

# MEPNN Supplier Scouting Opportunity Synopsis

## Section 1: General Information

Scouting Number	2024-346
Item to be Scouted	Elevator Disconnect Switch
Days to be scouted	30
Response Due By	12/07/2024
Description	United States manufacturers of BABAA-compliant Elevator Fusible Shunt-Trip Disconnect (with accessories) for use in an addition and remodel of an existing single story Critical Access Hospital located in Iowa.
Notify Requester Immediately	Yes
State item to be used in	Iowa

## Section 2: Technical Information

Type of supplier being sought	Other
Details	Manufacturer/Distributor
Reason	BABA
Describe the manufacturing processes (elaborate to provide as much detail as possible)	Electrical/Electronic/Mechanical Assembly
Provide dimensions / size / tolerances / performance specifications for the item	See attached construction project technical specification.  Domestic components in each of the BABAA compliant manufactured products must exceed 55% of the total component cost and be assembled in the United States.
List required materials needed to make the product, including materials of product components	See attached construction project technical specification.
Are there applicable certification requirements?	No
Are there applicable regulations?	Yes
Details	Build America, Buy America Act (BABAA) compliant. Must be able to submit BABAA manufactured product self-certification manufactured product letter for each product that details a compliant product.
Are there any other standards, requirements, etc.?	Yes
Details	Yes. See attached construction project technical specification
NAICS 1	
NAICS 2	
Additional Technical Comments	See attached construction project technical specification.  Manufacturers shall specialize and have experience in the manufacturing of the designated components.

## Section 4: Business Information

Estimated potential business volume	2 for this project, one time purchase.
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Estimated target price / unit cost information (if unavailable explain)	To be determined in negotiation. Best available.
When is it needed by?	Q2 - 2025
Describe packaging requirements	Best available. Delivered undamaged. Specifics discussed in negotiation.
Where will this item be shipped?	Iowa

## Additional Comments

Is there other information you would like to include?	<p>Nationwide Search</p> <p>Provide written documentation in response to the Supplier Scouting request of being a current Build America Buy America Act compliant electrical equipment manufacturer with experience manufacturing the system components meeting the product performance requirements.</p> <p>For all BABA related questions please contact:</p> <p>Agency: USDA  Joe Edmondson  joe.edmondson@okalliance.com</p>
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**SECTION 262816**  
**ENCLOSED STARTERS AND SWITCHES**  
**(ELEVATOR FUSIBLE SHUNT-TRIP DISCONNECT)**

**PART 1 GENERAL**

**1.01 SECTION INCLUDES**

- B. Elevator fusible shunt trip disconnect

**1.02 RELATED REQUIREMENTS**

- A. Specification Section 26 0529 - Hangers and Supports for Electrical Systems
- B. Specification Section 26 0553 - Identification for Electrical Systems

**1.03 REFERENCE STANDARDS**

- A. NEMA FU 1 - Low Voltage Cartridge Fuses; National Electrical Manufacturers Association
- B. NEMA KS 1 - Enclosed and Miscellaneous Distribution Equipment Switches (600 Volts Maximum); National Electrical Manufacturers Association
- C. NETA STD ATS - Acceptance Testing Specifications for Electrical Power Distribution Equipment and Systems; International Electrical Testing Association
- D. NFPA 70 - National Electrical Code; National Fire Protection Association
- E. NECA - Standard of Installation (published by the National Electrical Contractors Association)

**1.05 QUALITY ASSURANCE**

- A. Conform to requirements of NFPA 70.
- B. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years documented experience and with service facilities within 100 miles of Project.
- C. Products: Listed and classified by Underwriters Laboratories Inc. as suitable for the purpose specified and indicated.

**PART 2 PRODUCTS**

**2.04 ELEVATOR FUSIBLE SHUNT-TRIP DISCONNECT**

- ~~A.~~ An elevator fusible shunt-trip disconnect shall be used in the elevator equipment room for each elevator.
- ~~B.~~ Manufacturers:
  - 1. Cooper-Bussmann
  - 2. Littelfuse
  - 3. Mersen / Ferraz-Shawmut
- ~~C.~~ Product Information
  - 1. Provide the elevator fusible shunt-trip disconnect in a single NEMA 1 enclosure with all necessary relay(s), control transformer and other options as listed below, and as shown on drawings.
  - 2. The elevator fusible shunt-trip disconnect shall have an ampere rating as shown on the drawings and shall include a horsepower rated fusible switch with shunt trip capabilities. the amp rating of the switch shall be based upon elevator manufacturer requirements and utilize Class J Fuses.
- ~~D.~~ Accessories
  - 1. 100VA control power transformer with primary and secondary fuses.
    - a. The primary voltage rating shall match the voltage of the elevator, with a 120V secondary. It shall also contain an isolation relay (3PDT, 10 amp, 120V).
  - 2. Isolation relay
    - a. The coil of the isolation relay shall be 120VAC or 24VDC as required by the fire alarm system. A normally open dry contact shall be provided by the Fire Alarm System to energize the isolation relay and activate the shunt trip solenoid (140VA inrush at 120V). (Note: If 24Vdc coil is selected, a separate 24Vdc source and contact must be provided by the Fire Alarm System.)
  - 3. Key to Test Switch
  - 4. "ON" Pilot Light (Green)
  - 5. Isolated full capacity neutral lug
  - 6. 1P NC Mechanically Interlocked Auxiliary Contact
  - 7. Two NO/NC auxiliary contacts
  - 8. Fire Alarm Voltage Monitoring Relay

## **PART 3 EXECUTION**

### **3.01 INSTALLATION**

- A. Install in accordance with NECA "Standard of installation."
- B. Install in accordance with manufacturer's instructions.
- C. Install plumb and provide in accordance with Specification Section 26 0529 - Hangers and Supports for Electrical Systems.
- D. Height to be five foot (5') to operating handle.
- E. Install fuses in fusible disconnect switches. Fuses shall not be installed until equipment is ready to be energized.
- F. Provide one set of spare fuses of each size and type.
- G. Provide adhesive label with white letters on black background for associated equipment.
- H. Apply adhesive tag on inside door of each fused switch indicating NEMA fuse class and size installed.

### **3.02 FIELD QUALITY CONTROL**

- A. Perform field inspection in accordance with Section 01 4000.
- B. Inspect and test in accordance with NETA STD ATS, except Section 4.
- C. Perform inspections and tests listed in NETA STD ATS, Section 7.5.1.2.

**END OF SECTION 26 2816**