

MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

Scouting Number	2026-179
Item to be Scouted	BABA: Wall Stop & Holders
Days to be scouted	14
Response Due By	05/13/2026
Description	A door wall stop and holder is a simple but essential piece of architectural hardware designed to protect walls and doors from impact and, in some models, hold the door open at a fixed position. It's one of the most common

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 Metal Body Components The main metal parts—base plate, projection arm, and hook (if included)—are fabricated first.</p> <ul style="list-style-type: none"> -Cut stainless steel, brass, or zinc alloy stock to size -Use CNC machining or stamping to shape the base and arm -Drill mounting holes and countersinks -Deburr edges to remove sharp metal <p>2-Produce the Rubber or Urethane Bumper The impact-absorbing tip is molded separately for durability.</p> <ul style="list-style-type: none"> -Injection-mold rubber or urethane into bumper molds -Trim excess flash -Inspect hardness (typically 60–80 Shore A) <p>3-Create the Holder Mechanism (Hook or Magnetic) Holder models require an additional mechanical or magnetic catch.</p> <ul style="list-style-type: none"> -For hook-style: machine hook arm and door strike plate -For magnetic models: press-fit or epoxy a neodymium magnet into the housing -Verify alignment between wall unit and door-mounted strike <p>4-Apply Surface Finishes Architectural hardware requires corrosion-resistant and aesthetic finishes.</p> <ul style="list-style-type: none"> -Polish or brush the metal surface -Apply plating (chrome, nickel, brass) or powder coat -For stainless steel, perform passivation to prevent corrosion <p>5-Assemble All Components The stop is assembled into a complete functional unit.</p> <ul style="list-style-type: none"> -Press-fit or screw the bumper onto the projection arm -Attach hook or magnetic catch if included -Install internal springs or friction pads (if applicable) -Add thread-locker to fasteners for durability <p>6-Quality Testing Each unit is tested to ensure durability and proper function.</p> <ul style="list-style-type: none"> -Impact-test the bumper against a test fixture -Check magnet or hook holding force -Verify mounting hole alignment -Inspect finish for scratches or defects
Provide dimensions / size / tolerances / performance specifications for the item	This is for a 48-unit Multifamily Apartment. We are looking for typical equipment for this type of application. Project will be a MHFA project. Please refer to section 2.13 and 2.21 Wall Stops and Holders on the attached document for additional information.

List required materials needed to make the product, including materials of product components

1. Core Structural Components

These form the body of the stop or holder.

- Steel (mild steel or carbon steel) — for mounting plates, hooks, and bases
- Stainless steel (304 or 316) — for corrosion-resistant or architectural-grade models
- Brass or bronze — for decorative or premium finishes
- Aluminum — for lightweight or anodized models

Why these materials: They provide strength, durability, and compatibility with architectural finishes.

2. Impact-Absorbing Components

These prevent damage to the door and wall.

- Rubber bumpers (natural rubber or neoprene)
- Urethane bumpers (higher durability, quieter impact)
- Silicone bumpers (for temperature-stable or premium models)
- Plastic or nylon caps (for low-cost models)

Used in: Standard wall stops, magnetic stops with cushioned tips.

3. Holder Mechanism Components

Used only in wall stops that also hold the door open.

Hook-and-Eye Holder

- Steel or stainless steel hook
- Strike plate or eyelet
- Pivot pin
- Mounting screws

Magnetic Holder

- Permanent magnet (ferrite or neodymium)
- Steel strike plate
- Rubber or nylon buffer ring
- Non-magnetic housing (aluminum, stainless, or zinc alloy)

Friction Holder

- Spring-loaded friction pad
- Nylon or UHMW contact surface
- Steel housing

4. Fasteners & Mounting Hardware

Every model requires secure mounting.

- Wood screws (zinc-plated or stainless)
- Machine screws
- Plastic or metal wall anchors
- Sex bolts (for hollow metal doors or heavy-duty installs)
- Washers and spacers (nylon or steel)

5. Finishes & Surface Treatments

Architectural hardware must match door and building aesthetics.

- Powder-coat finish (white, black, bronze, custom colors)
- Plated finishes:
 - Satin chrome (US26D)
 - Polished chrome (US26)
 - Satin nickel (US15)
 - Oil-rubbed bronze (US10B)
- Clear anodizing (for aluminum)
- Passivation (for stainless steel)

6. Protective & Functional Materials

Used to reduce noise, friction, and wear.

- Nylon or UHMW pads
- PTFE washers
- Thread-locking compound
- Silicone or lithium grease (for hook mechanisms)

7. Compliance & Identification Materials

For commercial or architectural hardware.

- Model/series labels
- Finish code labels

	-Installation orientation labels -Instruction sheet
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	60
Estimated target price / unit cost information (if unavailable explain)	\$5 to \$43 per unit
When is it needed by?	July 2027
Describe packaging requirements	Polybag or bubble wrap around the main body Scratch-protection film for plated or stainless finishes Protective cap for rubber or urethane bumpers
Where will this item be shipped?	Blaine Minnesota

Additional Comments

Is there other information you would like to include?	
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