

**KEMPER COUNTY LIBRARY RENOVATIONS
KEMPER NEWTON REGIONAL LIBRARY SYSTEM
DeKALB, MS**

ADDENDUM NO. 3

TO: ALL BIDDERS ON THE ABOVE REFERENCED PROJECT

FROM: Phillip McDonald, PE

DATE: April 15, 2026

SUBJECT: ADDENDUM NO. 3 – ROOF ADDENDUM ITEMS

1. **CLARIFICATION:** Remove existing built-up roof system from existing reading porch roof. Install PVC membrane roof system as per the attached SECTION 07 5419 – POLYVINYL-CHLORIDE ROOFING.

2. **ADD:** SECTION 07 5419 – POLYVINYL-CHLORIDE ROOFING dated 15 April 2026. SEE ATTACHED

Submitted By:



Liz Dudley, Project Manager
Engineering Plus, Inc.

Contractor

April 15, 2026
Date

Date

THIS ADDENDUM SHALL BE SIGNED, DATED AND SUBMITTED WITH BID DOCUMENTS. FAILURE TO ACKNOWLEDGE RECEIPT OF THIS ADDENDUM AND ATTACH IT TO BID DOCUMENTS MAY BE GROUNDS FOR REJECTION OF BID.

**SECTION 07 5419
POLYVINYL-CHLORIDE ROOFING (PVC) – GAF**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. PVC roofing membrane for tear-off applications.
- B. Cover boards.

1.02 RELATED REQUIREMENTS

- A. Section 07 2700 - Air Barriers.

1.03 REFERENCE STANDARDS

- A. ASTM C1289 - Standard Specification for Faced Rigid Cellular Polyisocyanurate Thermal Insulation Board; 2022a.
- B. ASTM D4434/D4434M - Standard Specification for Poly(Vinyl Chloride) Sheet Roofing; 2021.
- C. FM (AG) - FM Approval Guide; Current Edition.

1.04 SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements for submittal procedures.
- B. Product Data: Provide data for roofing system materials, components, and accessories.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. See Section 01 7419 - Construction Waste Management and Disposal for packaging waste requirements.
- B. Deliver materials in manufacturer's original containers, dry and undamaged, with seals unbroken and labels intact, unless otherwise indicated.
- C. Store materials in weather protected environment, clear of ground and moisture, and within temperature range required by manufacturer.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Basis of Design:
 - 1. GAF; 1 Campus Drive; Parsippany, NJ 07054; Toll Free Tel: 877-423-7663; Email: designservices@gaf.com; www.gaf.com.
 - 2. Substitutions: See Section 01 6000 - Product Requirements.

2.02 ROOFING SYSTEM

- A. Roofing System Description: Listed from top of roof down.
 - 1. Single Ply Membrane: Adhered.
 - 2. Cover Board: Glass-mat faced gypsum board; mechanically fastened.

2.03 MEMBRANE MATERIALS

- A. Membrane:
 - 1. PVC Membrane: Polyvinyl chloride sheet complying with ASTM D4434/D4434M, Type III, with internally reinforced scrim.
 - a. Smooth Membrane: 80-mil, 0.080-inch (2.0 mm), nominal PVC thickness.
 - 2. Color: White.
- B. Membrane Attachment: Bonding adhesive in accordance with roofing manufacturer's requirements.
- C. Flexible Flashing: Manufacturer's standard PVC sheet flashing matching primary membrane in type and color, minimum 55-mil, 0.055-inch (1.4 mm) thickness.

2.04 COVER BOARDS

- A. Cover Board: High-density polyisocyanurate (ISO) insulation board, complying with ASTM C1289, and having the following characteristics:
 1. Classification: Type II, Class 5 - faced with glass fiber reinforced cellulosic facers on both major surfaces of core foam.
 2. Compressive Strength: Grade 1, 80 psi (Grade 1, 550 kPa).
 3. Thickness: 1/2 inch (12 mm).
 4. Insulation Thermal Resistance, R-value (RSI-value): 2.5 (0.44), nominal.

