

**SOMERSET COUNTY  
NOTICE OF ADDENDUM**

**Roof Replacement at the Vehicle Maintenance  
Facility for the County of Somerset  
750 East Main Street, Bridgewater, NJ 08807  
Contract No. 22005**

**ADDENDUM NO. 1**

Addendum No. 1 has been issued for the bid **“Roof Replacement at the Vehicle Maintenance Facility for the County Of Somerset, 750 East Main Street, Bridgewater, NJ 08807”** on **Monday, June 13, 2022** and has been delivered by certified facsimile transmission to all eligible contractors who have received bid specifications.

The original bid specification packages for the above referenced project are amended as noted.

**Change of Bid Opening Date:**

From: Wednesday, June 15<sup>th</sup>, 2022 at 2:00PM

To: Tuesday, June 28<sup>th</sup>, 2022 at 1:00PM

**Concerning Bid Specifications:**

1. Replace section “076200 Sheet Metal Flashing and Trim” with the attached “076200 Sheet Metal and Trim (Revision-1)”
  
2. Replace section “077123- Manufactured Gutters and Downspouts” with the attached “077123- Manufactured Gutters and Downspouts (Revision-1)”.

Melissa A. Kosensky, RPPO, QPA  
Purchasing Agent

## SECTION 07 62 00 - SHEET METAL FLASHING AND TRIM (REVISION-1)

### PART 1 GENERAL

#### 1.1 SECTION INCLUDES

- A. Fabricated sheet metal items, including flashings and trim.
- B. Sealants for joints within sheet metal fabrications.

#### 1.2 RELATED REQUIREMENTS

- A. Section 06 10 00 - Rough Carpentry: Wood nailers for sheet metal work.
- B. Section 06 10 00 - Rough Carpentry: Field fabricated roof curbs.

#### 1.3 REFERENCE STANDARDS

- A. AAMA 2605 - Voluntary Specification, Performance Requirements and Test Procedures for Superior Performing Organic Coatings on Aluminum Extrusions and Panels (with Coil Coating Appendix) 2020.
- B. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process 2020.
- C. ASTM C920 - Standard Specification for Elastomeric Joint Sealants 2018.
- D. ASTM D4586/D4586M - Standard Specification for Asphalt Roof Cement, Asbestos-Free 2007 (Reapproved 2018).
- E. SMACNA (ASMM) - Architectural Sheet Metal Manual 2012.

#### 1.4 ADMINISTRATIVE REQUIREMENTS

- A. Preinstallation Meeting: Convene one week before starting work of this section.

#### 1.5 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements for submittal procedures.
- B. Shop Drawings: Indicate material profile, jointing pattern, jointing details, fastening methods, flashings, terminations, and installation details.
- C. Selection Samples: For each roofing system specified, submit color chips representing manufacturer's full range of available colors and patterns.

1.6 QUALITY ASSURANCE

- A. Perform work in accordance with SMACNA (ASMM) requirements and standard details, except as otherwise indicated.
- B. Fabricator and Installer Qualifications: Company specializing in sheet metal work with ten years of experience.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Stack material to prevent twisting, bending, and abrasion, and to provide ventilation. Slope metal sheets to ensure drainage.
- B. Prevent contact with materials that could cause discoloration or staining.

**PART 2 PRODUCTS**

2.1 SHEET MATERIALS

- A. Pre-Finished Aluminum-zinc alloy-coated Steel: ASTM A792/A792M , with minimum AZ50 coating; minimum 22 gauge, 0.03 inch thick base metal, shop pre-coated with PVDF coating.
  - 1. Application: Roof flashing
  - 2. Polyvinylidene Fluoride (PVDF) Coating: Superior performing organic powder coating, AAMA 2605; multiple coat, thermally cured fluoropolymer finish system.
  - 3. Color: To match roof panels.
- B. Pre-Finished Aluminum: ASTM B209 (ASTM B209M); 16 gauge, 0.050 inch thick; plain finish shop pre-coated with fluoropolymer coating.
  - 1. Application: Gable flashing.
  - 2. Polyvinylidene Fluoride (PVDF) Coating: Superior performing organic powder coating, AAMA 2605; pretreated metal with two-coat system including primer and color coat with at least 70 percent PVDF coating.
  - 3. Color: To match gutters and downspouts.

2.2 FABRICATION

- A. Form sections true to shape, accurate in size, square, and free from distortion or defects.
- B. Form pieces in longest possible lengths.
- C. Hem exposed edges on underside 1/2 inch; miter and seam corners.
- D. Form material with flat lock seams, except where otherwise indicated; at moving joints, use sealed lapped, bayonet-type or interlocking hooked seams.

- E. Fabricate corners from one piece with minimum 18-inch long legs; seam for rigidity, seal with sealant.
- F. Fabricate flashings to allow toe to extend 2 inches over roofing gravel. Return and brake edges.

