

# Addendum 2

**City of Canton, Ohio**  
Purchasing Department  
218 Cleveland Ave. SW, 4<sup>th</sup> floor  
Canton, Ohio 44702

Water Department Service Shop Addition and Renovation

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**Item/Project**

Water Department

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**Responsible Department**

2:00 PM, 4/4/2024

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**Bids Due**

**Bid Proposal Submitted By:**

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**Company Name**

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**Street Address**

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**City**

**State**

**Zip**

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**Contact Person**

**Phone No.**

**Email Address**

PROJECT: CITY OF CANTON WATER DEPARTMENT  
SERVICE SHOP ADDITION AND RENOVATIONS

ADDENDUM DATE: APRIL 1, 2024

ISSUED BY: MOTTER & MEADOWS ARCHITECTS

TO: ALL BIDDERS

This addendum is a modification of the Bid Document for the Work included for the above named project, and is hereby incorporated into and become a part of said Bid Document. It covers changes and clarification as follows:

**REVISION/CLARIFICATION OF THE CONTRACT DOCUMENTS:**

**GENERAL**

1. The City has an asbestos report for the building. Caulking around the windows and the waterline fittings contain asbestos. The City will handle the asbestos abatement under separate contract but will need to coordinate with the Contractor for removal of the windows.

**SPECIFICATIONS**

**1. SPECIFICATION SECTION 08 33 16 – ROLLING SERVICE DOORS**

- a. See attached Specification Section 08 33 16 – Rolling Service Doors

**DRAWINGS**

**1. DRAWING D-1.2 – PARTIAL DEMOLITION FLOOR PLAN – EXISTING SERVICE SHOP**

- a. Add note for trench drains as follows: Remove existing trench drain grates and concrete formed trench as required for replacement of trench drain system. Typical all trench drains.

**2. DRAWING A-1.2 – BRONZE PLAQUE**

- a. Information on Bronze Plaque has been revised. See attached.  
(Attachment was inadvertently omitted from Addendum No. 1)

**3. DRAWING A-2.2, A-2.3 – TRENCH DRAIN SYSTEM**

- a. Add the following information for Trench Drain Systems – all locations
  1. Trench Drain Grates: Neenah R-4990-D and L Frame.
  2. Square Grates: Neenah R-4994-LB frame with Type C Grate Openings
  3. Manholes: Neenah R-1792-HG
- b. Verify and confirm all components and sizes prior to ordering.

4. **DRAWING A-2.4 – PARTIAL REFLECTED CEILING PLAN – EXISTING ADMINISTRATION**
  - a. In REFLECTED CEILING PLAN LEGEND, add the word “NEW” before 2 x4 SUSPENDED CEILING SYSTEM.
  
5. **DRAWING A-6.1 – ROOM FINISH SCHEDULE**
  - a. In CEILING column, add the word “NEW” before 2 x4 ACOUSTICAL CEILING TILE.
  
6. **DRAWING S-3.1 – ROOM FINISH SCHEDULE**
  - a. For Detail - PROCEDURES TO LOCATE REPAIR AREAS AT CONCRETE SLABS, add the following Note 6:
    6. Quantity: 1,500 SF
  
7. **DRAWING P-3.3 – PLUMBING EQUIPMENT AND DRAIN SCHEDULE**
  - a. Revise Frostproof Wall Hydrant FWH-1 to be Woodford Model 25.  
(Revised model number was inadvertently omitted from Addendum No. 1)
  
8. **DRAWING E-2.1 – PARTIAL MAIN LEVEL POWER PLAN – EXISTING ADMINISTRATION**
  - a. Service Administration 104: Add 1-1/4” C. in floor from floor box below conference table to South wall and stub out in wall to JB at TV location. EC shall provide HDMI Cable from conference table to TV, with 10’ tails at each end.
  - b. Service 108: Add 1-1/4” C. in floor from floor box below conference table to South wall and stub out in wall to JB at TV location. EC shall provide HDMI Cable from conference table to TV, with 10’ tails at each end.
  - c. Service 108: Add 1-1/4” C. in floor from floor box below conference table to North wall of Double Office 107, and stub out in wall to JB at desk location. EC shall provide (2) HDMI Cable from conference table to desks, with 10’ tails at each end.

### **BIDDER QUESTIONS**

Q: Is MC cable permitted for the wiring between the high bay light fixtures in the service shop?  
A: MC cable only for fixture whips and where installed or “fished” in existing walls.

