

**OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION**  
682 Prospect Street  
Berea, Ohio 44017

**REQUEST FOR PROPOSALS  
GEOTECHNICAL SERVICES FOR THE  
PAVEMENT REPLACEMENT PROGRAM**

Mainline Pavement Reconstruction for  
Project Sections at Various Locations on the Ohio Turnpike

Letters of Interest to Submit a Response to be received no later than:  
**5:00 p.m., (EDT), May 23, 2014**

Issue Date to Selected Interested Firms:  
**June 6, 2014**

Inquiry End Date: **5:00 p.m. (EDT), June 19, 2014**

Proposals from Selected Firm(s) to be received no later than:  
***EXTENDED TO 5:00 p.m. (EDT), July 2* ~~June 27~~, 2014**

**ATTENTION OF RESPONDENTS IS DIRECTED TO:**

**ANSWERS TO QUESTIONS RECEIVED THROUGH 12:00 P.M., JUNE 25, 2014**

**DEADLINE FOR PROPOSALS IS EXTENDED TO JULY 2, 2014.**

**ANSWERS TO QUESTIONS RECEIVED THROUGH 12:00 P.M., JUNE 25, 2014**

**Q#1** Stantec requests clarification regarding the requested project schedule (bar chart) described in Part II, item 7 of the above RFP. Is the OTIC looking for a bar chart incorporating all of the listed tasks or just a chart for the typical pavement assessment/field measurement tasks associated with a 5 - 6 mile segment of the turnpike? As all of the requested services would not appear to be required for one particular project, is it preferable to the OTIC to illustrate our schedule for a landslide project, a pavement assessment project, and then a subgrade stabilization project separately? Your guidance on this issue would be much appreciated.

*A#1 PART II.7. Proposed Schedule is revised as follows:  
Provide a bar chart schedule indicating the duration of time to complete individual task Items A, B, C, D, and E, but not Item F, as listed in EXHIBIT A - SCOPE OF SERVICES, Section II. SCOPE OF SERVICES. The Firm's response to this item should reflect the duration of time to complete task items A through E for two (2) Project Sections, with each Project Section consisting of five (5) to six (6) miles of both eastbound and westbound roadways. Additional time may be available in future years, however, upon commencement of this contract the selected Firm should anticipate a start date in late July 2014 with all task items listed above completed by October 24, 2014.*

**Q#2** We have some questions related to the Scope of Work: Under scope of services (Section A, Master Planning pg. 25), can you please identify the types of pavement performance data that are available (FWD, IRI, Distress, etc.)? How many cycles of data collection have been performed? What prioritization methodology is currently used by OTIC?

*A#2 FWD data was obtained for the five (5) completed Pavement Replacement projects.  
IRI data is available for each of the years 2002 through 2014.  
PCR data is available for each of the years 2004 through 2014, except for 2009 and 2012.  
The Pavement Replacement schedule was determined utilizing weighted factors applied to historical Turnpike maintenance data as well as data obtained through various testing methods, including Ground Penetrating Radar, Automated Dynamic Cone Penetrometer, Falling Weight Deflectometer, and an Automated Data Collection Vehicle which collected data on pavement profile, rutting, cross slope and faulting.*

**Q#3** Under scope of services (Section E, Post Construction Testing, Item 1, pg. 26), can you please specify the type of testing OTIC requires for the as built moduli? Is it laboratory generated moduli, or based on field testing (DCP, FWD, etc.), or both?

*A#3 The Commission currently intends to utilize data obtained from field testing such as FWD and DCP, but is open to further discussions with the selected Firm before making a final decision.*

**Q#4 Under scope of services (Section E, Post Construction Testing, Item 2, pg. 26), when does OTIC want the FWD testing performed? Is it before the pavement section is open to traffic or a specified time interval after construction (i.e. 6 months, 1 year, etc.)?**

*A#4 FWD testing will be performed soon after pavement construction and repeated annually.*