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**Addendum No. 1**  
**Gateway District Health Department**  
**New Administration Office Building Project**  
**Bid Date: March 20, 2025**  
**Addendum Issue Date: March 17, 2025**

The Contractor shall conform to the following changes, as same shall become binding upon the Contract to be issued in response to this invitation.

**Specifications**

**Item 1:** Add the following attached specifications to the technical specs:

- 07212 – Board Insulation
- 07311 – Residential Asphalt Shingles
- 07400 – Vinyl Siding, Soffits and Trim
- 07600 – Sheet Metal

**Item 2:** Quaker Commercial Windows is an accepted manufacturer for the exterior windows.

**Answers to these questions:**

1. Has the overall building permit already been applied for, and are we responsible for the cost, or has the permit cost already been paid? State Code review fees have been paid. Any local permits required for building shall be paid by the general contractor.
2. Are we required to carry Builders Risk Insurance? Insurance coverage shall be as noted in Section 00800 – Supplemental Conditions.
3. Will adjustments in contract price be considered for remediation of unsuitable soils? No, it's unclassified.
4. Please confirm we are not to include costs for 3<sup>rd</sup> Party Special Inspections in our bid? Correct

END OF ADDENDUM NO. 1

## **SECTION 07212 - BOARD INSULATION**

### **PART 1 - GENERAL**

#### 1.01 Work Included

- A. Board insulation and cavity wall construction.

#### 1.02 Related Work

- A. Section 04330 - Reinforcement Unit Masonry System

#### 1.03 References

- A. FS HH-I-524 - Insulation Board, Thermal (Polystyrene).

#### 1.04 System Description

- A. Materials of this Section shall provide a continuous thermal barrier at building exterior wall.

### **PART 2 - PRODUCTS**

#### 2.01 Acceptable Insulation Manufacturers

- A. Styrofoam Brand
- B. AMOCO
- C. Foamular - R
- D. Substitutions: Under provisions of Section 01600, 01630.

#### 2.02 Insulation Materials

- A. Insulation Extruded Cellular Polystyrene; thermal resistance "R" per inch of 5.0; minimum compressive strength of 30 psi water absorption by volume in accordance with ANSI/ASTM D2842 0.3 percent square.

#### 2.03 Acceptable Adhesive Manufacturers

- A. Max Bond, by H.B. Fuller Company
- B. Liquid Nails, LN 601, Macco Adhesives
- C. Foam Adhesive by Franklin Int.

#### 2.04 Adhesive Materials

- A. Adhesive Type recommended by insulation manufacturer for application.

## **PART 3 - EXECUTION**

### 3.01 Preparation

- A. Verify substrate and adjacent materials and insulation boards are dry and ready to receive insulation and adhesive.
- B. Verify substrate surface is flat, free of honeycomb, fins, irregularities, materials that will impede adhesive bond.
- C. Verify insulation boards are unbroken, free of damage.

### 3.02 Installation - Perimeter Insulation

End of Section

## SECTION 07311 - RESIDENTIAL ASPHALT SHINGLE ROOFING

### PART 1 - GENERAL

#### 1.01 SECTION INCLUDES

- A. Granular surfaced asphalt shingle roofing
- B. Moisture shedding underlayment, eave, valley and ridge protection.
- C. Associated metal flashing.

#### 1.02 REFERENCES

- A. ASTM D226 - Asphalt Saturated Organic Felt Used in Roofing and Waterproofing
- B. ASTM D228 - Method of Testing Asphalt Roll Roofing, Cap Sheets and Shingles.
- C. ASTM D3018 - Class A Asphalt Shingles Surfaced with Mineral Granules.
- D. ASTM D3462 - Asphalt Shingles made from Glass Felt and Surfaced with Mineral Granules.
- E. ASTM D4586 - Asphalt Roof Cement, Asbestos-Free.
- F. UL 580 - Tests for Wind Uplift Resistance of Roof Assemblies.
- G. UL 780 - Tests for Fire Resistance of Roof Covering Materials.
- H. Good Housekeeping Seal of approval.

#### 1.03 SUBMITTALS

- A. Shop Drawings: Indicate metal flashing, joining methods and locations, fastening methods and locations, and installation details.
- B. Product Data: Provide data indicating material characteristics, and performance criteria.
- C. Manufacturer's Installation Instructions: Indicate preparation required and installation procedures.
- D. Manufacturer's Certificate: Certify that products meets specified requirements.

