OHIO TURNPIKE AND
INFRASTRUCTURE COMMISSION

ADDENDUM NO. 5
ISSUED AUGUST 27, 2020

PROJECT NO. 39-20-01
PROJECT NO. 39-20-01 (PART A)
MAINLINE PAVEMENT RECONSTRUCTION
MILEPOST 0.00 TO MILEPOST 7.26
WILLIAMS COUNTY, OHIO

PROJECT NO. 39-20-01 (PART B)
TOLL PLAZA 4 SITE CONSTRUCTION
MILEPOST 3.5
WILLIAMS COUNTY, OHIO

PROJECT NO. 39-20-01 (PART C)
TOLL PLAZA 4 WETLAND CONSTRUCTION
MILEPOST 3.6
WILLIAMS COUNTY, OHIO

OPENING DATE EXTENDED TO: 2:00 P.M. (EASTERN TIME), SEPTEMBER 2 ~~AUGUST 25~~, 2020

ATTENTION OF BIDDERS IS DIRECTED TO:
ANSWERS TO QUESTIONS RECEIVED THROUGH 5:00 P.M. ON AUGUST 26, 2020

PART A Plan Sheets 161, 162, 175 and 485 of 613

-AND-

Bid Schedule of Items and Estimated Quantity Worksheet
Reference Nos.: 15, 15A and 84A

Issued by the Ohio Turnpike and Infrastructure Commission through Jennifer L. Stueber, Esq., General Counsel.

August 27, 2020

Jennifer L. Stueber, Esq., Date
General Counsel

ANSWERS TO QUESTIONS RECEIVED THROUGH 5:00 P.M. ON AUGUST 26, 2020:

Q#79 Bid item 162 - Complete Waste Treatment System- Plan sheet 483 shows details on Distribution Box being 5' in one direction but no dimension in the other as well as not specifying what type of material it is to be made from. Please provide this additional information.

A#79 The distribution box shall be constructed of concrete and shall be nominally 4' x 3' inside dimension with typical wall thickness of 6", however alternate "standard" sizes capable of handling the required pipe penetrations may be acceptable during shop drawing review.

Q#80 It does not appear that there is a bid item for Construction Entrances, was this an oversight? If no bid item is to be added for Construction Entrances, please clarify how the Commission intends to pay for Construction Entrances?

A#80 Construction Entrances are covered in Supplemental Specification 832. As indicated by the notes on Plan Sheet 175 of 613, any additional sediment and erosion controls required as part of SS 832, which are not itemized separately, shall be paid for at the lump sum bid price for Item 832 – Erosion Control (Bid Item No. 85).

Q#81 Plan sheet 483 shows an inspection port at the end of each run of field tile. Please provide a detail as to the diameter of pipe, type of pipe, and type of cap/lid required on the port.

A#81 The inspection ports shall be constructed of a 4" x 4" PVC Tee extended to the surface with a removable cap. Place inspection ports 1 foot from the end of each field tile run.

Q#82 WATER WELL:
Why can't a waterline be run from the existing 6'' well to the new plaza since the water line can now be HDPE still be cheaper than a new well system.

A#82 A new well system is required at the new toll building as shown on the plans. Per the response to Q#38 in Addendum 3, only new equipment shall be utilized for the well and potable water system.

Q#83 If a new well is drilled and it now only needs 15 gpm why wouldn't a 5'' plastic/PVC well with a PVC/plastic screen do the same if not better less corrosion.

A#83 Provide steel casing pipe per the plans.

Q#84 A 230V 1hp 20 gpm single phase motor/pump will more than meet demands at a cheaper cost why the expensive 3 phase system.

A#84 Provide a bid for the 3-phase pump system. However, during the shop drawing review period, the Contractor may submit an alternate pump system capable of handling the requirements of the Specification for consideration and approval.

Q#85 Where or why isn't the pressure tank included in the bid OH law/rules state from discharge side of the pressure tank back need registered to install

A#85 All plumbing work internal to the new toll plaza building is included in the future building documents, which will be issued under the 58-21-01 Project in the Spring of 2021.

Q#86 A pressure tank sized for said 15 gpm system isn't that big compared to what is in the old booth building

A#86 Per the response to Q#38 in Addendum 3, only new equipment shall be utilized for the well and potable water system.

Q#87 A plastic well or even a steel well doesn't need to hang a pump on steel galv drop pipe sch 80 pvc or HDPE is a better choice

A#87 Provide galvanized drop per the plans.

Q#88 The pump system in the existing 6'' could be down sized to single phase wired & replumbed/ran to the new booth still at a savings compared to new as wire size reduction HDPE water line etc. would meet needs.

A#88 A new well system is required at the new toll building as shown on the plans. Per the response to Q#38 in Addendum 3, only new equipment shall be utilized for the well and potable water system.

Q#89 Yes we drilled the existing well and many in the area there are deeper than 100' two others near the turnpike 200' deep the existing is 170' so bid them as actual footage drilled materials used when do they plan on drilling a well if needed

A#89 Anticipated well depth and water levels are based on records of nearby well logs. Actual depths of drilling and casing shall be adjusted in the field at the time of installation.

Q#90 This fall under Ohio Dept of Health permit or OH EPA guidelines for drilling & testing etc?

A#90 The well system falls under the jurisdiction of the Ohio Department of Health.

Q#91 SWPPP Note 16 on Sheet 176/213 states that "…payment for any winter seeding shall be made under Item 832 – Winter Seeding & Mulching", however, it does not appear that there is a Bid Item for Winter Seeding & Mulching. Will the Commission add a Bid Item for Winter Seeding & Mulching?

