

# MEPNN Supplier Scouting Opportunity Synopsis

## Section 1: General Information

Scouting Number	2026-275
Item to be Scouted	BABA: 6" Tongue & Groove Metal Cladding System
Days to be scouted	14
Response Due By	06/17/2026
Description	Technical Specifications: - Material: 6063-T5 Extruded Aluminum - Profile: 6 inch V-Groove Tongue & Groove

## Section 2: Technical Information

Type of supplier being sought	- Attachment System: Quick-Screen Concealed Clip System Manufacturer
Reason	- Finish Options: Powder Coat and Woodgrain Sublimation BABA Rating: ASTM E84 Class A
Describe the manufacturing processes (elaborate to provide as much detail as possible)	- Non-Combustibility: ASTM E136 - Evaluation Report: ICC-ES ESR-4182 The manufacturing process includes the following steps: 1. Aluminum Billet Production and Extrusion Aluminum billets are heated to extrusion temperatures and forced through precision dies to create the proprietary 6-inch V-Groove tongue-and-groove profile. NACS Code: 331318 PSC Code: 5670 Extrusions are cooled, stretched, straightened, and cut to specified lengths. Minnesota 2. Heat Treatment The extruded profiles undergo thermal processing to achieve the 6063-T5 temper, providing the required structural strength, dimensional stability, and corrosion resistance. 3. Surface Preparation Extrusions are cleaned and chemically pretreated to improve coating adhesion and long-term durability. Surface contaminants are removed through controlled cleaning processes. 4. Architectural Finishing Profiles receive either powder-coat finishes or proprietary woodgrain sublimation finishes. The sublimation process transfers decorative woodgrain patterns to the aluminum surface under controlled heat and pressure conditions. Protective clear coats are applied as required to improve weather resistance and UV durability. 5. Fabrication and Accessory Manufacturing Finished planks are fabricated to required lengths. Matching trims, starter strips, corner pieces, reveals, and accessory components are manufactured and prepared for installation. 6. Quality Control and Testing Profiles undergo dimensional verification, finish inspection, coating adhesion testing, and visual quality control. 7. Products are manufactured in accordance with applicable architectural performance standards, including ICC-ES ESR-4182, AAMA 509, ASTM E84, and ASTM E136 requirements. Packaging and Distribution Finished planks and accessory components are packaged, palletized, and prepared for shipment to the project site.
Provide dimensions / size / tolerances / performance specifications for the item	Nominal Face Width: 6 inches (152.4 mm) Profile Type: V-Groove Tongue & Groove Material Thickness: Manufacturer proprietary extrusion profile Standard Lengths: Up to 24 feet (7.32 m) Custom Lengths: Available subject to manufacturing limitations Approximate Installed Weight: 1.5 pounds per square foot (7.3 kg/m <sup>2</sup> )

<p>List required materials needed to make the product, including materials of product components</p>	<p>Primary Materials:</p> <ul style="list-style-type: none"> <li>6063-T5 extruded aluminum</li> <li>Architectural-grade powder coating materials</li> <li>Woodgrain sublimation films and transfer materials</li> <li>Protective clear-coat finishes</li> </ul> <p>Accessory and Attachment Materials:</p> <ul style="list-style-type: none"> <li>Aluminum trims and flashing components</li> <li>Concealed aluminum attachment rails</li> <li>Galvanized steel clips</li> <li>Stainless steel fasteners</li> <li>Corrosion-resistant mounting hardware</li> <li>Performance Specifications</li> </ul> <p>Fire Performance:</p> <ul style="list-style-type: none"> <li>ASTM E84 Class A Surface Burning Characteristics</li> <li>ASTM E136 Non-Combustible Material Compliance</li> <li>EN 13501-1 Classification A2-s1,d0</li> </ul> <p>Building Envelope Performance:</p> <ul style="list-style-type: none"> <li>AAMA 509 Rainscreen Performance Tested</li> <li>ICC-ES ESR-4182 Evaluated System</li> </ul> <p>Wind Resistance:</p> <ul style="list-style-type: none"> <li>TAS 201 Impact Testing</li> <li>TAS 202 Uniform Static Air Pressure Testing</li> <li>TAS 203 Cyclic Wind Pressure Testing</li> <li>Miami-Dade NOA Approved</li> </ul> <p>Durability:</p> <ul style="list-style-type: none"> <li>Corrosion-resistant aluminum substrate</li> <li>UV-resistant architectural finish systems</li> <li>Designed for long-term exterior exposure</li> </ul> <p>Product Components:</p> <ul style="list-style-type: none"> <li>6" V-Groove Plank panels</li> <li>Starter strips</li> <li>Corner trim assemblies</li> <li>J-trims</li> <li>Reveal trims</li> <li>End caps</li> <li>Quick-Screen concealed clip attachment system</li> <li>Fasteners and mounting accessories</li> </ul>
<p>Are there applicable certification requirements?</p>	<p>Yes</p>
<p>Details</p>	<p>American Society for Testing and Materials (ASTM) E84 Class A Surface Burning Characteristics  ASTM E136 Non-Combustible Material Compliance  EN 13501-1 Classification A2-s1,d0</p>
<p>Are there applicable regulations?</p>	<p>No</p>
<p>Are there any other standards, requirements, etc.?</p>	<p>Yes</p>

Details	American Architectural Manufacturers Association (AAMA) 509 Rainscreen Performance Tested ICC-ES ESR-4182 Evaluated System Testing Application Standard (TAS) 201 Impact Testing TAS 202 Uniform Static Air Pressure Testing TAS 203 Cyclic Wind Pressure Testing Miami-Dade NOA Approved
Additional Technical Comments	100% Recyclable Aluminum

## Section 4: Business Information

Estimated potential business volume	1,917 Sq Ft
Estimated target price / unit cost information (if unavailable explain)	\$40.00/Sq Ft
When is it needed by?	Immediate
Describe packaging requirements	Palletized
Where will this item be shipped?	Minneapolis, MN

## Additional Comments

Is there other information you would like to include?	Agency Providing Funds: MHFA (Minnesota Housing Finance Agency) Point of Contact: Nick Hoelscher, Nick.h@noorcompanies.com
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