#### 1.04 QUALITY ASSURANCE

- A. Perform work in accordance with manufacturer's instructions.
- B. Maintain one copy of each document on site.

#### 1.05 REGULATORY REQUIREMENTS

- A. Conform to applicable local building codes for shingle types specified.
- B. UL: Class A: Fiberglass Asphalt Shingles.

## 1.06 DELIVERY, STORAGE, AND HANDLING

- A. Deliver, store, protect and handle products to site.
- B. Deliver products in manufacturer's original containers, dry, undamaged, with seals and labels intact.

## 1.07 ENVIRONMENTAL REQUIREMENTS

- A. Do not install shingles when ambient, or wind chill temperatures are below 50 degrees F.

## **PART 2 - PRODUCTS**

### 2.01 MANUFACTURER - ASPHALT SHINGLES

- A. The Elk Prestique, Product: 30 year shingles or equal.

### 2.02 ASPHALT SHINGLES

- A. Asphalt Shingles: ASTM D3018, ASTM D3462, Class A with Type I - Self Sealing, UL Rating of A and Wind Resistance Label, glass fiber mat base, mineral granule surface type, self sealing type, color: Weatheredwood.

### 2.03 SHEET MATERIALS

- A. Eave Ice Dam Protection: Celo-Guard; rubberized, self-stick asphalt sheet, 45 mil total thickness, with strippable treated quick-release paper.
- B. Underlayment: ASTM D226, No. 15 unperforated asphalt saturated felts as recommended for use in roofing and waterproofing.

### 2.04 ACCESSORIES

- A. Nails: Standard round wire shingle type, galvanized 3/8 inch to 7/16 inch diameter head, 11 to 12 gauge barbed shank roofing nails, of sufficient length to penetrate through roof sheathing 3/4 inch into deck lumber or penetrate through the APA approved plywood roof or OSB deck by 1/8 inch minimum, 1-1/2" minimum nail length.
- B. Plastic Cement: ASTM D4586: Elastigum Roof Cement; plastic asphalt type with mineral 1-1/2" fiber components, free of toxic solvents, manufactured by The Celotex Corporation.

### 2.05 FLASHING MATERIALS

- A. Drip Edge: Corrosion resistant material, 3 inch wide roof coverage.
- B. Nails: Standard round wire roofing type, galvanized or non-rusting; minimum 19/64 inch head diameter and 0.104 inch shank diameter, of sufficient length to penetrate through roof sheathing 1/2 inch into wood substrate.

## **PART 3 - EXECUTION**

### **3.01 EXAMINATION**

- A. Verify existing site conditions.
- B. Verify that roof penetrations and plumbing stacks are in place and flashed to deck surface.
- C. Verify roof openings are correctly framed prior to installing work of this Section.
- D. Verify deck surfaces are dry, free of ridges, warps, or voids.

### **3.02 PREPARATION**

- A. Broom clean deck surfaces under eave protection and underlayment.

### **3.03 INSTALLATION-EAVE ICE DAM PROTECTION**

- A. Apply Ice Dam underlayment at eave and valley areas in accordance with manufacturer's instructions.
- B. Extend Ice Dam from roof perimeters to 2 feet inside interior wall line, including rake areas. Provide 6 inch side and end laps at eave and valley locations. Stagger end laps of consecutive layers 12 inches.

### **3.04 INSTALLATION - PROTECTIVE UNDERLAYMENT**

- A. Place one layer of underlayment over deck surface, lapping ends sheet 19 inches. Lap ends minimum 4 inches. Stagger end laps of each consecutive layer. Nail in place. Lap underlayment 12 inches onto valley.
- B. Weather lap and seal watertight with plastic cement, items projecting through or mounted on roof.
- C. When using eave ice dam protection, start underlayment above protection, lapping underlayment 12 inches over eave ice dam protection.

### **3.05 INSTALLATION - VALLEY PROTECTION - CLOSED CUT VALLEY**

- A. Place one ply of roll roofing, minimum 36 inches wide, centered over valleys. Weather lap joints minimum 2 inches. Nail in place minimum 18 inches o.c., one inch from edges.
- B. Extend shingles on one slope across valley and fasten. Trim shingles from other slope 2 inches from valley center line to achieve closed cut valley, concealing the valley protection.

