OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION

ADDENDUM NO. 2

BID INVITATION NO. 4282
FURNISHING RADAR SPEED DISPLAY SIGNS WITH SUPPORT ASSEMBLY

OPENING DATE:
2:00 P.M. (EASTERN TIME), NOVEMBER 2, 2016

ATTENTION OF BIDDERS IS DIRECTED TO:

ANSWERS TO QUESTIONS RECEIVED THROUGH 5:00PM ON OCTOBER 28, 2016
-AND-
MODIFICATIONS TO THE GENERAL SPECIFICATIONS

Issued by the Ohio Turnpike and Infrastructure Commission on October 31, 2016. Issuance authorized by Anthony D. Yacobucci, Chief Engineer, and Mark R. Musson, Director of Contract Administration.

Anthony D. Yacobucci 10/31/16
Anthony D. Yacobucci Date

Mark R. Musson 10/31/16
Mark R. Musson Date

ANSWERS TO QUESTIONS RECEIVED THROUGH 5:00PM ON OCTOBER 28, 2016:

Q#4 It will be difficult to have certified wind load test calculations from an Ohio Registered P.E. before the bid opening date. I would ask the closing date of the bid be moved out 7 days, to November 9th, to allow reasonable time to comply with your new stipulation. Is that acceptable?

A#4 The Bid Opening remains on November 2, 2016. However, the Commission will not require the certification for Displays weighing 20 pounds or less. Accordingly, the modification to the Housing specification under Addendum No. 1 is revised to provide as follows:

> *"The Display may exceed a total weight of 15 pounds provided the specified support assembly is capable of carrying the load of the Display. Bidders submitting offers for Displays that exceed 20 pounds shall also provide calculations certified by an Ohio Registered Professional Engineer attesting to the capacity of the specified support structure to carry the proposed load."*

Q#5 Please clarify your response to Q#2. Are you saying that no user of the software to operate the proposed radar speed signs has a computer that has Wifi capability? We would propose instead of Bluetooth, to access to our signs via Wifi. Our sign has a small Wifi transmitter that will allow communications with such a device up to 300 feet from the radar sign. This means that any computer/tablet/cell phone that has a web browser can operate our signs, securely. Any number of browsers will work, including Internet Explorer, Firefox, Safari, and Chrome. Since you will need one of these browsers to use 'web based programming' per you spec, it only makes sense that the device running a web browser has WiFi capability as well. Is that acceptable?

A#5 The Commission plans to install the radar signs in toll plazas that have multiple radio systems in operation that gave rise to a concern for possible interference. However, upon further consideration, WiFi connection to the displays as an alternative to the USB cable is acceptable. Accordingly, the third bullet point under Standard Programming in the Specifications is revised to provide as follows:

> *"• Web based programming software for PC control with USB cable and/or WiFi connection."*

Q#6 Would you like the support pipe to be pre-drilled with a hole to allow the wiring to pass through the back of the radar sign into the pipe?

A#6 No. Bid the support assembly as specified.

Q#7 Do you not want a pole cap to cover the top of the support pole?

A#7 No. Bid the support assembly as specified.

Q#8 You stated that the locations where the signs will be installed require a 12" display. How does the location of the sign end up resulting in a 12" display of speed requirement?

A#8 The approaches to the toll plazas vary and the 12'' standard was desirable. However, upon further consideration, an inch deviation from the standard is tolerable. Accordingly, the first bullet point under the LEDS specification is revised to provide as follows:

"• 12'' (+/- 1'') high amber character"

Receipt of Addendum No. 2
Invitation No. 4282 is hereby acknowledged:

(Firm Name) _____

(Signature) _____

(Printed Name) _____

(Date) _____

BIDDERS MUST RETURN THE ABOVE ACKNOWLEDGEMENT OF RECEIPT OF ADDENDUM NO. 2 WITH THEIR BID.