



ADDENDUM NO. 3
TO THE CONTRACT DOCUMENTS

Date: June 6, 2025
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. No Changes.

B. PART 2—TECHNICAL SPECIFICATIONS

1. Section 07 52 16 THERMOPLASTIC MEMBRANE ROOFING Paragraph 2.01.C is ADDED as follows: “C. Versico’s 115 Mil TPO Fleeceback Fully Adhered Roofing Systems is a pre-approved alternate manufacturer subject to compliance with all specification requirements.”
2. Section 08 90 00 LOUVERS is ADDED to the specifications and is herewith attached.
3. Section 09 97 23 Paragraph 2.01 is AMENDED to ADD Sherwin Williams ConFlex XL as an approved equal to BASF MasterProtect HB 400 subject to compliance with all other aspects of the specifications.

C. PART 3—DRAWINGS

1. Drawing Sheet 50-S-5001 Detail 6 is revised to replace “SST ASCE 80# RAIL” with “ASTM A759 ASCE 80# RAIL (COAT WITH SYSTEM 4)”.

D. PART 4 - QUESTIONS AND RESPONSES (Q and R):

1. No Changes.

All Bidders shall acknowledge receipt and acceptance of this Addendum No. 3 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. 3:

08 90 00 LOUVERS

END OF ADDENDUM

SECTION 08 90 00
LOUVERS

PART 1 GENERAL

1.01 REFERENCES

- A. The following is a list of standards which may be referenced in this section:
1. Air Movement and Control Association (AMCA): 500-L, Laboratory Methods of Testing Louvers for Rating.
 2. The Aluminum Association, Incorporated (AA): Designation System for Aluminum Finishes.
 3. ASTM International (ASTM):
 - a. D1187, Standard Specification for Asphalt-Base Emulsions for Use as Protective Coatings for Metal.
 - b. E84, Standard Test Method for Surface Burning Characteristics of Building Materials.
 4. Underwriters Laboratories, Inc. (UL): Building Materials Directory.

1.02 DESIGN REQUIREMENTS

- A. Wind Loads: Provide louver assemblies and their anchorage to the wall structure that are capable of withstanding the positive and negative wind load pressures shown on the Components and Cladding Wind Surface Pressures table on the Structural Drawings.

1.03 SUBMITTALS

- A. Action Submittals:
1. Shop Drawings: Large scale details of louvers, anchorage, and relationship to adjoining construction.
 - a. Manufacturer's Literature: Descriptive and performance data of louvers, including standard drawings and louver-free area.
 2. Samples: Manufacturer's standard finishes and colors.
 3. Product/Code Certification: Provide written verification that submitted louver assembly and installation method meet or exceed Project Design Requirements, in this section, by one, or more, of the following methods as allowed for by IBC:
 - a. Rational Comparative Analysis: Testing data, calculations, and verification documents signed and sealed by a professional engineer registered in the State of Alabama.
 - b. Local product approval by Authority Having Jurisdiction (AHJ).

C C Williams WWTP CL/SO2 Bldg. and Digester Mods.

B. Informational Submittals:

1. Factory test data.
2. Certificates of AMCA ratings.
3. Installation instructions.
4. Parts list, if applicable.
5. Maintenance procedures.
6. Special Guarantee.
7. Third party testing documentation or manufacturer's literature qualifying louver assembly as meeting required developed wind pressures for Project as shown on the Components and Cladding Wind Surface Pressures table on the Structural Drawings.

1.04 SPECIAL GUARANTEE

- A. Manufacturer's extended guarantee or warranty, with Owner named as beneficiary, in writing, as Special Guarantee. Special Guarantee shall provide for correction, or at option of Owner, removal and replacement of special fluorocarbon or baked-on finish found defective during a period of 20 years after date of Substantial Completion. Duties and obligations for correction or removal and replacement of defective Work as specified in General Conditions.

PART 2 PRODUCTS

2.01 GENERAL

- A. Hurricane-rated louver sizes are based on 46 percent free area and 500 fpm maximum velocity through free area.
- B. Water Penetration Rate: No greater than 0.02 ounce per square foot.
- C. Louvers: Rated and tested in accordance with AMCA 500-L.
- D. Furnish louvers with interior duct collars.

2.02 FIXED STORMPROOF LOUVERS (TYPE SP)

- A. Frame: Extruded aluminum channel, 0.081 inch thick, 4 inches deep, with concealed mullions.
- B. Blades: Extruded aluminum, 0.081 inch thick, Z-shaped, 35-degree to 45-degree pitch angle, spaced 3 inches to 4.25 inches on center.
- C. Pressure Loss: AMCA certified rating of no greater than 0.10-inch WC.

- D. Sizes: As shown on Drawings.
- E. Screen: Inside mounted, painted aluminum, 1/2-inch mesh.
- F. Finish: Kynar 500 fluorocarbon coating.
- G. Manufacturers and Products:
 - 1. Construction Specialties; Model 4110.
 - 2. Dowco; Series LEB-4.
 - 3. Ruskin; Model ELF-375DXH.

2.03 ACCESSORIES

- A. Anchors and Fasteners: Stainless steel.
- B. Flashings: Match louver frame.
- C. Isolation Tape: Tremco 440, 3M EC1202, or Presstite 579.6.
- D. Isolation Paint: ASTM D1187, bituminous coating.

2.04 SOURCE QUALITY CONTROL

- A. Factory Performance Tests:
 - 1. Airflow versus pressure loss.
 - 2. Rain penetration data.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Check openings to ensure dimensions conform to Drawings.
- B. Ensure openings are free of irregularities that would interfere with installation.
- C. Do not install louvers until defects have been corrected.

3.02 INSTALLATION

- A. Install louvers as shown on reviewed Shop Drawings. Coordinate with heating or ventilation ductwork to be connected.
- B. Follow procedures in manufacturer's recommended installation instructions.
- C. Separate aluminum from other metals with isolation tape or paint.

C C Williams WWTP CL/SO2 Bldg. and Digester Mods.

3.03 CLEANING

- A. After erection, protect exposed portions from damage by machines, paint, lime, acid, cement, or other harmful compounds.
- B. Remove protective materials and clean with plain water, water with soap, or household detergents.

END OF SECTION