

OHIO TURNPIKE COMMISSION

ADDENDUM NO. 5

CONTRACT NO. 53-12-02

SERVICE PLAZA RENOVATIONS, ERIE ISLANDS & COMMODORE PERRY,
MILEPOST 100, SANDUSKY COUNTY, OHIO

OPENING DATE: ***EXTENDED*** to 2:00 P.M. (E.D.T.), ~~JULY 31~~ ***AUGUST 7***, 2012

ATTENTION OF BIDDERS IS DIRECTED TO:

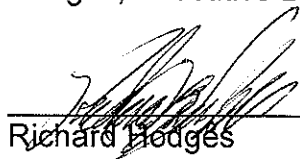
SUPPLEMENTAL ANSWERS TO QUESTIONS
RECEIVED THROUGH 2:00 P.M., JULY 27, 2012

MODIFICATIONS TO THE PLANS AND SPECIFICATIONS

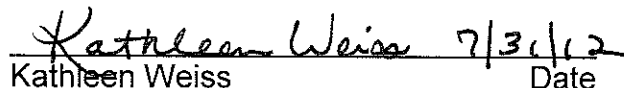
CHANGES TO THE DRAWINGS

E2.1 (Sheet 25 of 27), E3.1 (Sheet 26 of 27) & E3.2 (Sheet 27 of 27)

Issued by the Ohio Turnpike Commission July 31, 2012. Issuance authorized by Richard Hodges, Executive Director, and Kathleen Weiss, General Counsel.


Richard Hodges

8/1/12
Date


Kathleen Weiss

7/31/12
Date

**OHIO TURNPIKE COMMISSION
ADDENDUM NO. 5
CONTRACT NO. 53-12-02**

SUPPLEMENTAL ANSWERS TO QUESTIONS RECEIVED THROUGH 2:00 P.M., JULY 27, 2012

Q#19 I was at the site this afternoon, looking at the plumbing portion of the project that is on E3.1. I have a question on the power supply for the flush valves in the Truckers Restrooms. The plans (E3.1) say to locate the power in the basement for the flush valves. I was told that in this portion of the building, there is no basement. Also, there is no access to the chases in this area. Would like clarification on how we are to power up these 4 flush valves.

A#19 This Addendum No. 5 modifies the Drawings to clarify the routing of power to all the flush valves.

Q#20 The electrical legend on drawing E3.2 identifies the communications outlet (black triangle) as being a box with a 1" conduit to the cable tray in the basement. Drawing E2.1 identifies about (8) of these outlets. Does each communications outlet need a 1" conduit run to the cable tray in the basement (or 8 runs), or will the data cables be run open above the ceiling to some existing sleeve or pathway? Keyed note #6 identifies a single 1" conduit run from the visitor's kiosk area to the tray, which either implies that another sleeve is needed for some other unrelated system, or that all required voice/data cables that serve the visitor's kiosk will run through that single conduit. It's also reasonable to assume that the pathways that served the existing gift shop will still serve the new location.

A#20 This Addendum No. 5 modifies the Drawings for communications to clarify this portion of the Work.

Q#21 Do the low voltage cables between the zurn transformers and the automatic flush valves need to be sleeved in conduit the entire way, or can they be run open within the pipe chases?

A#21 This Addendum No. 5 modifies the Drawings to clarify the routing of power to the all the flush valves.

MODIFICATIONS TO THE DRAWINGS UNDER CONTRACT NO. 53-12-02, VIA ADDENDUM NO. 5

(BIDDERS ARE ADVISED TO MAKE SURE TO UTILIZE THE ATTACHED REPLACEMENT PAGES).