### **3.06 INSTALLATION - ASPHALT SHINGLES**

- A. Install shingles in accordance with manufacturer's instructions.
- B. Project first course of shingles 3/8 inches beyond fascia boards.

- C. Cap hips and/or ridges with individual ridge shingles, maintaining 5¼" inch weather exposure. Place to avoid exposed nails.
- D. Coordinate installation of roof mounted components or work projecting through roof with weather tight placement of counter flashing.
- E. complete installation to provide weather tight service.

### 3.07 FIELD QUALITY CONTROL

- A. Field inspection will be performed by Owner and Architect.

### 3.08 PROTECTION OF FINISHED WORK

- A. Protect finished Work.
- B. Do not permit traffic over finished roof surface.

End of Section

## **SECTION 07400 - VINYL SIDING, SOFFITS AND TRIM**

### **PART 1 - SCOPE**

- A. This Section includes all labor, materials, equipment, and related items required for vinyl soffits, and trim as shown on the Drawings and as specified.

### **PART 2 - SUBMITTALS**

- A. Manufacturer's Literature. The Contractor shall submit to the Architect, in five (5) copies, for approval prior to furnishing any materials at the job site, product literature, materials specifications, and installation instructions as required to properly evaluate each item proposed to be furnished.
- B. Color Samples. The Contractor shall submit to the Architect, in duplicate, for approval and color selection prior to furnishing any materials at the job site, color samples of available colors for each item proposed to be furnished.

### **PART 3 - MATERIALS**

- A. Manufacturers. Vinyl siding, soffits and trim as manufactured by Alside.
- B. Vinyl siding shall be double 4", horizontal, wood grain texture siding, made of polyvinyl chloride compound as defined in the NBS Voluntary Product Standard PS 55-72 for "Rigid poly(vinyl chloride) (PVC) plastic siding. Siding and accessories shall be as manufactured by Certainteed, Alcoa, Owens-Corning, or approved equal. Siding panels shall have a nominal thickness of .042"
  - 1. Product Design - Vinyl double-four inch horizontal siding panels shall be 12'-6" in length and have a full eight-inch (8") exposure, two four-inch (4") panels, with interlocking horizontal edges, a one-half-inch (½") butt or shadow leg, a drip bead in the butt to direct the flow of water from the surface of the panel and triangular weep holes in the shadow leg of the bottom panel, thus allowing the wall to "breathe" and also permit condensation and water vapor to escape from the wall.
  - 2. Elongated nailing slots 1" long shall be provided in the nail hem of the panels to permit proper expansion and contraction on the wall. The nail hem and the bottom lock of all panels shall be notched on both ends to provide for the proper overlapping of adjacent panels. A notch shall also be provided at the center butt of the double four panel for positive engagement, thus providing a quality appearance in overlap.
  - 3. Vinyl siding shall be produced from PVC compound containing quality color pigments to provide color throughout thickness of siding.



- C. Vinyl soffit panels shall be by same manufacturer as vinyl siding material, shall be standard 12" wide double V-groove or 6" wide single V-groove style, and shall be furnished in both ventilated and non-ventilated types as required for the completed installations. Color shall be white to match the existing soffits.
1. Furnish ventilating sections in sufficient quantities to provide minimum free ventilating area at overhangs equal to or exceeding 1/300 of building roof area. Provide manufacturer's technical product data confirming ventilating area and consult with the Architect as to spacing of ventilating sections prior to proceeding with the installations.
- D. Trim and Accessories
1. Vinyl trim, including starter stripe, inside and outside corner posts, general purpose trim, etc. shall be by same manufacturer as vinyl siding and soffit materials, shall be minimum of .040" thick, and shall be as shown or required for the completed installations. Furnish trim in longest available lengths for single-piece applications where not exceeding manufacturer's standards.
  2. Coil stock for covering exterior wood trim shall be vinyl (PVC) coated aluminum .019 gauge with a wood grain texture. Field break coil stock as necessary for smooth application.
  3. Nails, fasteners, etc., shall be those specifically recommended by the siding and soffit manufacturer for applications shown.

