



University of Kentucky[®]

Procurement Services

INVITATION FOR BIDS

CCK-0084-1-24

North Farm Residence Construction

ADDENDUM # 2

4/19/2024

IMPORTANT: BID AND ADDENDUM MUST BE RECEIVED BY 5/2/2024 @ 3:00 P.M. LEXINGTON, KY TIME

Bidder must acknowledge receipt of this and any addendum as stated in the Invitation for Bids.

ITEM #1: BIDDER NOTICES

- The prebid attendance log is enclosed.
- Attendance at this prebid meeting was not mandatory. However, all responsive bids warrant that the bidder has examined the site and local conditions (IB-3, 2iii).
- To assist in outreach efforts, bidders are encouraged to use the following website for certified diverse firms providing goods and services in several relevant categories:
<https://www.mbdky.com/>

ITEM #2: QUESTIONS AND RESPONSES

- Refer to and incorporate within the offer, the enclosed Questions and Responses and updated specifications.

OFFICIAL APPROVAL
UNIVERSITY OF KENTUCKY

SIGNATURE

Patricia Pflug

Contracting Officer / (859) 257-5409

Typed or Printed Name

#	Date	Question	Response
1	4/18/2024	Do you know who is handling the construction material testing/compaction testing along with the special inspections for this project? Is it going to be handled by UK or on the contractor?	UK will be contracting with a local special inspection firm
2		I was checking to see if proposals for Special Inspections and Materials Testing would be needed for the project?	UK has already contacted a special inspections firm and will be contracting with them directly
3		For masonry, are we only to reference the specs on the drawings?	reference the drawing specs
4		On page 169 of 382 of the specs, it says that the exterior walls are 2x6, but on the drawings it calls out for the exterior walls to be 2x4 at 16" o.c.? Which will it be and 24" or 16" o.c.?	The specs for this job only contain 181 pages. Follow specs on the drawings. 2x4 @ 16" o.c.
5		On page 169 of 382 of the specs, it says that the roof will be asphalt shingles, but on the drawings, it calls out for a metal roof.	Please see attached Spec regarding change from Metal Roof for North Farm residence as outlined in project drawings to an Asphalt Shingle Roof
6		On page 169 of 382 of the specs, it says that the exterior walls will have R-20 batt insulation, but on the drawings it calls out for R-15 batt insulation.	reference the drawing specs
7		What type of insulation for the interior walls?	match exterior walls
8		The specs and drawings conflict with who is in charge of special inspections, could you please clarify?	UK will be contracting with a local special inspection firm
9		If the Owner will be taking care of the special inspections, could you please describe which special inspections they are responsible for?	UK will be contracting with a local special inspection firm. Special Inspections. . The KBC Special Inspection services have been identified to be provided during the following work divisions: <ul style="list-style-type: none"> • Concrete Construction - KBC Citation 1705.3 • Masonry Construction - KBC Citation 1705.4 • Wood Construction - KBC Citation 1705.5 • Soil Construction - KBC Citation 1705.6
10		A general rule of thumb is that the specs trump over the drawings, but since there are specifications on the drawings (shown on page 373 of 382), which specification do we use? For example, there are specifications on the roof, exterior walls, insulation, and windows on page 169, but on page 373/other drawing pages that conflict with page 169 too. We are concerned that there could be additional items similar to conflicting specs and drawings.	reference the drawing specs

11		For the backsplash shown on the kitchen elevations on page 372, it says "see specs" but there was no specs shown for the backsplash unless I missed that information somewhere else?	Backsplash is integral with plastic laminate counterops
12		What will be the site condition at start of construction	Owner will remove topsoil from building pad.
13		Who is responsible for finish grading	Contractor shall leave no open trenches or excavations on site. Contractor shall backfill around foundation. Owner will be responsible for finish grading, driveway, and sidewalks that aren't specified in the contract drawings.

SECTION 07311 - ASPHALT SHINGLES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes asphalt shingles for roofs.

1.3 SUBMITTALS

- A. General: Submit each item in this Article according to the Conditions of the Contract and Division 1 Specification Sections.
- B. Product data for each type of product specified, including details of construction relative to materials, dimensions of individual components, profiles, textures, and colors.
- C. Samples for initial selection in the form of manufacturer's sample finishes showing the full range of colors and profiles available for each type of asphalt shingle indicated.

1.4 QUALITY ASSURANCE

- A. Fire-Test-Response Classification: Where products with a fire-test-response classification are specified, provide asphalt shingles identical to those tested according to ASTM E 108 or UL 790 and listed by UL or another testing and inspecting agency acceptable to authorities having jurisdiction. Identify each bundle of asphalt shingles with appropriate markings indicating fire-test-response classification of applicable testing and inspecting agency.
- B. Wind-Resistance-Test Characteristics: Where wind-resistant asphalt shingles are indicated, provide products identical to those tested according to ASTM D 3161 or UL 997 and passed. Identify each bundle of asphalt shingles with appropriate markings of applicable testing and inspecting agency.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials to Project site in manufacturer's unopened bundles or containers with labels intact.
- B. Handle and store materials at Project site to prevent water damage, staining, or other physical damage. Store roll goods on end. Comply with manufacturer's recommendations for job-site storage, handling, and protection.

1.6 PROJECT CONDITIONS

- A. Weather Limitations: Proceed with installing asphalt shingles only when existing and forecasted weather conditions will permit work to be performed according to manufacturers' recommendations and warranty requirements, and when substrate is completely dry.

