ADDENDUM NO. 01

PROJECT: FAIRFIELD COUNTY AUDITOR’S OFFICE
108 North High Street
Lancaster, Ohio 43130

TO: All Prospective Bidders and others to whom Plans and Specifications for the above referenced Project have been issued.

OWNER: FAIRFIELD COUNTY COMMISSIONERS
210 East Main Street
Lancaster, Ohio 43130

ARCHITECT: DLZ OHIO, Inc.
6121 Huntly Road
Columbus, Ohio 43229
DLZ Project Number: 1821-7001-50

DATE: December 19, 2018

The items included in this Addendum are to become a part of the original Contract Documents including Drawings and Project Manual dated December 6, 2018 as if included herein. Only these items are to be altered. The remainder of the original Drawings and Project Manual remain valid in their entirety. Bidders must acknowledge receipt of this Addendum in the space provided on the Proposal Form. Failure to do so may subject the Bidder to disqualification.

PROJECT MANUAL

ITEM NO. 1. SECTION 00 11 13 – NOTICE TO BIDDERS
   a. Bid date is changed from December 28, 2018 to January 9, 2019.

ITEM NO. 2. SECTION 22 42 13.13 – COMMERCIAL WATER CLOSETS
   a. Replace this section with the attached section 22 42 13.13

ITEM NO. 3. SECTION 07 21 00 – THERMAL INSULATION
   a. Add the following manufacturer to 2.4.A.1
      • Icynene Inc.

DRAWINGS

ITEM NO. 4. DRAWING C7.0 – UTILITY PLAN
   a. Modify size of domestic water service per attached drawing C7.0
ITEM NO. 5. DRAWING S2.0 – FOUNDATION PLAN

a. Add the following clarification corresponding to the helical anchors added within the existing footprint of the building:

- After demolition and temporary support operations have been performed, the contractor shall employ a qualified geotechnical engineer to evaluate the conditions of the soil materials in the vicinity of the proposed new foundation construction. The geotechnical engineer so employed shall make recommendations of the suitability of the materials for spread footings and report them promptly to the structural engineer of record. The contractor shall base their bid on using helical anchors, with the potential for changing the foundation system at the existing building to a spread footing, at which point a change order will be considered.

ITEM NO. 6. DRAWING P0.1 – GENERAL NOTES, SYMBOLS AND ABBREVIATIONS

a. Modify Cold Water WSFU Count Per Attached Drawing P0.1

ITEM NO. 7. DRAWING P2.1 – FIRST AND SECOND FLOOR UNDERFLOOR PLUMBING PLAN

a. Modify toilet fixtures per attached drawing P2.1

ITEM NO. 8. DRAWING P2.3 – BASEMENT AND FIRST FLOOR PLUMBING PLAN

a. Modify domestic cold-water pipe size per attached drawing P2.3

ITEM NO. 9. DRAWING P2.4 – SECOND FLOOR AND ATTIC PLUMBING PLAN

a. Modify domestic cold-water pipe size per attached drawing P2.4

ITEM NO. 10. DRAWING P3.1 – DOMESTIC WATER ISOMETRIC VIEW

a. Modify domestic cold-water pipe size per attached drawing P3.1

ITEM NO. 11. DRAWING P3.2 – SANITARY AND VENT ISOMETRIC VIEW

a. Modify WC-1 type per attached drawing P3.2

ITEM NO. 12. DRAWING P4.1 – PLUMBING ENLARGED PLANS & SECTIONS

a. Modify domestic cold-water pipe size per attached drawing P4.1

ITEM NO. 13. DRAWING P6.1 – EQUIPMENT AND FIXTURE SCHEDULES

a. Modify schedules per attached drawing P6.1
ITEM NO. 14. DRAWING E2.0 – LOWER LEVEL AND FIRST FLOOR POWER PLANS  
   a. Detail #1, Women’s RR #108 and Men’s RR #108 – delete automatic flush valve and associated electrical circuitry from each water closet ‘WC-1’.

ITEM NO. 15. DRAWING E2.1 – SECOND FLOOR AND ATTIC POWER PLANS  
   a. Detail #1, Women’s RR #205 and Men’s RR #206 – delete automatic flush valve and associated electrical circuitry from each water closet ‘WC-1’.

