

# MEPNN Supplier Scouting Opportunity Synopsis

## Section 1: General Information

Scouting Number	2026-175
Item to be Scouted	BABA: Vinyl Composition Tile (VCT) Flooring
Days to be scouted	14
Response Due By	05/13/2026
Description	VCT flooring—short for Vinyl Composition Tile—is a durable, budget-friendly, and highly resilient type of flooring commonly used in commercial spaces.

## Section 2: Technical Information

Type of supplier being sought	Manufacturer
Reason	BABA
Describe the manufacturing processes (elaborate to provide as much detail as possible)	<p><b>1-Prepare Raw Materials</b> All base ingredients are measured and staged for mixing.</p> <ul style="list-style-type: none"> <li>-Combine vinyl resins, plasticizers, and stabilizers</li> <li>-Add limestone fillers (major component by weight)</li> <li>-Introduce pigments for color</li> <li>-Ensure moisture content and particle size meet spec</li> </ul> <p><b>2-Mix and Fuse the Compound</b> Ingredients are blended into a homogeneous vinyl-filler matrix.</p> <ul style="list-style-type: none"> <li>-Feed materials into a high-intensity mixer</li> <li>-Apply heat and shear to partially fuse the vinyl</li> <li>-Produce a consistent, semi-molten compound ready for sheet formation</li> </ul> <p><b>3-Form the Vinyl Sheet</b> The compound is transformed into a continuous sheet.</p> <ul style="list-style-type: none"> <li>-Pass compound through calendaring rollers to flatten it</li> <li>-Control thickness precisely (typically 1/8 inch)</li> <li>-Cool the sheet to stabilize its structure</li> </ul> <p><b>4-Add Color Chips or Patterns</b> Color granules or chips are incorporated for visual design.</p> <ul style="list-style-type: none"> <li>-Blend in colored chips for speckled or patterned effects</li> <li>-Distribute chips uniformly across the sheet</li> <li>-Optionally laminate multiple layers for complex patterns</li> </ul> <p><b>5-Cure and Stabilize the Sheet</b> The sheet undergoes heat and pressure to finalize its structure.</p> <ul style="list-style-type: none"> <li>-Send sheet through curing ovens</li> <li>-Allow controlled cooling to prevent warping</li> <li>-Condition material to reach final hardness</li> </ul> <p><b>6-Cut Tiles to Size</b> The cured sheet is cut into standard VCT tile dimensions.</p> <ul style="list-style-type: none"> <li>-Use precision die-cutting equipment</li> <li>-Common size: 12" × 12" (others possible)</li> <li>-Inspect edges for clean cuts and dimensional accuracy</li> </ul>
Provide dimensions / size / tolerances / performance specifications for the item	12"x12" See Attached Specification specifically 2.02.

List required materials needed to make the product, including materials of product components	VCT is made from: Vinyl resins Limestone fillers (this is what gives it rigidity) Color pigments Stabilizers and binders
Are there applicable certification requirements?	No
Are there applicable regulations?	No
Are there any other standards, requirements, etc.?	No
Additional Technical Comments	This is for a three-story 48 Unit Multifamily Apartment over a one-story parking garage. MHFA Project.

## Section 4: Business Information

Estimated potential business volume	Estimated 1,000 S.F.
Estimated target price / unit cost information (if unavailable explain)	Estimated \$3,000.00
When is it needed by?	July 2027
Describe packaging requirements	Heavy-duty corrugated cardboard Tiles stacked tightly; sometimes top/bottom protective sheets Shrink-wrap around cartons
Where will this item be shipped?	Blaine Minnesota

## Additional Comments

Is there other information you would like to include?	See Attached Specification.
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