MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

Scouting Number	2025-306
Item to be Scouted	BABA Compliant Stucco Components
Days to be scouted	30
Response Due By	10/03/2025
Description	BABA Compliant: A. ACI 524R - Guide to Portland Cement-Based Plaster. B. ASTM C1861 - Standard Specification for Lathing and Furring Accessories

Section 2: Technical Information

Type of supplier being sought	Other C. ASTM C933 - Standard Specification for Welded Wire Lath. D. ASTM C1063 - Standard Specification for Installation of Lathing and Furring to Receive Interior and Exterior
Details	BABAA compliant self-certified manufacturers Portland Cement-Based Plaster.
Reason	BABA E. ASTM D779 - Standard Test Method for Determining the Water Vapor Resistance of Sheet Materials in
Describe the manufacturing processes (elaborate to provide as much detail as possible)	Domestic components in each of the BABAA compliant manufactured products must exceed 55% of the total component cost and be assembled in the United States. Contact with Liquid Water by the Dry Indicator Method. F. ASTM E96/E96M - Standard Test Methods for Gravimetric Determination of Water Vapor Transmission
Provide dimensions / size / tolerances / performance specifications for the item	See attached specs and mechanical schedule for more information. Rate of Materials. G. ICC-ES AC191 - Acceptance Criteria for Metal Plaster Bases (Lath).
List required materials needed to make the product, including materials of product components	See attached specs and mechanical schedule for more information. H. ICC-ES AC38 - Acceptance Criteria for Water-Resistive Barriers. Colorado
Are there applicable certification requirements?	Yes
Details	Build America, Buy America Act (BABAA) compliant
Are there applicable regulations?	Yes
Details	Must be able to submit BABAA manufactured product self-certification manufactured product letter that details a compliant product.
Are there any other stndards, requirements, etc.?	No
Additional Technical Comments	See attached specs and mechanical schedule for more information.

Section 4: Business Information

Estimated potential business volume	TBD post selection. Cost should be the best available, and cannot increase the project cost by 25%.
Estimated target price / unit cost information (if unavailable explain)	TBD post selection. Cost should be the best available, and cannot increase the project cost by 25%.
When is it needed by?	Q1 2026
Describe packaging requirements	Must arrive undamaged
Where will this item be shipped?	Colorado

Additional Comments

Is there other information you would like to include?	Nationwide Search Provide written documentation in response to the Supplier Scouting request of being a current Build America Buy America Stucco Components manufacturer with experience in manufacturing the system components, meeting the product performance requirements. Information on BABAA compliance requirements can be found at the Made in America Office link https://www.madeinamerica.gov/.

SECTION 09 2236
METAL LATH

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Lath systems, including:
   1. Metal lath for cement plaster.

B. Lath system accessories, including:
   1. Water-resistive barrier sheet.
   2. Other specified system accessories.

1.02 RELATED REQUIREMENTS

A. Section 07 2700 - Air Barriers: Air barrier under water-resistive barrier and exterior plaster and stucco assemblies.

1.03 REFERENCE STANDARDS

A. ACI 524R - Guide to Portland Cement-Based Plaster.

B. ASTM C1861 - Standard Specification for Lathing and Furring Accessories, and Fasteners, for Interior and Exterior Portland Cement-Based Plaster.

C. ASTM C933 - Standard Specification for Welded Wire Lath.

D. ASTM C1063 - Standard Specification for Installation of Lathing and Furring to Receive Interior and Exterior Portland Cement-Based Plaster.

E. ASTM D779 - Standard Test Method for Determining the Water Vapor Resistance of Sheet Materials in Contact with Liquid Water by the Dry Indicator Method.

F. ASTM E96/E96M - Standard Test Methods for Gravimetric Determination of Water Vapor Transmission Rate of Materials.

G. ICC-ES AC191 - Acceptance Criteria for Metal Plaster Bases (Lath).

H. ICC-ES AC38 - Acceptance Criteria for Water-Resistive Barriers.

1.04 SUBMITTALS

A. See Section 01 3000 - Administrative Requirements for submittal procedures.

B. Product Data: Provide data on furring and lathing components, structural characteristics, material limitations, and finish.

1.05 QUALITY ASSURANCE

A. Installer Qualifications: Company specializing in performing the work of this Section a minimum three years documented experience.

1.06 DELIVERY, STORAGE, AND HANDLING

A. Store materials inside under cover, and keep them dry and protected against damage from weather, moisture, surface contamination, corrosion, construction traffic, and other causes.

PART 2 PRODUCTS

2.01 LATH MATERIALS

A. Welded Wire Lath: ASTM C933; galvanized; self-furring, with 3/4 inch by 1-1/2 inch openings, of equivalent weight as specified below, and as specified in ASTM C1063 for framing spacing.
   1. Corner and Strip Reinforcing: Manufacturer's standard welded wire corner and strip reinforcing to suit indicated and detailed conditions, and as required for complete and proper installation in accordance with manufacturer's installation instructions.
   2. Code Acceptance: Complies with ICC-ES AC191.
   3. Minimum Weight Equivalent: 2.5 lb/sq yd.
   4. Basis of Design Product:
      a. Structa Wire; Twin Trac 2.5: www.structawire.com/#sle.
      b. Substitutions: See Section 01 6000 - Product Requirements.