ATTACHMENTS:

PROJECT MANUAL
   • SECTION 22 42 13.13 – COMMERCIAL WATER CLOSETS

DRAWINGS
   • DRAWING C7.0 – UTILITY PLAN
   • DRAWING P2.1 – FIRST AND SECOND FLOOR UNDERFLOOR PLUMBING PLAN
   • DRAWING P2.3 – BASEMENT AND FIRST FLOOR PLUMBING PLAN
   • DRAWING P2.4 – SECOND FLOOR AND ATTIC PLUMBING PLAN
   • DRAWING P3.1 – DOMESTIC WATER ISOMETRIC VIEW
   • DRAWING P3.2 – SANITARY AND VENT ISOMETRIC VIEW
   • DRAWING P4.1 – PLUMBING ENLARGED PLANS & SECTIONS
   • DRAWING P6.1 – EQUIPMENT AND FIXTURE SCHEDULES

PREBID MEETING
   • PREBID MEETING ATTENDANCE LIST

END OF ADDENDUM NO. 01
SECTION 224213.13 - COMMERCIAL WATER CLOSETS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section Includes:

1. Water closets.
2. Flushometer tanks.

1.3 DEFINITIONS

A. Effective Flush Volume: Average of two reduced flushes and one full flush per fixture.

B. Remote Water Closet: Located more than 30 feet from other drain line connections or fixture and where less than 1.5 drainage fixture units are upstream of the drain line connection.

1.4 ACTION SUBMITTALS

A. Product Data: For each type of product.

1. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for water closets.
2. Include rated capacities, operating characteristics, and furnished specialties and accessories.

1.5 CLOSEOUT SUBMITTALS

A. Operation and Maintenance Data: For flushometer valves to include in operation and maintenance manuals.
PART 2 - PRODUCTS

2.1 FLOOR-MOUNTED, BOTTOM-OUTLET WATER CLOSETS

A. Water Closets: Floor mounted, floor outlet, close coupled (gravity tank), vitreous china.

1. **Manufacturers:** Subject to compliance with requirements, provide products by one of the following:

   b. Crane Plumbing, L.L.C.
   c. FNW; Ferguson Enterprises, Inc.
   d. Kohler Co.
   e. Mansfield Plumbing Products LLC.
   f. Peerless Pottery Sales, Inc.
   g. TOTO USA, INC.
   h. Zurn Industries, LLC.

2. Bowl:

   b. Bowl Type: Siphon jet.
   c. Height: Handicapped/elderly.
   d. Rim Contour: Elongated.
   e. Water Consumption: Water saving.

3. Toilet Seat: Included

4. Supply Fittings:

   b. Supply Piping: Chrome-plated-brass pipe or chrome-plated-copper tube matching water-supply piping size. Include chrome-plated wall flange.
   c. Stop: Chrome-plated-brass, one-quarter-turn, ball-type or compression stop with inlet connection matching water-supply piping type and size.

     1) Operation: Wheel handle.

   d. Riser:

     1) Size: As indicated on drawings.
     2) Material: ASME A112.18.6, braided- or corrugated-stainless-steel flexible hose riser.
PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine roughing-in of water supply and sanitary drainage and vent piping systems to verify actual locations of piping connections before water-closet installation.

B. Examine walls and floors for suitable conditions where water closets will be installed.

C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

A. Water-Closet Installation:

1. Install level and plumb according to roughing-in drawings.
2. Install floor-mounted water closets on bowl-to-drain connecting fitting attachments to piping or building substrate.
3. Install accessible, wall-mounted water closets at mounting height for handicapped/elderly, according to ICC/ANSI A117.1.

B. Wall Flange and Escutcheon Installation:

1. Install wall flanges or escutcheons at piping wall penetrations in exposed, finished locations and within cabinets and millwork.
2. Install deep-pattern escutcheons if required to conceal protruding fittings.
3. Comply with escutcheon requirements specified in Section 220518 "Escutcheons for Plumbing Piping."

C. Joint Sealing:

1. Seal joints between water closets and walls and floors using sanitary-type, one-part, mildew-resistant silicone sealant.
2. Match sealant color to water-closet color.
3. Comply with sealant requirements specified in Section 079200 "Joint Sealants."

3.3 CONNECTIONS

A. Connect water closets with water supplies and soil, waste, and vent piping. Use size fittings required to match water closets.