### 2.3 ACCESSORIES

- A. Fasteners: Stainless steel.
- B. Primer: Zinc chromate type.
- C. Protective Backing Paint: Zinc molybdate alkyd.
- D. Concealed Sealants: Non-curing butyl sealant.
- E. Exposed Sealants: ASTM C920; elastomeric sealant, with minimum movement capability as recommended by manufacturer for substrates to be sealed; color to match adjacent material.
- F. Asphalt Roof Cement: ASTM D4586/D4586M, Type I, asbestos-free.

## **PART 3 EXECUTION**

### 3.1 EXAMINATION

- A. Verify roof openings, curbs, pipes, sleeves, ducts, and vents through roof are solidly set, reglets in place, and nailing strips located.
- B. Verify roofing termination and base flashings are in place, sealed, and secure.

### 3.2 PREPARATION

- A. Install starter and edge strips, and cleats before starting installation.
- B. Back paint concealed metal surfaces with protective backing paint to a minimum dry film thickness of 15 mil, 0.015 inch.

### 3.3 INSTALLATION

- A. Secure flashings in place using concealed fasteners, and use exposed fasteners only where permitted..
- B. Apply plastic cement compound between metal flashings and felt flashings.
- C. Fit flashings tight in place; make corners square, surfaces true and straight in planes, and lines accurate to profiles.

D. Seal metal joints watertight.

**END OF SECTION**

## SECTION 07 71 23 - MANUFACTURED GUTTERS AND DOWNSPOUTS (REVISION-1)

### PART 1 GENERAL

#### 1.1 SECTION INCLUDES

- A. Pre-finished aluminum gutters and downspouts.

#### 1.2 REFERENCE STANDARDS

- A. AAMA 2605 - Voluntary Specification, Performance Requirements and Test Procedures for Superior Performing Organic Coatings on Aluminum Extrusions and Panels (with Coil Coating Appendix) 2020.
- B. ASTM B209 - Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate 2014.
- C. ASTM B209M - Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate (Metric) 2014.
- D. SMACNA (ASMM) - Architectural Sheet Metal Manual 2012.

#### 1.3 ADMINISTRATIVE REQUIREMENTS

- A. Conform to SMACNA (ASMM) for sizing components for rainfall intensity determined by a storm occurrence of 1 in 10 years.
- B. Comply with applicable code for size and method of rain water discharge.

#### 1.4 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements for submittal procedures.
- B. Product Data: Provide data on prefabricated components.
- C. Shop Drawings: Indicate locations, configurations, jointing methods, fastening methods, locations, and installation details.
- D. Samples: Submit two samples, 12 inch long illustrating component design, finish, color, and configuration.

#### 1.5 DELIVERY, STORAGE, AND HANDLING

- A. Stack material to prevent twisting, bending, or abrasion, and to provide ventilation. Slope to drain.

- B. Prevent contact with materials that could cause discoloration, staining, or damage.

## **PART 2 PRODUCTS**

### 2.1 MATERIALS

- A. Pre-Finished Aluminum Sheet: ASTM B209 (ASTM B209M); 0.050 inch thick.
  - 1. Finish: Plain, shop pre-coated with PVDF (polyvinylidene fluoride) coating.
  - 2. Color: Match existing.

### 2.2 COMPONENTS

- A. Gutters: Profile as indicated on drawings.
- B. Downspouts: Profile as indicated on drawings.
- C. Anchors and Supports: Profiled to suit gutters and downspouts.
  - 1. Anchoring Devices: In accordance with SMACNA requirements.
  - 2. Gutter Supports:
    - a. Straps, 3/16 by 2 inches at 24 inches on center, mill finish.
    - b. Brackets, 3/16 by 2 inches at 24 inches on center, finished to match gutter.
  - 3. Downspout Supports: Straps, 3/16 inch by 2 inches, 48 inches on center, finished to match downspouts.
- D. Fasteners: Bulb-tite rivets and screws; Stainless steel, with soft neoprene washers.

### 2.3 FINISHES

- A. Polyvinylidene Fluoride (PVDF) Coating: Superior performing organic powder coating, AAMA 2605; pretreated metal with two-coat system including primer and color coat with at least 70 percent PVDF coating.

## **PART 3 EXECUTION**

### 3.1 EXAMINATION

- A. Verify existing conditions before starting work.
- B. Verify that surfaces are ready to receive work.

### 3.2 PREPARATION

- A. Paint concealed sheet metal surfaces and surfaces in contact with dissimilar metals with protective backing paint to a minimum dry film thickness of 15 mil, 0.015 inch.

3.3 INSTALLATION

- A. Install gutters, downspouts, and accessories in accordance with manufacturer's instructions.
  - 1. Use rivets for gutter and downspout strap connections.
- B. Sheet Metal: Join lengths with formed seams sealed watertight. Flash and seal gutters to downspouts and accessories.
- C. Slope gutters 1/16 inch per foot, 0.5 percent minimum.

**END OF SECTION**