Jacobs

ADDENDUM NO. 2 Date: May 18, 2025
TO THE CONTRACT DOCUMENTS Project No.: D3887600

for the construction of

C C WILLIAMS WWTP CHLORINE / SO2 BUILDING AND DIGESTER MODIFICATIONS
MOBILE AREA WATER AND SEWER SERVICES (MAWSS)
MOBILE, AL

To All Planholders and/or Prospective Bidders:

The following changes, additions, and/or deletions are hereby made a part of the Contract Documents for the construction of C C Williams WWTP Chlorine / SO2 Building and Digester Modifications Project dated March 2025 as fully and completely as if the same were fully set forth therein:

A. **PART 1—MAWSS STANDARD SPECIFICATIONS**

1. The Bid Date of June 2, 2025 as changed by Addendum 1 from May 5, 2025 as indicated in the Invitation for Bids is hereby REVISED for the new Bid Date to be **June 16, 2025**.

2. The deadline for submission of inquiries of May 23, 2025 as changed by Addendum 1 from of April 25, 2025 as indicated in the Invitation to Bids is hereby REVISED for the deadline to be **June 5, 2025.**

3. The Invitation to Bids is revised to DELETE "No Contract Documents will be issued later than twenty-four (24) hours prior to bid submission time." And INSERT "**No Contract Documents will be issued later than May 28, 2025.**"

B. **PART 2—TECHNICAL SPECIFICATIONS**

1. The report titled Geotechnical Report -Addendum #2 - CC Williams WWTP Dewatering Facility as added by reference to Section 31 15 00 Paragraph 2.01.B though Addendum 1 is DELETED.

2. Section 08 33 23 OVERHEAD COILING DOORS is ADDED to the specifications and is herewith attached.

3. Section 28 00 00 Paragraph 1.01.L is REVISED to read as follows "The contractor is responsible for pulling the cables through conduits to and from the security equipment. Security Engineering Inc, as MAWSS security integrators, is responsible for providing all security equipment as noted in the Drawings, installing the security equipment and integrating it with the existing

enterprise system to ensure a fully functional security system. Their effort and the cost of the security equipment and integration are covered by MAWSS."

4. Section 28 10 00 Paragraph 1.01.H is REVISED to read as follows "The contractor is responsible for pulling the cables through conduits to and from the security equipment. Security Engineering Inc, as MAWSS security integrators, is responsible for providing all security equipment as noted in the Drawings, installing the security equipment and integrating it with the existing enterprise system to ensure a fully functional security system. Their effort and the cost of the equipment and security integration are covered by MAWSS."

C. **PART 3—<u>DRAWINGS</u>**

1. Drawing Sheet 39 – DWG 08-N-6002 is amended to RELOCATE valve 50FV-31-1 to be mounted directly to the sulfur dioxide cylinder.

2. Drawing Sheet 68 – DWG 50-D-2001 is amended to ADD callouts 50-FV-31-1, -2, -3 and -4 alongside callouts 50-M-31-1, -2, -3 and -4 respectively.

3. Drawing Sheet 79 – DWG 50-E-2001 is amended to RELOCATE valves 50FV-31-1, -2, -3 and -4 to be mounted directly to the sulfur dioxide cylinder alongside callouts 50-M-31-1, -2, -3 and -4 respectively.

D. **PART 4 - <u>QUESTIONS AND RESPONSES (Q and R)</u>**:

1. Q: Specification Section 44 44 16 Paragraph 1.02-C requires recertification and reinstallation of the existing Halogen Emergency Valve equipment won the chlorine equipment. Paragraph 2.06 specifies new equipment. What is required?

   R: As per the specifications cited "The existing four (4) automatic emergency gas shutoff actuators and controller located in the existing chlorine feed room shall be reused". Concurrently, the design calls for a total of eight (8) emergency gas shutoff actuators on the chlorine system and four (4) on the sulfur dioxide system with a total of three (3) controllers. Therefore, the four recertified valves and the relocated controller have to be supplemented with new valves and controllers to provide the complete system.

2. Q: Are the recertified automatic emergency gas shutoff actuators and controller designated to be a particular set in the new chlorine room?

   R: The only limitation on the location of the recertified valves and controller are that they must be on the same group (1 thru 4 or 5 thru 8) with the controller paired with the recertified valves. This is a practical limitation to allow the proper sequencing.

All Bidders shall acknowledge receipt and acceptance of this Addendum No. 2 in the Bid Form or by submitting the Addendum with the bid package. Bid Forms submitted without acknowledgment or without this Addendum will be considered in nonconformance.
Jacobs.

David Carr, P.E.
Project Manager

Appended hereto and part of Addendum No. 1:

08 33 23 OVERHEAD COILING DOORS

END OF ADDENDUM

SECTION 08 33 23
OVERHEAD COILING DOORS

PART 1 GENERAL

1.01 REFERENCES

A. The following is a list of standards which may be referenced in this section:

1. ASTM International (ASTM):
   a. A653/A653M, Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process.
   b. A666, Standard Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar.
   c. B221, Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes.
   d. B221M, Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric).
   e. E84, Standard Test Method for Surface Burning Characteristics of Building Materials.
2. Intertek Testing Services (Warnock Hersey Listed) (WH): Certification Listings.
3. National Association of Metal Manufacturers (NAAMM).
4. National Fire Protection Association (NFPA):
   a. 80, Standard for Fire Doors and Other Opening Protectives.
   b. 252, Standard Methods of Fire Tests of Door Assemblies.
5. UL:
   a. Building Materials Directory.
   b. 10B, Standard Safety for Fire Tests of Door Assemblies.
   c. 325, Standard Safety for Door, Drapery, Gate, Louver, and Window Operators and Systems.