B. Comply with water piping requirements specified in Section 221116 "Domestic Water Piping."

C. Comply with soil and waste piping requirements specified in Section 221316 "Sanitary Waste and Vent Piping."

D. Where installing piping adjacent to water closets, allow space for service and maintenance.
3.4 ADJUSTING

A. Operate and adjust water closets and controls. Replace damaged and malfunctioning water closets, fittings, and controls.

B. Adjust water pressure at flushometer valves to produce proper flow.

3.5 CLEANING AND PROTECTION

A. Clean water closets and fittings with manufacturers’ recommended cleaning methods and materials.

B. Install protective covering for installed water closets and fittings.

C. Do not allow use of water closets for temporary facilities unless approved in writing by Owner.

END OF SECTION 224213.13
PLUMBING BASIS OF DESIGN

EQUIPMENT ABBREVIATIONS

PLUMBING ABBREVIATIONS

PLUMBING GENERAL NOTES

PLUMBING SYMBOLS
6" EX SAN SERVICE LINE. REFER TO C7.0 FOR EXACT LOCATION AND INVERT ELEVATION.

CB-1

6" NEW SAN LINE BELOW RAMP. REFER TO C7.0 FOR EXACT LOCATION AND INERT ELEVATION.

SP-1

BTM OF CB-1 AT IE ± 93.49.

4" SAN DROP TO 6" NEW SAN SERVICE LINE INLET TO BUILDING. REFER TO 1/P3.2 FOR DETAIL.

FD-1

WC-1

1/2" TP LINE DN FROM SECOND FLOOR ACS

2" SAN DN FROM ATTIC SPACE.

1/4" SAN DN FROM SK-1.

2" SAN

P4.1

2"ø V UP FROM FIRST FLOOR

FD-1

WC-1

1 1/4"ø V UP FROM FIRST FLOOR

WC-1

2" SAN
### PLUMBING FIXTURE SCHEDULE

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<th>FIXTURE</th>
<th>DESCRIPTION</th>
<th>ACCEPTABLE MANUFACTURER</th>
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<th>WATER</th>
<th>REMARKS</th>
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<td>LAV-1</td>
<td>LAVATORY BOWL - WALL HUNG, VITREOUS CHINA, CONCEALED ARM SUPPORTS</td>
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<td>BACKFLOW PREVENTER - CONFORMING TO ASSE 1022. 3/8&quot; INLET AND OUTLET SIZE WITH 1/8&quot; VENT. ZURN WILKENS MODEL 740 OR EQUIVALENT</td>
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<td>FCO-1</td>
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<td>FLOOR DRAIN LACQUERED CAST IRON HEAVY DUTY FLOOR DRAIN WITH 5&quot; ROUND DUCTILE IRON, ADJUSTABLE STRAINER, AND DEEP SUMP BODY COMPLETE WITH SEDIMENT BUCKET. MIFAB MODEL F1100-5-HG-3-5 OR EQUIVALENT</td>
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<td>PRESSURE REDUCING VALVE - 1&quot; INLET WITH LEAD-FREE. ZURN WILKENS MODEL 500XLC OR EQUIVALENT</td>
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<td>WATER HAMMER ARRESTOR: ASSE 1010 APPROVED. 12 TO 32 CROSS FIXTURE UNIT RATING. WATTS LF15M2-B 3/4&quot; INLET</td>
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<td>9</td>
<td>DET-1</td>
<td>DOMESTIC EXPANSION TANK: 2 GALLON TANK FOR 0.74 GALLON OF REQUIRED TANK VOLUME WITH 0.2</td>
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<td>WH-1</td>
<td>TANKLESS CONDENSING HIGH EFFICIENCY COMMERCIAL GAS WATER HEATER: INDOOR MODEL WITH</td>
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<td>CATCH BASIN: PROVIDE 18&quot; DIAMETER X 30&quot; DEEP CATCH BASIN WITH TOP DISCHARGE ASSEMBLY WITH</td>
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<td>SP-1</td>
<td>SUMP PUMP: DURABLE, CAST IRON CONSTRUCTION WITH POWDER COATED EPOXY FINISH</td>
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### BACKFLOW PREVENTER VALVE SCHEDULE

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### PLUMBING EQUIPMENT SCHEDULE

