.6**, Ohio Turnpike over State Route 7 (Westbound) at **MP 232.6**, Ohio Turnpike over the Ohio Turnpike Ramp (Eastbound) at **MP 232.9**, Ohio Turnpike over the Ohio Turnpike Ramp (Westbound) at **MP 232.9**, Ohio Turnpike over Garfield Road (Eastbound) at **MP 240.8**, and Ohio Turnpike over Garfield Road (Westbound) at **MP 240.8**.
2. Perform site inspections and engineering investigations of the structural components of the nine bridges listed above 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. Prepare an engineering report identifying key deficiencies in each of the nine bridges listed in Paragraph 1, life expectancy of the concrete decks, repair recommendations, and a recommended rehabilitation schedule.
4. Consult with the Commission staff on the recommendations and prepare Standard Construction Documents and/or Special Provisions for the repairs.
5. Prepare final Construction Plans and Specifications for bidding the construction work.
6. Provide 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 Services” meeting with the Selected Firm. A preliminary scope of this phase is as follows:

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1. Performing site inspections and engineering surveys to identify all deficiencies and determine removal limits, removal procedures and project staging for the bridges at issue.
2. Performing Bridge Load Rating of the existing and rehabilitated condition of the bridges utilizing AASHTOWare software.
3. Preparing an engineering report summarizing the site inspections and engineering surveys, deficiencies, Bridge Load Rating (existing and rehabilitated condition) and repair recommendations for the bridges. 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.

DESIGN/PLAN PREPARATION – PHASE IB

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

1. Prepare 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. Prepare additional Specifications and Special Provisions if the necessary work is not covered by ODOI 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. Prepare all required Temporary Traffic Control Plans on the Turnpike and the intersecting routes.
4. Prepare a construction cost estimate for each bridge
5. Review and evaluate construction bids received for the Projects and submission of a recommendation concerning award to the Chief Engineer.
6. Plans shall be prepared and services performed in anticipation of construction taking place in 2017.

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7. Three (3) design reviews with review times of two (2) weeks each are anticipated by the Ohio Turnpike Engineering Staff as follows:

- a. At completion of the investigation and evaluation phase.
- b. At completion of preliminary design.
- c. At completion of 100% Plans.

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.

CONSTRUCTION ADMINISTRATION AND INSPECTION – PHASE II

The Selected Firm(s) will provide services for administering and inspecting construction operations and for executing duties and responsibilities if so designated by the Commission. Construction services for each Project 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.

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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 and 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 tracings.

15. Updating the Bridge Load Rating for the rehabilitated condition (if required), utilizing AASHTOWare software.

16. Preparing the updated/revised bridge inventory form.

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