

MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

Scouting Number	2026-169
Item to be Scouted	BABA: Horizontal Louver Blinds
Days to be scouted	14
Response Due By	05/13/2026
Description	Aluminum horizontal louver blinds are a window-covering system made of thin, lightweight aluminum slats (louvers) that can be tilted, raised, or lowered to control light, privacy, and heat gain. The slats typically range from 1/2 inch to 2

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>1-Form the Aluminum Slats Aluminum coil stock is rolled, slit, and shaped into thin louver slats. -Slit aluminum coil into strips matching slat width (1", 1.5", or 2") -Roll-form strips to create the curved slat profile -Apply baked enamel or powder-coat finish for color and durability -Cut slats to exact window width</p> <p>2-Punch and Notch the Slats Each slat is machined to interface with ladder cords or ladder tape. -Punch holes for ladder cords at precise intervals -Notch ends for bottom-rail alignment -Inspect for burrs or coating defects</p> <p>3-Fabricate the Headrail The headrail houses the tilt and lift mechanisms that operate the blind. -Roll-form aluminum or steel into a U-shaped headrail -Install tilt rod, cord lock, and drum mechanisms -Add end caps and mounting brackets</p> <p>4-Assemble the Ladder System Ladder cords or tapes support and space the slats evenly. -Cut ladder cords/tapes to length -Attach ladders to tilt drums inside the headrail -Verify spacing matches slat pitch</p> <p>5-Install the Slats Slats are fed manually or automatically into the ladder system. -Insert each slat into ladder rungs from top to bottom -Ensure slats sit level and tension is even -Add the bottom rail and secure with cord retainers</p> <p>6-Add Lift and Tilt Controls The blind's control system is installed and tested. -Thread lift cords through slats and bottom rail -Route cords through cord lock in the headrail -Attach tilt wand or tilt cords -Test raising, lowering, and tilting</p>
Provide dimensions / size / tolerances / performance specifications for the item	See Attached Specifications.
List required materials needed to make the product, including materials of product components	<p>1. Aluminum Slat Materials (Core Component) These form the louvers themselves.</p> <p>A. Aluminum Coil Stock -Alloy: 3005, 5052, or 8011 (common for blinds)</p>

- Thickness: 0.006–0.008 in
- Width: 1", 1.5", or 2"
- Temper: H16 or H18 (provides springiness and shape retention)

B. Surface Finishes

- Baked enamel coating
- Polyester powder coating
- Anodized finish (less common)
- Anti-static or dust-repellent coatings
- Color pigments (white, off-white, metallics, matte, gloss)

2. Headrail & Bottom Rail Materials

A. Headrail

- Roll-formed steel (most common)
- Roll-formed aluminum (premium)
- Thickness: 0.018–0.025 in
- Painted or powder-coated to match slats

B. Bottom Rail

- Extruded or roll-formed aluminum
- Internal steel weight for stability
- End caps (plastic)

3. Ladder System Materials

A. Ladder Cord

- Braided polyester or nylon
- UV-resistant
- Color-matched to slats
- Determines slat spacing (typically 20–30 mm)

B. Ladder Tape (optional alternative)

- Woven polyester tape
- Decorative and light-blocking
- Available in multiple widths and colors

4. Lift & Tilt System Materials

A. Lift System

- Polyester lift cords
- Cord lock mechanism (metal or plastic)
- Cord guides
- Cord tassels
- Cord joiners
- Cordless spring-assist mechanism (for cordless models)

B. Tilt System

- Tilt rod (steel or aluminum)
- Tilt gear (plastic or metal)
- Wand tilt components
- Wand (acrylic, PVC, or wood)
- Cord tilt components (if using dual-cord tilt)

5. Mounting & Hardware Components

A. Brackets

- Steel mounting brackets (inside mount, outside mount)
- Center support brackets for wide blinds
- Hold-down brackets (optional for doors)

B. Fasteners

- Screws (zinc-plated or stainless)
- Anchors (for drywall installations)

C. End Caps & Plugs

- Plastic headrail end caps
- Bottom rail end caps
- Wand tip and hook

6. Control & Safety Components

A. Child-Safety Components

- Cord cleats
- Breakaway cord connectors
- Cord-stop devices

	-Cordless lift mechanisms (spring or friction-based) B. Control Accessories -Wand handle -Cord tassels -Cord stops
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. See Attached Specifications

Section 4: Business Information

Estimated potential business volume	Estimated 250 blinds.
Estimated target price / unit cost information (if unavailable explain)	\$13,750.00
When is it needed by?	July 2027
Describe packaging requirements	Aluminum blinds require packaging that protects against slat bending, rail deformation, scratching, cord tangling, and moisture exposure. The most critical elements are end-cap reinforcement, slat protection, and rigid carton support, especially for wide blinds.
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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