Q: Does the lighting control cabling for the high bay light fixtures need to be installed in conduit in the ceiling space of the service shop?  
A: Yes.

Q: Is MC cable permitted for the wiring between the exterior wall pack light fixtures in the service shop?  
A: No, 6’ fixture whips are acceptable.

Q: Are we to assume that all conduit and wiring is to be reused as-is in the areas where devices or lights are showing to be replaced?  
A: Yes.

Q: Specification 051200 Structural Steel, Section 1.6 A&B states that AISC certified plants and erectors are only allowed to bid on the project. Can these requirements be waived?  
A: No.

- Q: Please verify the width of the slab on grade demolition for the new trench drain in the existing building (sheet S-1.1A). It appears the required cut-out is between 8 & 9 wide.
- A: The 8'-0" to 9'-0" wide cut for the trench drain is appropriate. This considers an assumed line of excavation from the bottom of the proposed trench footing at a 1:1 slope to the existing slab-on-grade.
- Q: What is the material makeup of the existing roof?
- A: The existing roof is a single-ply 0.036 thick EIP membrane with Styrofoam backing board.
- Q: Please advise if existing roof is structurally sloped. If unknown, have any core cuts been taken from roof that can be referenced?
- A: Existing roof structure is sloped. No core cuts have been performed.
- Q: For the overhead sectional doors (124A, 124D, 124F, and 124G), are the existing motor operators trolley operators?
- A: Yes.
- Q: Addendum 1 only included (1) drawing with changes, but multiple drawings note changes. Please advise where additional drawings can be found or when they will be distributed.
- A: Addenda 1 included mostly verbal revisions and clarifications. Drawings will be updated with Addenda revisions and a conformed set will be issued to the selected contractor prior to start of construction.

END OF ADDENDUM NO. 2

## SECTION 08 33 16 – ROLLING SERVICE DOORS

### A. SUMMARY

1. Section Includes: Manual operated overhead rolling service doors.
2. Related Sections:
  - a. 04 20 00 – Unit Masonry
  - b. 05 50 00 – Metal Fabrications.
  - c. 06 10 00 – Rough Carpentry.

### B. SYSTEM DESCRIPTION

1. Cycle Life: Standard construction for normal use of up to 20 cycles per day maximum, and a life cycle expectancy of up to 50,000.

### C. SUBMITTALS

1. Reference Section 01 33 00 – Submittal Procedures; submit the following items:
  - a. Product Data.
  - b. Shop Drawings: Include special conditions not detailed in Product Data. Show interface with other work.
  - c. Quality Assurance/Control Submittals:
    1. Provide proof of manufacturer ISO 9001: 2008 registration.
    2. Provide proof of manufacturer and installer qualifications.
    3. Provide manufacturer's installation instructions.
  - d. Closeout Submittals: Operation and Maintenance Manual.

### D. QUALITY ASSURANCE

1. Qualifications:
  - a. Manufacturer Qualifications: ISO 9001:2008 registered and a minimum of five years experience in producing fire and smoke control units of the type specified.
  - b. Installer Qualifications: Manufacturer's approval.

### E. DELIVERY STORAGE AND HANDLING

1. Reference Section 01 60 00 – Product Requirements.
2. Follow manufacturer's instructions.

### F. WARRANTY

1. Standard Warranty: Two years from date of building substantial completion, against defects in material and workmanship.

### G. MANUFACTURER

1. Acceptable Manufacturers
  - a. Atlas Door
  - b. Clopay
  - c. The Cookson Company, Inc.
  - d. Cornell Iron Works, Inc.

### H. MATERIALS

1. Standard Specified: Cornell Iron Works, Inc., Model ESD10.
2. Curtain:
  - a. Slats: Galvanized Steel: No. 5F (prefinished with GalvaNex™ Coating System), Grade 40 steel, ASTM A 653 galvanized steel zinc coating. Gauge as required to meet performance requirements.