B. Beads, Screeds, Joint Accessories, and Other Trim: Depth governed by plaster thickness, and maximum possible lengths.
   1. Material: Formed sheet steel with rust inhibitive primer, expanded metal flanges.
   2. Substitutions: See Section 01 6000 - Product Requirements.
   3. Casing Beads with Weep Holes: Square edges.
      a. Acceptable Product:
         1) ClarkDietrich; No. 66X Expanded Flange Casing Bead: www.clarkdietrich.com/#sle.
   4. Corner Beads: Square corners.
      a. Acceptable Product:
         1) ClarkDietrich; No. 1A Expanded Corner Bead: www.clarkdietrich.com/#sle.
   5. Expansion Joints: Two-piece sliding type with reveal, 4 inch wide flanges.
      a. Acceptable Product:
         1) ClarkDietrich; No. 40 Expansion Joint: www.clarkdietrich.com/#sle.
   6. Sill (Weep) Screeds: Beveled edges; minimum 3-1/2 inch vertical attachment flange.
      a. Acceptable Product:
         1) ClarkDietrich; No. 7 Foundation Sill Screed: www.clarkdietrich.com/#sle.
   7. Base (Weep) Screeds: Square edges; minimum 3-1/2 inch vertical attachment flange.
      a. Acceptable Product:
         1) ClarkDietrich; No 36X Expanded Base Screed: www.clarkdietrich.com/#sle.
   8. Control Joints: Accordion profile with factory-installed protective tape, 2 inch flanges.
      a. Acceptable Product:
         1) ClarkDietrich; No. 15 and No. 30 (corner) Control Joint: www.clarkdietrich.com/#sle.

2.02 ACCESSORIES

A. Anchorage Accessories: Tie wire, nails, and other metal supports, of type and size to suit application; to rigidly secure materials in place, galvanized.

B. Lath Fasteners: ASTM C1861; self-piercing tapping screws; length required to penetrate minimum 3/4 inch into structural framing, or as required by ASTM C1063, whichever is the greater length.

1. Provide fasteners with minimum 1-3/4 inch diameter, galvanized, grip-plate washers for securing metal lath.

C. Water-resistive Barrier Sheet: Asphalt-saturated kraft Grade D type sheathing paper complying with ICC-ES AC38.
   1. Water Resistance: At least 60 minutes when tested in accordance with ASTM D779.
   2. Water Vapor Permeance: 29 perms, minimum, when tested in accordance with ASTM E96/E96M using Procedure A - Desiccant Method, at 73.4 degrees F.

D. Tie Wire: Annealed galvanized steel.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify existing conditions before starting work.

B. Verify that substrates are ready to receive work and conditions are suitable for application.

C. For exterior plaster and stucco on stud walls, verify that water-resistive barrier has been installed over sheathing substrate completely and correctly.

D. Do not begin until unacceptable conditions have been corrected.

E. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.02 INSTALLATION - GENERAL

A. Install metal lath and furring for Portland cement plaster in accordance with ASTM C1063 and applicable ICC-ES requirements.
   1. Fastener Spacing: Space fasteners maximum 6 inch on center vertically, or as otherwise required by reference standard requirements.

3.03 WATER-RESISTIVE BARRIER INSTALLATION

A. See Section 07 2700 - Air Barriers for additional requirements for installation of air barriers behind metal lath applications.

B. Install sheets shingle fashion to shed water, with seams generally horizontal.

C. Overlap seams as recommended by manufacturer, 6 inches, minimum.

D. Overlap at outside and inside corners as recommended by manufacturer, 12 inches, minimum.

E. Attach to framed construction with fasteners extending through sheathing into framing, and space fasteners at 12 to 18 inches on center along each framing member supporting sheathing.

F. Where stud framing rests on concrete or masonry substrate, extend lower edge of sheet at least 4 inches below bottom of framing and seal to substrate with sealant or approved mounting tape.

G. At framed openings with frames having nailing flanges, extend sheet into opening and over flanges; at head of opening, seal sheet over flange and flashing.

3.04 CONTROL JOINTS

A. Locate joints as indicated on Drawings and comply with ASTM C1063.
   1. Area of plaster panel not to exceed 144 sq ft for vertical surfaces.
   2. Area of plaster panel not to exceed 100 sq ft for horizontal, curved or angled surfaces.
   3. Spacing between control joints not to exceed 18 ft in each direction.
   4. Area bounded by control joints not to exceed a length-to-width ratio of 2-1/2 to 1.

B. Install control joints using specified accessories, where indicated.
   1. Cut primary lath continuously along centerline of expansion joints.
   2. Wire-tie expanded flanges of accessories to primary lath; screw fasteners not permitted for this purpose.
   3. Install prefabricated joint accessories in accordance with ASTM C1063.
   4. Provide sealant at all trim splices and laps, intersections, horizontal terminations, and corner transitions to prevent moisture penetration in accordance with ACI 524R.

3.05 LATH INSTALLATION

A. Apply lath taut, with long dimension perpendicular to supports.

B. Secure end laps with tie wire where they occur between supports.

C. Attach metal lath to metal supports using self-tapping screws and specified washers at maximum 6 inches on center vertically.

D. Continuously reinforce internal angles with corner mesh, except where the metal lath returns 3 inches from corner to form the angle reinforcement; fasten at perimeter edges only.

E. Place corner bead at external wall corners; fasten at outer edges of lath only with wire ties.

F. Place base screeds at termination of plaster areas; secure rigidly in place.

G. Place 4 inch wide strips of lath centered over junctions of dissimilar backing materials, and secure rigidly in place.

H. Place lath vertically above each top corner and each side of door frames to 6 inches above ceiling line.

I. Place casing beads at terminations of plaster finish. Butt and align ends. Secure rigidly in place.
   1. Comply with applicable requirements of ACI 524R.

J. Place additional strip mesh diagonally at corners of lathed openings. Secure rigidly in place.

END OF SECTION