The following changes are made in Contract No. 53-12-02:

Changes to the Drawings:

Additions and deletions are indicated with a cloud and revision triangle thus:



CHANGE IN DRAWINGS:

Drawing E2.1 (Sheet 25 of 27) is modified as follows:

1. The footprint of existing basement was added to Detail A.
2. Existing columns were added to Detail B.
3. Details A and B were revised to clarify requirements for communication conduits.
4. Revised Keyed Note 1 as follows: ***"VISITORS KIOSK. E.C. TO CONNECT EXISTING WALL RCPT. USING SINGLE CHANNEL SURFACE MOUNTED METAL RACEWAY, (PAINT TO MATCH WALL) CIRCUIT TO DESK. E.C. TO PROVIDE CONDUIT STUB TO CEILING AND FLEXIBLE WHIP TO COUNTER FOR COMMUNICATIONS ~~EXTEND WIRING FROM EXISTING RECEPTACLE CIRCUIT AS SHOWN. REMOVE RECEPTACLE AND PROVIDE BOX EXTENSION ON RECEPTACLE BOX TO ACCOMMODATE CONNECTION OF SURFACE METAL RACEWAY. EXTEND RECEPTACLE CIRCUIT WIRING TO KIOSK USING SINGLE CHANNEL SURFACE METAL RACEWAY AS SHOWN (PAINT TO MATCH WALL). PROVIDE 1" FMC WHIP BETWEEN SURFACE METAL RACEWAY AND KIOSK. EXTEND CIRCUIT USING 1" FMC TO KIOSK RECEPTACLES AS SHOWN.~~"***
5. Revised Keyed Note 4 as follows: ***"E.C. TO RUN MC CABLE THRU MILLWORK AND FIELD VERIFY LOCATION FOR RECEPTACLES AND COMMUNICATION OUTLETS 1" FMC THRU MILLWORK TO CONNECT COMMUNICATION OUTLETS TOGETHER AS WELL AS CONNECTING RECEPTACLES TOGETHER WITHIN CASEWORK AS SHOWN. FIELD VERIFY LOCATION FOR RECEPTACLES AND COMMUNICATION OUTLETS."***
6. Revised Keyed Note 6 as follows: ***"1" EMT CONDUIT SYSTEM TO CABLE TRAY IN BASEMENT FOR LOW VOLTAGE CABLES. FIELD VERIFY ROUTING. SERVING KIOSK, RE-LOCATED ATM AND LOTTERY TICKET MACHINE. STUB CONDUIT INTO KIOSK CASEWORK AS SHOWN. FIELD VERIFY ROUTING."***
7. Added Keyed Note 7 providing as follows: ***"EC SHALL PROVIDE TWO VERTICAL, SINGLE CHANNEL SURFACE METAL RACEWAYS ON EXISTING***

COLUMN, ONE FOR POWER AND THE OTHER FOR DATA, TO PROVIDE WIRING ACCESS FOR GIFT SHOP CIRCUITS AND EQUIPMENT. EC SHALL PROVIDE 1" EMT FROM VERTICAL RACEWAYS TO AREA OF CEILING ABOVE EXISTING GIFT SHOP TO ACCOMMODATE CIRCUIT WIRING AND FUTURE COMMUNICATION CABLES. SURFACE METAL RACEWAY FOR COMMUNICATION CABLES SHALL BE LARGE ENOUGH TO ACCOMMODATE FIVE CAT5 CABLES."

Drawing E3.1 (Sheet 26 of 27) is modified as follows:

