



## **Karl R. Rohrer Associates, Inc.**

### **ADDENDUM 02**

#### **PROJECT:**

STATE PROJECT NUMBER DYS – 140117

**RESTROOM AND LAUNDRY ROOM RENOVATIONS  
BUILDINGS 1 & 2  
INDIAN RIVER JUVENILE CORRECTIONAL FACILITY  
AT  
2775 INDIAN RIVER ROAD, S.W.  
MASSILLON, OHIO 44626**

This Addendum supplements and amends the original Contract Documents and shall be taken into account in preparing proposals and shall become a part of the Contract Documents. The following changes shall be made to the contract:

**DATE:** July 19, 2016

### **ADDENDUM ITEMS**

#### **I. SPECIFICATIONS:**

- **Revise Specification Section 00 01 10 Table of Contents**
  - A. Replace Specification Section 00 01 10 – Table of Contents in its entirety with the revised attached 00 01 10 – Table of Contents.
- **Revise Document 00 10 00 – Solicitation**
  - A. Replace Cost Estimate for all Trades from \$1,060,275.00 to read \$1,200,000.00.

Architects – Engineers – Planners – Surveyors – Environmental Consultants

1133 PORTAGE TRAIL EXT.; SUITE B – AKRON, OHIO 44313 – (330) 923-8461 – FAX (330) 923-8459

II. **DRAWINGS:**

- **Revise Drawing M1.0 Mechanical Drawing as follows:**

- A. Added Ventilation Air Requirements Table attached.  
Table shall be located at lower left corner of sheet:

III. **RFI RESPONSES:**

- **Electrical RFIs (7/14/16)**

1. Question from Contractor: Coded note #7 in the new work coded notes mentions the new GFI receptacles to be added. It does show a note #7 on the power plan pointing at these receptacles, but note #7 is also shown on the lighting plan and points at the hallway lights. It appears that #7 is a duplicate and the lighting plan needs a separate note that is not listed for this item.

Answer: Note #7 at corridor on new work lighting plan to be deleted.

2. Question from Contractor: Coded note #9 in the new work coded notes mentions the new dryer circuit. It is correctly labeled on the power plan, but the lighting plan also shows note #9 pointing at the emergency lights. Same issue as above, a new note is probably needed to describe the items on the lighting plan.

Answer: Note #9 at corridor on new work lighting plan to be deleted. Fixtures in corridor are existing to remain as indicated on 1/A1.1 Partial Demo Plan.

3. Question from Contractor: New work coded note #4 mentions that the EC should furnish, install and wire a new security camera. However, on the demo/phasing plans it notes that the owner will temporarily relocate the existing cameras during construction. Should we assume that the owner will be

handling all the new security work & providing their own cameras? If not, no specs are provided on the camera that is desired, nor the wiring requirements/locations.

Answer: Existing security cameras located in the corridor shall be relocated by owner and not in contract.

New security cameras located in each new Laundry Room #001 will be provided by owner and installed by Electrical Contractor. Two security cameras are to be provided in each Laundry room, one located as shown on the electrical plan near the door and one additional camera will be located at opposite corner of the room located above the laundry tub. All Security cameras are to be wall mounted. The Electrical Contractor is to provide and install RG6 Siamese plenum copper coax cable. Run cable from each new security in existing cable trays above the ceiling to the existing DVR rack located across the hall from the Master Control Room (near the first floor main entrance of the building.) An additional 12-foot of cable is to be provided for each cable run at the DVR termination.

4. Question from Contractor: Generally speaking, all the coded notes that reference new homerun circuits to be ran say “wire to spare circuit in existing panel”. Does this mean there is a spare circuit breaker available for these circuits (particularly the 30A 220V dryer circuits)? I need to know if we need to provide new breakers. If they can provide the make & model of the panels that feed the living quarters too that would help.
- Answer: Electrical Contractor to provide new circuit breakers at available open spaces for new power circuits.

5. Question from Contractor: The MC is providing a new rooftop exhaust fan that I need to wire, and the notes say to “verify control”. The mechanical plans do not indicate how the fan will be controlled. Please advise if a switch or a timer is needed.
- Answer: Disconnect switches are provided with the new exhaust fans. Exhaust fans are to run continually no timer is required.

6. Question from Contractor: Will the new dryers be coming with pre-wired cords/plugs, or will the EC need to furnish & install those separately?

Answer: New dryers will be provided pre-wired. Electrical Contractor to coordinate with equipment supplier required plugs to be provided by the E.C.

- **Plumbing RFIs (7/14/16)**

1. Question from Contractor: The sanitary schematic does not show the piping to the new floor drains. Please clarify.

Answer: The sanitary drain piping to the new floor drains are indicated per plumbing New Work Coded notes #07 on P1.0 and per the waste and vent Plumbing Isometric on Drawing P1.1. The size of the branch sanitary drain piping to each floor drain to be 3-inches in diameter.

2. Question from Contractor: Can PVC sanitary piping be used in the pipe chases behind the fixtures?

Answer: All sanitary drain piping to be service weight cast iron with no-hub compression joints in accordance with plumbing Specifications, Item C, on drawing P1.2.

3. Question from Contractor: Please verify the existing water closets to stay and be reused.

Answer: The water Closets (WC) in toilet room #003 are to be new. Water closets in toilet rooms #002 and #004 are existing to remain and be reused.

- **RFI GENERAL ITEMS:**

1. Question from Contractor: Can the contractors can use the elevator to get materials up to the second floor?

Answer: Yes, the contractors can use the elevator, but it will require prior notification and coordination with staff (and youth movements).