PART 3 EXECUTION**3.01 EXAMINATION**

- A. Verify surfaces and site conditions are ready to receive work.
- B. Verify deck is supported and secure.
- C. Verify deck is clean and smooth, flat, free of depressions, waves, or projections, properly sloped and suitable for installation of roof system.
- D. Verify deck surfaces are dry and free of moisture, snow or ice.

3.02 PREPARATION - WOOD DECK

- A. Verify wood deck conforms with manufacturer's minimum requirements.
 1. Minimum Thickness: 15/32 inch (12 mm) for wood sheathing or nominal 1 by 4 inches (25 by 102 mm) for wood planks.
 2. Wood Joist Spacing: Not exceeding 24 inches (610 mm) on center.
 3. Sheathing: Installed with all four sides bearing on and secured to joists and cross blocking. H clips are not acceptable.
- B. Verify flatness and tightness of joints in wood decking; fill knot holes with latex filler.
- C. Confirm dry deck by moisture meter with 12 percent moisture maximum.
- D. Proceed with installation only after unsatisfactory conditions have been corrected.

3.03 INSTALLATION - GENERAL

- A. Perform work in accordance with manufacturer's instructions and FM (AG) Approvals RoofNav.
- B. Do not apply roofing components during cold or wet weather conditions outside of manufacturer's approved conditions.
- C. Do not apply roofing membrane when ambient temperature is outside of manufacturer's required temperature range.
- D. Do not apply roofing membrane to damp or frozen deck surface or when precipitation is expected or occurring.
- E. Do not expose materials vulnerable to water or sun damage in quantities greater than can be covered the same day.
- F. Coordinate this work with installation of associated counterflashings installed by other sections as work of this section proceeds.
- G. Install roof membrane and auxiliary materials to tie in to existing roofing to maintain weathertightness of transition and to not void warranty or guarantee for existing roofing system.
- H. Coordinate installation and transition of roofing system component serving as an air barrier with air barrier specified under Section 07 2700.
- I. Prevent materials from entering and clogging roof drains and conductors and from spilling or migrating onto surfaces of other construction. Remove roof-drain plugs when no work is taking place or when rain is forecast.
- J. Install night seal at end of each workday or when rain is forecast. Provide temporary seals to prevent water from entering completed sections of roofing system. Ensure stagger and offset of

underlying insulation to prevent thermal breaks. Remove and discard temporary seals before beginning work on adjoining roofing.

3.04 INSTALLATION - COVER BOARD

- A. Install cover board in accordance with manufacturer's instructions.
- B. Trim cover board neatly to fit around penetrations and projections as directed by cover board manufacturer.
- C. Adhere cover board using insulation adhesive in accordance with roofing manufacturer's instructions and FM (AG) requirements.

3.05 INSTALLATION - MEMBRANE

- A. Install membrane and flashings in accordance with roofing system manufacturer's instructions.
- B. Roll out membrane, free from wrinkles or tears.
- C. Accurately align roof membrane and maintain uniform side and end laps of minimum dimensions required by manufacturer. Shingle joints on sloped substrates in direction of drainage where possible.
- D. Adhered Application:
 - 1. Adhesive: Apply adhesive at prescribed rate and in conformance with manufacturer's instructions. Bond membrane and apply pressure by means required by manufacturer. Adhere one roll before proceeding to adjacent rolls. Avoid trapping air between membrane and substrate.
- E. Seams: Clean seam areas, overlap roof membrane, and hot-air weld side and end laps of roof membrane and sheet flashings. Test lap edges with probe to verify seam weld continuity in accordance with manufacturer's technical bulletins.
- F. At intersections with vertical surfaces terminate and seal top of sheet flashings with termination bars secured to nailing strips or structural backing or in conformance with roofing manufacturer's approved details.
- G. Extend membrane under copings and secure to outside face of wall.
- H. Around roof penetrations, seal flanges and flashings with flexible flashing.

3.06 CLEANING

- A. See Section 01 7000 - Execution and Closeout Requirements for additional requirements.
- B. Properly dispose of all product wrappers, pallets, cardboard, scrap, waste and debris. Replace damaged material with new materials.
- C. Clean adjacent construction where soiled by work of this section. Comply with manufacturer of adjacent construction's instructions and procedures.