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# ATTENDANCE SHEET

**Meeting:** Pre-Bid Mtg for Auditor’s Real Estate Building Renovation Project  
**Date:** December 14, 2018 @11:00 AM

<table>
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<th>NAME</th>
<th>COMPANY</th>
<th>ADDRESS</th>
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<tbody>
<tr>
<td>1  Dennis Keller</td>
<td>Fairfield County Facilities Mgr</td>
<td>210 E. Main, Lancaster</td>
<td>740-652-7097</td>
<td><a href="mailto:dennis.keller@fairfieldcountyohio.gov">dennis.keller@fairfieldcountyohio.gov</a></td>
</tr>
<tr>
<td>2  Judson Brown</td>
<td>Thyssenkrupp Elevator</td>
<td></td>
<td>614 364 0274</td>
<td><a href="mailto:Judson.brown@thyssenkrupp.com">Judson.brown@thyssenkrupp.com</a></td>
</tr>
<tr>
<td>3  Shawn P. McCall</td>
<td>Flecto Construction</td>
<td>Zanesville OH</td>
<td>740 704 4789</td>
<td><a href="mailto:Tom@flectoconstruction.com">Tom@flectoconstruction.com</a></td>
</tr>
<tr>
<td>4  Henry W. Stelling</td>
<td>DLZ</td>
<td>Hales 11</td>
<td>317 771 2587</td>
<td><a href="mailto:hstelling@dlz.com">hstelling@dlz.com</a></td>
</tr>
<tr>
<td>5  Doug Moody</td>
<td>DLZ</td>
<td>Columbus OH</td>
<td>614 506-6119</td>
<td><a href="mailto:dmoody@dlz.com">dmoody@dlz.com</a></td>
</tr>
<tr>
<td>6  Rodney Morris</td>
<td>Altman</td>
<td>Columbus Ohio</td>
<td>614 253 6611</td>
<td><a href="mailto:mail@altmanqc.com">mail@altmanqc.com</a></td>
</tr>
<tr>
<td>7  Kevin Dungan</td>
<td>Elfed</td>
<td>Columbus, OH</td>
<td>614-372-0031</td>
<td><a href="mailto:kendungan@elfed.com">kendungan@elfed.com</a></td>
</tr>
<tr>
<td>8  Jeff Lutz</td>
<td>Setterlin</td>
<td>Southawn Ave.</td>
<td>604 705 9774</td>
<td><a href="mailto:J.Lutz@setterlin.com">J.Lutz@setterlin.com</a></td>
</tr>
<tr>
<td>9  Paul J. Boese</td>
<td>Charter Hill Castle</td>
<td>10200 Rong Rd</td>
<td>614 862-1812</td>
<td>charterhill114_cy Incre.com</td>
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<tr>
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<tr>
<td>10</td>
<td>Craig Turner</td>
<td>Gutwecht Const. 2280 Citygate Dr</td>
<td>614-562-2455</td>
<td><a href="mailto:c.fish@gutwecht.com">c.fish@gutwecht.com</a></td>
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<tr>
<td>11</td>
<td>Tyler Birch</td>
<td>Drummond Court 201 Canal St, Lancaster</td>
<td>740-654-9000</td>
<td><a href="mailto:drummond9000@sbcglobal.net">drummond9000@sbcglobal.net</a></td>
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<tr>
<td>12</td>
<td>Brad Witterlin</td>
<td>Carl Johnson Co. 680 E Hunter St Logan</td>
<td>740-603-1179</td>
<td><a href="mailto:ctjinc@frontier.com">ctjinc@frontier.com</a></td>
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<tr>
<td>13</td>
<td>John Lines</td>
<td>Claypool Electric 1275 Lancaster, Dublin</td>
<td>740-653-5653</td>
<td><a href="mailto:Jlines@claypoolelectric.com">Jlines@claypoolelectric.com</a></td>
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<tr>
<td>14</td>
<td>Alex Horton</td>
<td>Fire System Professional</td>
<td>614-876-9139</td>
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</tr>
<tr>
<td>15</td>
<td>Andy Wyeth</td>
<td>2k General 19 Gruber St Dublin</td>
<td>740-417-9145</td>
<td><a href="mailto:Andy.Wyeth@2kgeneral.com">Andy.Wyeth@2kgeneral.com</a></td>
</tr>
<tr>
<td>16</td>
<td>New Scott</td>
<td>Ohio Henry</td>
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