

MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

Scouting Number	2026-177
Item to be Scouted	BABA: Magnetic Hold Open
Days to be scouted	14
Response Due By	05/13/2026
Description	A door magnetic hold-open is a device that uses an electromagnet to keep a door open under normal conditions and automatically release it during a fire alarm, power loss, or emergency event. It's a core component in commercial

Section 2: Technical Information

Type of supplier being sought	Manufacturer
Reason	BABA
Describe the manufacturing processes (elaborate to provide as much detail as possible)	A door magnetic hold-open device is manufactured by creating a precision-wound electromagnet, producing a matching armature plate, assembling the housing and electrical components, applying protective finishes, and performing strict safety testing to ensure the device releases reliably during fire alarms or power loss. The final product is packaged with mounting hardware and documentation for installation in fire-rated door systems.
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 2.15 Magnetic Hold Open and 2.21 Finishes and Base Materials on the attached document for additional information.

List required materials needed to make the product, including materials of product components	<p>1. Electromagnet Assembly These components create the magnetic holding force.</p> <ul style="list-style-type: none"> -Electromagnet core (low-carbon steel or silicon steel) -Copper magnet wire (enameled, typically AWG 22–30) -Bobbin/spool (nylon or phenolic) -Pole face plate (machined steel) -Epoxy potting compound (for vibration and heat protection) -Mounting bracket (steel or zinc-plated steel) -Terminal posts or lead wires (high-temperature insulated) <p>2. Armature Plate Assembly This is the metal plate mounted on the door that the magnet holds.</p> <ul style="list-style-type: none"> -Armature plate (machined or stamped steel) -Rubber or neoprene washer (to allow slight movement for alignment) -Pivoting armature cup (optional, for self-alignment) -Mounting screws (steel, zinc-plated) -Spacer washers (nylon or steel) <p>3. Electrical Components These control power and safety functions.</p> <ul style="list-style-type: none"> -Low-voltage coil (12V or 24V DC) -Diode for back-EMF suppression -Terminal block or wire leads -Thermal fuse or temperature cutoff -Manual release button (optional) -LED indicator (optional) <p>4. Housing & Structural Components These protect the magnet and provide mounting stability.</p> <ul style="list-style-type: none"> -Housing enclosure (steel, aluminum, or zinc alloy) -Cover plate (powder-coated steel or aluminum) -Backplate (steel) -Grommets for wire entry -Mounting hardware (screws, anchors, brackets) <p>5. Finishes & Protective Materials Used to ensure durability and compliance with fire-door standards.</p> <ul style="list-style-type: none"> -Powder-coat finish (white, gray, or black) -Corrosion-resistant plating (zinc, nickel) -Heat-resistant insulation -Rubber bumpers (optional) <p>6. Compliance & Safety Materials Required for fire-rated installations.</p> <ul style="list-style-type: none"> -UL 228 or UL 864 certification labels -Fire-door compatibility labels -Voltage and wiring labels -Instruction sheet for installers
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	30
Estimated target price / unit cost information (if unavailable explain)	Estimated \$15,000.00
When is it needed by?	July 2027

Describe packaging requirements	Foam or thermoformed tray to secure magnet and armature ESD bag for electronics Scratch-protection film on finished metal Moisture-barrier wrap for humid environments
Where will this item be shipped?	Blaine Minnesota

Additional Comments

Is there other information you would like to include?	
---	--