#### **PART 4 - INSTALLATIONS**

- A. General. Inspect all supporting construction, openings, etc., in connection with vinyl siding, soffits, trim, etc., and report in writing to the Architect any defects or improper conditions affecting the installations. Proceeding with installations shall be construed as acceptance of the supporting construction, and the Contractor shall be held responsible for any defects in the work of this Section resulting therefrom.
- B. Install all vinyl siding and soffits, and trim, etc., furnished in connection therewith in strict accordance with manufacturer's specific installation instructions and as shown or detailed on the Drawings. Items shall be neatly cut and fitted, and securely attached. Joints where necessary shall be neatly made. Take care in the installations not to damage adjacent collateral work. Contractor shall provide under work of this Section each and every component, device, accessory, sealant, etc., necessary for the satisfactory completion of the vinyl siding and soffit work, whether or not such items are specifically mentioned hereinbefore.
- C. At completion, vinyl siding, soffits, trim, etc., shall be properly installed, securely fastened, water and weather tight, and free from damage of any kind. Contractor shall replace any damaged or defective materials at no additional cost to the Owner.

End of Section

## SECTION 07600 - SHEET METAL

### PART 1 - SCOPE

A. This Section includes all labor, materials, equipment and related items required to complete the work of sheet metal as shown on the Drawings and as specified.

### PART 2 - MATERIALS

- A. Aluminum sheet for field formed flashings, edge strips, etc., shall conform to ASTM B209 alloy 5005-H14, and shall be 0.025" thick.
- B. Nails, screws, bolts, rivets, and other fasteners shall be of the same material as the sheet metal to be secured, or shall be of durable, compatible materials regularly recommended for the intended use by the manufacturer of the sheet metal. Nails shall be No. 10 gauge or larger, needle point, and long enough to penetrate wood 1".
- C. Bituminous plastic cement shall conform to Federal Spec. SS-C-153, Type I. It shall be delivered in manufacturer's original sealed containers.
- D. Asphalt coating for sheet metal items where specified shall conform to Federal Spec. SS-R-451.

### PART 3 - GENERAL REQUIREMENTS

- A. Surfaces to be covered with sheet metal shall be smooth and free from holes. Surfaces shall be cleaned of dirt, rubbish, and other foreign materials before sheet metal work is started. Projecting nails shall be driven flush with the roof sheathing.
- B. Joints and seams shall be avoided as much as possible. Overlap seams in direction of flow of water. Make ample provisions for expansion.
- C. Sheet metal work shall be water and weather tight with lines, arises, and angles sharp and true and plane surfaces free from waves and buckles.
- D. Protection of Aluminum. Aluminum that will be in contact with wet or pressure-treated wood, mortar, concrete, or masonry shall be protected against corrosive action as follows: Contact surface of aluminum shall be solvent cleaned, given one coat of zinc-chromate primer and one coat of paint as specified under Section 09900 for painting of aluminum items.
- E. Joints and Seams. In general, sheet metal items shall be furnished in minimum 10' lengths, except that single pieces less than 10' long may be used at ends of runs. Joints and seams in sheet metal shall be as described under individual item specifications below. Aluminum will not be soldered.

#### **PART 4 - SHEET METAL ITEMS**

- A. Miscellaneous Flashings. Provide miscellaneous sheet metal flashings where indicated by the details or as required for proper completion of the work. Form such items from aluminum sheet to profiles and dimensions shown, and install as detailed.
1. Coil stock for covering exterior wood trim shall be vinyl (PVC) coated aluminum with a wood grain texture. Field break coil stock as necessary for smooth application.
  2. Colors of vinyl trim shall be white.
  3. Nails, fasteners, etc., shall be those specifically recommended by the siding and soffit manufacturer for application shown.

#### **PART 5 - ROOF VENTS**

- A. Ridge Vents: When indicated on the Drawings, furnish and install at building roofs manufacturer's standard, continuous, ridge-type with minimum high impact copolymer vent such as shingle vent II Series SHFV203 as manufactured by Air Vent, Inc., Perioa, Illinois or reviewed equal with minimum net free area of 18 sq. inches per linear foot, and shall include end and connector plugs, weather baffles, joint covers, and aluminum screw shank nails as required by the installations or reviewed equal.
- B. Slant Vents: Furnish and install where shown on drawings, manufacturer's standard slant vent such as RV-61, net free area, 61 square inches, heavy-duty polypropylene construction with aluminum screen, nominal 19-1/2" x 16-1/4" size by the solar group, Taylorsville, Mississippi or reviewed equal.

End of Section