1. Finish: GalvaNex™ Coating System: ASTM A 653 galvanized base coating treated with dual process rinsing agents in preparation for chemical bonding baked-on base coat and gray baked-on polyester enamel finish coat.
  - b. Bottom Bar: Extruded Aluminum alloy 6063-T5
  - c. Fabricate interlocking continuous slat sections with high strength steel endlocks secured with two ¼” (6.35 mm) rivets per UL requirements.
3. Guides: Structural Steel angles. Top of inner and outer guide angles to be flared outwards to form bellmouth for smooth entry of curtain into guides. Provide removable guide stoppers to prevent over travel of curtain and bottom bar.
  - a. Finish: Powder Coat: Zirconium pre-treatment followed by baked-on polyester powder coat. minimum 2.5 mils (0.065 mm) cured film thickness; ASTM D-3363 pencil hardness: H or better. Color to match curtain gray.
4. Counterbalance Shaft Assembly:
  - a. Barrel: Steel pipe capable of supporting curtain load with maximum deflection of 0.03 inches per foot (2.5 mm per meter) of width.
  - b. Spring Balance: Oil-tempered, heat-treated steel helical torsion spring assembly designed for proper balance of door to ensure that maximum effort to operate will not exceed 25 lbs (110 N). Provide wheel for applying and adjusting spring torque.
5. Brackets: Fabricate from minimum 1/4 inch (6.35 mm) steel plate with permanently lubricated ball or roller bearings at rotating support points to support counterbalance shaft assembly and form end closures.
  - a. Finish:
    1. Steel: Phosphate treatment followed by a light gray baked-on polyester powder coat; minimum 2.5 mils (0.065 mm) cured film thickness. Color to match curtain gray.
6. Hood: Galvanized Steel with reinforced top and bottom edges. Provide intermediate support brackets as required.
  - a. Finish: GalvaNex™ Coating System: ASTM A 653 galvanized base coating treated with dual process rinsing agents in preparation for chemical bonding baked-on base coat and gray baked-on polyester enamel finish coat.

#### I. ACCESSORIES

1. Padlockable slide bolt on coil side of bottom bar at each jamb extending into slots in guides.

#### J. OPERATION

1. Manual ControlGard Chain Hoist: Provide chain hoist operator with endless steel chain, chain pocket wheel and guard, geared reduction unit, and chain keeper secured to guide. Chain hoist to include integral brake mechanism that will immediately stop upward or downward travel and maintain the door in a stationary position when the hand chain is released by the user.

#### K. EXAMINATION

1. Examine substrates upon which work will be installed and verify conditions are in accordance with approved shop drawings.
2. Coordinate with responsible entity to perform corrective work on unsatisfactory substrates.
3. Commencement of work by installer is acceptance of substrate.

#### L. INSTALLATION

1. General: Install door and operating equipment with necessary hardware, anchors, inserts, hangers and supports.
2. Follow manufacturer's installation instructions.

#### M. ADJUSTING

1. Following completion of installation, including related work by others, lubricate, test, and adjust doors for ease of operation, free from warp, twist, or distortion.

N. FIELD QUALITY CONTROL

1. Site Test: Test doors for normal operation and automatic closing. Coordinate with authorities having jurisdiction to verify test and document as required.

O. CLEANING

1. Clean surfaces soiled by work as recommended by manufacturer.
2. Remove surplus materials and debris from the site.

P. DEMONSTRATION

1. Demonstrate proper operation, testing and reset procedures to Owner's Representative.
2. Instruct Owner's Representative in maintenance procedures.

END OF SECTION 08 33 16

3'-0"

# WATER DEPARTMENT SERVICE BUILDING

## CITY OF CANTON, OHIO

### 2025

WILLIAM V. SHERER II - MAYOR

JOHN M. HIGHMAN, JR. - SERVICE DIRECTOR

TYLER S. CONVERSE - WATER SUPERINTENDENT

BRENT BURRIER - ASSISTANT WATER SUPERINTENDENT

CHRISTOPHER BARNES - CITY ENGINEER

ANDREA M. PERRY - SAFETY DIRECTOR

JASON P. REESE - LAW DIRECTOR

KIM R. PEREZ - CITY TREASURER

RICHARD A. MALLONN II - CITY AUDITOR

### CITY COUNCIL

KRISTEN BATES AYLWARD - PRESIDENT

JAMES BABCOCK

GREG HAWK

CHRIS SMITH

JOHN MARIOL II

LOUIS GIAVASIS

BRENDA KIMBROUGH

ROBERT FISHER

RICHARD SACCO

CRYSTAL SMITH

JASON SCAGLIONE

J. NATE COOKS

FRANK MORRIS

ARCHITECT

GENERAL CONTRACTOR

ELECTRICAL CONTRACTOR

HVAC CONTRACTOR

PLUMBING CONTRACTOR

MOTTER & MEADOWS ARCHITECTS

TBD

TBD

TBD

TBD

2'-0"

NEW 2' X 3' BRONZE PLAQUE

- COORDINATE LOCATION WITH OWNER

- PROVIDE BLOCKING AS REQUIRED

**BRONZE PLAQUE**

SCALE: 6" = 1'-0"