1. Revised power source for all automatic flush valve controls from a new circuit to using power derived from existing receptacles.
2. Revised electrical wiring work for flush valves in trucker shower rooms due to no basement access.
3. Revised Keyed Note 2 as follows: "ZURN **P6000-HW6** POWER CONVERTER PROVIDES **7.6VDC** LOW VOLTAGE POWER **FOR UP TO EIGHT** FLUSH VALVES FROM 120 VOLT SOURCE. POWER CONVERTER IS FURNISHED BY ~~GENERAL PLUMBING~~ CONTRACTOR, INSTALLED BY ELECTRICAL CONTRACTOR, INCLUDING LOW VOLTAGE CABLES. ~~GENERAL PLUMBING~~ CONTRACTOR WILL PROVIDE PIPE THROUGH THE WALL FOR LOW VOLTAGE CABLES. **EC SHALL PROVIDE BOX TO CONTAIN ALL LOW VOLTAGE SPLICES** (TYPICAL)."
4. Revised Keyed Note 3 as follows: "PROVIDE 120V COVERED OUTLET BOX ON WALL ADJACENT TO ZURN POWER CONVERTER, BOX SHALL HAVE DISCONNECT SNAP SWITCH IN COVER. PROVIDE LABEL ON COVER READING "FLUSH VALVE POWER". (TYPICAL). **EC SHALL MAKE HARD-WIRED CONNECTION BETWEEN OUTLET BOX AND ZURN POWER CONVERTER.**"
5. Added Keyed Note 4 providing as follows: "**EXISTING RECEPTACLE CONNECTED TO CIRCUIT AS SHOWN. EC SHALL EXTEND 120 VOLT CIRCUIT FROM EXISTING RECEPTACLE TO NEW 120 VOLT SWITCHED OUTLET BOXES FOR ZURN POWER CONVERTERS. PROVIDE A BOX EXTENSION ON EXISTING RECEPTACLE BOX TO ACCOMMODATE CONNECTION TO EXISTING RECEPTACLE CIRCUIT.**"
6. Added Keyed Note 5 providing as follows: "**EC SHALL FISH LOW VOLTAGE CABLES THROUGH THE PLUMBING CHASE IN OPEN FASHION. EC SHALL PROVIDE A MASONRY TYPE ELECTRICAL BOX IN EXISTING PLUMBING WALL TO ACCOMMODATE LOW VOLTAGE SPLICES AND PASSAGE OF LOW VOLTAGE CABLES THROUGH THE EXISTING PLUMBING WALL.**"
7. Corrected the scale for Detail C.
8. Revised the Plumbing Note as follows:
"PROVIDE FOLLOWING PARTS TO CONVERT THE BATTERY OPERATED EXISTING WATER CLOSET FLUSH VALVE INTO A HARD-WIRED FLUSH VALVE:
- PEMS6000-HYM-IS ACTUATOR WITH INTEGRAL SENSOR AND MANUAL PUSH-BUTTON OVERRIDE.

- P6000-ECA-WSI-CS TRIPLE FILER DIAPHRAGM.
 - P6000-PC6-PLUG-IN **HW6 HARD-WIRED** POWER CONVERTER."
9. Revised the Plumbing Note as follows:
 "PROVIDE FOLLOWING PARTS TO CONVERT THE BATTERY OPERATED EXISTING URINAL FLUSH VALVE INTO A HARD-WIRED FLUSH VALVE:
 - PEMS6000-HYM-IS ACTUATOR WITH INTEGRAL SENSOR AND MANUAL PUSH-BUTTON OVERRIDE.
 - P6000-EUA-WS1 DIAPHRAGM.
 - P6000-PC6-PLUG-IN **HW6 HARD-WIRED** POWER CONVERTER."
10. Added Keyed Notes call-out labels 4 and 5 to Details A, B and C.

Drawing E3.2 (Sheet 27 of 27)

1. Revise the communication outlet Symbol Legend Description as follows:
~~"COMMUNICATION OUTLET. CONSISTING OF 1" EMT TO CABLE TRAY IN BASEMENT. PROVIDE PULL STRING ENTIRE LENGTH. TERMINATE CONDUIT AT WORKSTATION END WITH 3"X2"X2-1/8" DEVICE BOX UNLESS DIRECTED OTHERWISE. FIELD COORDINATE FINAL LOCATION.~~
PROVIDE 3"X2"X2-1/8" BOX WITH IVORY COVER PLATE CONTAINING FOUR RJ-45 NON-KEYED OPENINGS. FIELD COORDINATE FINAL LOCATION OF COMMUNICATION BOXES. COMMUNICATION CABLES BY OTHERS. EC SHALL PROVIDE 1" EMT EMPTY CONDUIT SYSTEM FOR COMMUNICATIONS CABLES AS SHOWN AND NOTED ON PLANS. EMPTY CONDUIT SYSTEM SHALL TERMINATE AT EXISTING CABLE TRAY IN BASEMENT. PROVIDE PULL STRING IN ALL COMMUNICATION CONDUITS, ENTIRE LENGTH."

ATTACHMENTS

Drawings: E2.1 (Sheet 25 of 27), E3.1 (Sheet 26 of 27) & E3.2 (Sheet 27 of 27)

Receipt of Addendum No. 5 to Contract No. 53-12-02 is hereby acknowledged:

 (Firm Name)

 (Signature)

 (Printed Name)

Date: _____