A#91 This Addendum revises Plan Sheets 162 and 175 of 613 and adds Reference No. 84A to the Bid Schedule of Items and the Estimated Quantities Worksheet to add Winter Seeding & Mulching for the Project.

Q#92 According to MOT plan sheet 23, at the end of various MOT phases the contractor is to place the final surface course and the permanent pavement markings. In performing this direction, the permanent pavement markings may conflict with the temporary markings for the next phase. For example, when the project goes from Phase 1, to winter, then to phase 2, the permanent markings placed in the Westbound lanes at the end of phase 1 may then conflict with the temporary markings placed for Phase 2. The notes on sheet 27 under "Method of Payment for Maintaining Traffic-Winter Shutdown" indicate the contractor is to "stripe the pavement within the phased work limits to the permanent striping pattern". Please clarify as to whether temporary or permanent striping is to be placed at the end of Phase 1 and 2 through the winter.

> *PHASE 1 (FIRST CONSTRUCTION SEASON):*
> *THE CONTRACTOR SHALL MAINTAIN 1 LANE OF TRAFFIC IN EACH DIRECTION UTILIZING THE EXISTING EASTBOUND PAVEMENT IN A BI-DIRECTIONAL PATTERN.*
>
> *THE WESTBOUND TRAFFIC SHALL BE SHIFTED TO THE BIDIRECTIONAL TRAFFIC PATTERN USING THE EXISTING CROSSOVER AT MP 8.2. WESTBOUND TRAFFIC SHALL BE RETURNED TO THE WESTBOUND PAVEMENT AT THE EXISTING MP 2.7 TOLL PLAZA.*
>
> *DURING PHASE 1, WESTBOUND IMPROVEMENTS SHALL BE COMPLETED FROM THE EAST LIMITS OF THE EXISTING MP 2.7 TOLL PLAZA THROUGH THE EASTERN PROJECT LIMITS AT MP 7.2. IMPROVEMENTS TO THE NORTHERN PORTION OF THE NEW MP 3.5 TOLL PLAZA SHALL BE PERFORMED. ALL FULL-DEPTH CONCRETE PAVEMENT SEGMENTS REQUIRED FOR THE NORTHERN PORTION OF THE TOLL PLAZA SHALL BE PERFORMED. ALL STORM SEWER NOT PREVIOUSLY CONSTRUCTED WITHIN THESE LIMITS SHALL BE CONSTRUCTED DURING THIS PHASE. NOTE THAT A PORTION OF THE MEDIAN BARRIER AT THE WEST LIMITS OF THE NEW TOLL PLAZA IS SUSPENDED UNTIL PHASE 4B MAINTENANCE OF TRAFFIC.*
>
> *AT THE CONCLUSION OF PHASE 1 MAINTENANCE OF TRAFFIC, THE CONTRACTOR SHALL PLACE THE FINAL PAVEMENT SURFACE COURSE AND THE PERMANENT PAVEMENT MARKINGS FOR THE WESTBOUND PAVEMENT OF THE PHASE 1 WORK LIMITS.*
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> *PHASE 1 WORK SHALL BE COMPLETE BY THE END OF THE FIRST CONSTRUCTION SEASON.*

A#92 At the end of phase 1, all Temporary Traffic Control will be removed, and all lanes restored. Permanent markings (642) should be applied for the winter. The next year, when the Contractor returns, and gets into phase 2, the Contractor will remove the conflicting markings and stripe phase 2.

Q# 93 Bid item 193 - Pavement for MOT Class A, APP: Plan sheets 134, 135 show layout. Are narrow shoulders to get berm stone and if so what type of material, what depth, what width?

A#93 Based on 615.05 of the CMS, the 2' shoulder material shall conform to Item 411 with a minimum thickness of 6 inches.

Q#94 Addendum 3 answered prebid question #24 regarding bid item Full Depth Concrete Repairs (bid item 140) being in the resurfacing area after asphalt was removed. Are bid items 134 (251 Partial Depth Pavement Repair) and 139 (Full Depth Pavement Repair- Asphalt) intended for the same resurfacing area or are they also for repairing the existing sections of pavement (MP 0.00 – 7.26 and ramps) subject to work zone traffic until they get rebuilt?

A#94 Reference Nos. 134 and 139 are intended to be used for pavement repairs outside of the resurfacing area.

Q#95 **How will the Commission pay for SWPPP BMPs installed at project-related, off-site areas such as Borrow/Waste Sites, Laydown/Storage Areas and Staging Areas?**

A#95 In regard to the Borrow/Waste Sites, see the response to Q#73. Laydown/Storage Areas and Staging Areas are considered incidental to the Project, so all work associated with those areas shall be performed at no additional cost to the Commission.

In addition to the Plan Sheets that required revisions to the Contract Documents due to the questions answered in this Addendum, the remaining Plan Sheets not identified within the answers to this Addendum whether revised or added, are included with this Addendum and incorporated into this Contract. This addendum revises Plan Sheets 161 and 485 of 613 and Reference Nos. 15 and 15A of the Bid Schedule of Items and the Estimated Quantities Worksheet to separate the Reference No. 15 into Structure Removed, As Per Plan 1 and Structure Removed, As Per Plan 2.

Changes to the Specifications: Deletions are shown with strikethrough text.
Changes / Additions are shown with bold italicized text.

Changes to the Drawings: Additions and deletions are indicated with a cloud and revision triangle thus:

END OF ADDENDUM NO. 5