1.02 SUBMITTALS

A. Action Submittals:

1. Shop Drawings: Indicate pertinent dimensioning, anchorage methods, hardware locations, and installation details.
2. Product Data: General construction, component connections and details.

B. Informational Submittals:

1. Certificate of Compliance per Section 01 43 33, Manufacturer's Field Services (or alternately, test results or calculations) that assure item's and its anchorage's design criteria meets requirements of Section 01 88 15, Anchorage and Bracing for loads provided in Section 01 61 00, Common Product Requirements.
2. Third party testing documentation or manufacturer's literature qualifying door model as meeting required developed wind pressures and impact testing for large missile. Miami-Dade Notice of Approval (NOA) documentation is acceptable as third party evidence of certification.
3. Manufacturer's Instructions: Indicate installation sequence and procedures, and adjustment and alignment procedures.
4. Operation and Maintenance Data as specified in Section 01 78 23, Operation and Maintenance Data, include lubrication requirements and frequency, and periodic adjustments required.
5. Anchorage and Bracing:
   a. Drawings and product data as required by Section 01 88 15, Anchorage and Bracing.
   b. Calculations as required by Section 01 88 15, Anchorage and Bracing.
   c. Installer's factory authorization.

1.03 QUALITY ASSURANCE

A. Qualifications:

1. Manufacturer: Company specializing in manufacturing products specified in this section with minimum 3 years documented experience.
2. Installer: Company specializing in performing work of this section with minimum 5 years documented experience approved by manufacturer.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Materials, equipment, and accessories specified in this section shall be products of:

1. Cookson Co.; Model ESD30.
2. Cornell Iron Works, Inc.; Model ESD20.
3. Overhead Door Co.; Model 591.

2.02 GENERAL

A. Assembly shall meet design wind pressures as shown on the structural drawings.

B. Assembly shall meet large missile testing as defined by International Building Code.

C. Operation: Design door assembly to operate for not less than 20,000 cycles per day.

2.03 COMPONENTS

A. Curtain: Conform to the following:

1. Aluminum Slats: Interlocking, minimum 0.040 inch (1 mm) thick of ASTM B221 aluminum alloy Type 6063.
2. Type: Sandwich slat construction with manufacturer's standard insulated core with maximum U-value of 0.16 and backing to match face slat, thermally separated from face slat.
3. Nominal Slat Size: 3 inches.
4. Slat Ends: Each slat fitted with end locks to act as wearing surface in guides and to prevent lateral movement.
5. Curtain Bottom: Fitted with aluminum angles, channels, or hollow extrusion to provide reinforcement and positive contact with floor.

B. Guides: Minimum 0.1875 inch (5 mm) thick; rolled aluminum angles.

C. Roller Shaft Counterbalance: Steel pipe and helical steel spring system, capable of producing torque sufficient to ensure smooth operation of curtain from any position and capable of holding position at mid-travel; with adjustable spring tension.

D. Hood Enclosure and Fascia: Square shape, minimum 0.040-inch thick aluminum; internally reinforced to maintain rigidity and shape.

E. Hardware: As specified in Section 08 71 00, Door Hardware.

F. Manual Operation: Manual hand chain lift unit with overhead counter balance device, requiring 25 pound (10 kg) nominal force to operate.

2.04 FINISHES

A. Curtain Slats: Aluminum, Factory Powder Coated. Color as indicated in the Color Schedule shown on the Drawings.

B. Guides and Hood Enclosure: Aluminum, Factory Powder Coated. Color as indicated in the Color Schedule shown on the Drawings.

2.05 SOURCE QUALITY CONTROL

A. Attach label from agency approved by authority having jurisdiction to identify each fire rated door.

1. Oversize Door Certification: Provide UL Certificate of Inspection or comparable certification acceptable to authorities having jurisdiction, in lieu of label for oversize door assemblies exceeding 120 square feet (11.15 square m) or 24 feet (7.3 m) in any dimension.

B. Apply label from agency approved by authority having jurisdiction to identify each foam plastic insulation board.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify opening sizes, tolerances and conditions are acceptable.

3.02 INSTALLATION

A. Use anchorage devices to securely fasten assembly to wall construction and building framing without distortion or stress.

B. Securely and rigidly brace components suspended from structure.

C. Fit and align assembly including hardware; level and plumb, to provide smooth operation.

D. Coordinate installation of sealants and backing materials at frame perimeter as specified in Section 07 92 00, Joint Sealants.

E. Install perimeter trim and closures.

3.03 TOLERANCES

A. Maintain dimensional tolerances and alignment with adjacent Work.

B. Maximum Variation from Plumb: 1/16 inch.

C. Maximum Variation from Level: 1/16 inch.

D. Longitudinal or Diagonal Warp: Plus or minus 1/8 inch per 10 feet (3 mm per 3 m) straight edge.

3.04 ADJUSTING

A. Adjust door, hardware and operating assemblies for smooth and noiseless operation.

3.05 CLEANING

A. Leave door and components clean.

B. Remove labels and visible markings.

END OF SECTION