1.7 WARRANTY

- A. General Warranty: The special warranty specified in this Article shall not deprive the Owner of other rights the Owner may have under other provisions of the Contract Documents and shall be in addition to, and run concurrent with, other warranties made by the Contractor under requirements of the Contract Documents.
- B. Special Warranty: Submit a written warranty signed by manufacturer agreeing to repair or replace asphalt shingles that fail in materials or workmanship within the specified warranty period. Failures include, but are not limited to, deformation or deterioration of asphalt shingles beyond normal weathering.
 - 1. Warranty Period: Manufacturer's standard but not less than 20 years after date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering asphalt shingles that may be incorporated in the Work include, but are not limited to, the following:

Owens Corning or equal.

- B. Available Products: Subject to compliance with requirements, products that may be incorporated in the Work include, but are not limited to, the following:

Ridge Vents: Owens Corning or equal

Waterproof Underlayment: Owens Corning or equal.

2.2 ASPHALT SHINGLES

- A. Oakridge[®] (Algae Resistant) Shingles: As manufactured by Owens Corning Roofing and Asphalt, LLC, or equal.

Colors, Blends, and Patterns: Where manufacturer's standard products are indicated, provide asphalt shingles with the following requirements:

1. Provide Architect's selections from manufacturer's full range of colors, textures, and patterns for asphalt shingles of type indicated.
- B. Hip, Ridge & Starter Shingles: Oakridge® (Algae Resistant) Shingles: As manufactured by Owens Corning Roofing and Asphalt, LLC or equal.
- C. Install Weatherlock, ice and water barrier in valleys, rake edge and drip edge.
- D. Install Weatherlock ice and water barrier on the entirety of the low slope front porch area.
- E. For roof ventilation provide Ventsure 15" heat & moisture vent as manufactured by Owens Corning Roofing and Asphalt, LLC or equal.
- F. All products are "or equal."

2.3 METAL TRIM AND FLASHING

- A. Sheet Metal Materials: Furnish the following sheet metal materials:
 1. Aluminum Sheets: ASTM B 209 (ASTM B 209M), alloy 3003 H14 with mill finish, minimum 0.024 inch (0.6 mm) thick, unless otherwise indicated.
- B. Metal Drip Edge: Brake-formed sheet metal with at least a 2-inch (50-mm) roof deck flange and a 1-1/2-inch (38-mm) fascia flange with a 3/8-inch (9.6-mm) drip at lower edge. Furnish the following material in lengths of 8 or 10 feet (2.5 to 3 m).
 1. Material: Aluminum sheets.
- C. Metal Flashing: Job-cut to sizes and configurations required.
Material: Aluminum sheets.

Vent Pipe Flashing: Lead conforming to ASTM B 749, Type L51121, at least 1/16 inch (1.6 mm) thick, unless otherwise indicated. Provide lead sleeve sized to slip over and turn down into pipe, soldered to skirt at slope of roof extending at least 4 inches (100 mm) from pipe onto roof.

PART 3 - EXECUTION

3.1 EXAMINATION

Examine substrate for compliance with requirements for substrates, installation tolerances, and other conditions affecting performance of asphalt shingles. Do not proceed with installation until unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Clean substrates of projections and substances detrimental to application. Cover knotholes or other minor voids in substrate with sheet metal flashing secured with noncorrosive roofing nails.

- B. Coordinate installation with flashings and other adjoining work to ensure proper sequencing. Do not install roofing materials until all vent stacks and other penetrations through roof sheathing have been installed and are securely fastened against movement.

3.3 INSTALLATION

- A. General: Comply with manufacturer's instructions and recommendations but not less than those recommended by ARMA's "Residential Asphalt Roofing Manual" or "The NRCA Steep Roofing Manual."
- B. Felt Underlayment: Apply 1 layer of felt underlayment horizontally over entire surface to receive asphalt shingles, lapping succeeding courses a minimum of 2 inches (50 mm), end laps a minimum of 4 inches (100 mm), and hips and valleys a minimum of 6 inches (150 mm). Fasten felt with sufficient number of roofing nails or noncorrosive staples to hold underlayment in place until asphalt shingle installation.
- C. Waterproof Underlayment: Apply waterproof underlayment at eaves. Cover deck from eaves to at least 24 inches (600 mm) inside exterior wall line.
 - 1. In addition to eaves, apply waterproof underlayment in place of felt underlayment at valleys.
- D. Underlayment at Closed Valleys: Center a 36-inch- (900-mm-) wide felt underlayment in valley and secure with only enough nails to hold in place until asphalt shingles are installed. Lap roof underlayment over valley underlayment at least 6 inches (150 mm).
- E. Flashing: Install metal flashing and trim as indicated and according to details and recommendations of the "Asphalt Roofing" section of "The NRCA Steep Roofing Manual" and ARMA's "Residential Asphalt Roofing Manual."
- F. Install asphalt shingles, beginning at roof's lower edge, with a starter strip of roll roofing or inverted asphalt shingles with tabs removed. Fasten asphalt shingles in the desired weather exposure pattern; use number of fasteners per shingle as recommended by manufacturer. Use vertical and horizontal chalk lines to ensure straight coursing.
- G. Ridge Vents: Install ridge vents according to manufacturer's instructions.

3.4 ADJUSTING

- A. Replace any damaged materials installed under this Section with new materials that meet specified requirements.

END OF SECTION 07311