**ATTACHMENTS:**

Revised Specification Section 00 01 10 – table of Contents

Ventilation Air Requirement Table – To be attached to Drawing M1.0

**END OF ADDENDUM 02**

**Document 00 01 10 - Table of Contents (General Contract)**  
**State of Ohio Standard Requirements for Public Facility Construction**

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**PROCUREMENT AND CONTRACTING REQUIREMENTS GROUP**

**Division 00 – Procurement and Contracting Requirements**

**Introductory Information**

00 01 10..... Table of Contents

**Procurement Requirements**

00 10 00..... Solicitation

00 21 13..... Instructions to Bidders

00 41 13..... Bid Form

00 43 13..... Bid Security Form

00 45 13..... Bidder’s Qualifications

00 45 39..... EDGE Affidavit

**Contracting Requirements**

00 52 00..... Agreement Form

00 52 14..... Subcontract Form

00 61 13..... Performance and Payment Bond Form

00 71 00..... Contracting Definitions

00 72 13..... General Conditions

00 73 43..... Wage Rate Requirements

**SPECIFICATIONS GROUP**

**GENERAL REQUIREMENTS SUBGROUP**

**Division 01 – General Requirements**

01 11 00..... Summary of Work

01 14 00..... Special Work Restrictions

01 32 13..... Scheduling of Work

01 32 16..... Construction Progress Schedule

01 70 00..... Execution and Closeout Requirements

01 74 00..... Cleaning and Waste management

01 78 23..... Operation and Maintenance Data

01 78 36..... Warranties

**FACILITY CONSTRUCTION SUBGROUP**

**Division 02 – Existing Conditions**

02 41 19..... Selective Structure Demolition

**Division 03 – Concrete**

03 30 00..... Cast-In-Place Concrete

03 53 00..... Concrete Topping

**Division 04 – Masonry**

04 05 13..... Masonry Mortaring

04 05 23..... Masonry Accessories

04 22 00..... Concrete Unit Masonry

04 23 00..... Glass Unit Masonry

**Division 05 – Metals**

05 50 00.....Metal Fabrications

**Division 06 – Wood, Plastics, and Composites**

06 10 00.....Rough Carpentry

06 20 00.....Finish Carpentry

**Division 07 – Thermal and Moisture Control**

07 84 00.....Firestopping

07 90 00.....Joint Protection

**Division 08 – Openings**

08 31 00.....Access Doors

08 34 53.....Security Doors and Frames

08 71 00.....Door Hardware

08 80 00.....Glazing

**Division 09 – Finishes**

09 29 00.....Gypsum Board

09 67 23.....Resinous Flooring

09 90 00.....Painting and Coating

09 96 56.....Epoxy Coating

**Division 10 – Specialties**

10 14 00.....Signage

10 28 13.....Detention Toilet Accessories

**Division 11 – Not Used****Division 12 – Furnishings**

12 30 00.....Casework

**Divisions 13 through 19 – Not Used****FACILITY SERVICES SUBGROUP****Division 20 – Not Used****Division 21 – Not Used****Division 22 – Plumbing**

22 05 00.....Common Work Results for Plumbing

**Division 23 – Heating, Ventilating, and Air Conditioning**

23 05 00.....Common Work Results for HVAC

**Division 24 – Not Used****Division 25 – Not Used****Division 26 – Electrical**

26 05 00.....Common Work Results for Electrical

Division 27 – Not Used

Division 28 – Not Used

Division 29 – Not Used

SITE AND INFRASTRUCTURE SUBGROUP

Divisions 30 through 39 – Not Used

PROCESS EQUIPMENT SUBGROUP

Division 40 through 49 Not Used

END OF DOCUMENT

### VENTILATION AIR REQUIREMENT

HVAC UNIT	ZONE DESCRIPTION	ZONE FLOOR AREA (SQ. FT.) Az	AREA OUTDOOR AIR RATE (CFM/SQ.FT.) Ra	PEOPLE OUTDOOR AIR RATE (CFM/PERSON) Rp	ZONE POPULATION (# OF PEOPLE) Pz	BREATHING ZONE OUTDOOR AIR FLOW (CFM) Vbz	ZONE AIR DISTRIBUTION EFFECTIVENESS Ez	ZONE OUTDOOR AIR FLOW (CFM) Voz	SYSTEM VENTILATION EFFICIENCY Ev	MINIMUM OUTDOOR AIR INTAKE FLOW (CFM) Vol	DESIGN OUTDOOR AIR INTAKE FLOW (CFM)	REMARKS
RTU (E)	LAUNDRY 101	125	0.06	7.5	2	23	0.8	28	1	28	30	
<b>RTU (E) TOTALS</b>		<b>125</b>				<b>23</b>		<b>28</b>		<b>28</b>	<b>30</b>	
EXHAUST FAN (N)	TOILET ROOM 102	81	1 SHWR & 1 WC	0	75 CFM SHWR & WC	150 CFM EXHAUST	0	150 CFM EXHAUST	1	150 CFM EXHAUST	150 CFM EXHAUST	EXHAUST WITH SUPPLY AIR MAKEUP THROUGH DOOR
EXHAUST FAN (N)	TOILET ROOM 103	54	1 SHWR & 1 WC	0	75 CFM SHWR, & WC	150 CFM EXHAUST	0	150 CFM EXHAUST	1	150 CFM EXHAUST	150 CFM EXHAUST	EXHAUST WITH SUPPLY AIR MAKEUP THROUGH DOOR
<b>EF (N) TOTALS</b>		<b>135</b>				<b>300 CFM EXHAUST</b>		<b>300 CFM EXHAUST</b>		<b>300 CFM EXHAUST</b>	<b>300 CFM EXHAUST</b>	

NOTES: 1. MECHANICAL AIR VENTILATION REQUIREMENTS BASED ON OHIO MECHANICAL CODE - 2011 EDITION