

# MEPNN Supplier Scouting Opportunity Synopsis

## Section 1: General Information

Scouting Number	2024-213
Item to be Scouted	Disconnect Switches
Days to be scouted	45
Response Due By	09/08/2024
Description	Power equipment used to quickly interrupt power to equipment it is serving.
Notify Requester Immediately	
State item to be used in	Vermont

## Section 2: Technical Information

Type of supplier being sought	Manufacturer
Reason	BABA
Describe the manufacturing processes (elaborate to provide as much detail as possible)	unit is factory made. All components are installed at the factory
Provide dimensions / size / tolerances / performance specifications for the item	<p>Shall be quick make, quick break single throw externally operated manual type disconnect switches in NEMA 1 enclosure for interior dry use and NEMA 3R for exterior. If indicated on the Drawings, the unit shall be fused according to the protected equipment manufacturers' recommendations</p> <p>Switches shall be capable of being locked in the open position</p> <p>Switches shall be heavy-duty type</p> <p>Where disconnect switches are located on the load side of Variable Frequency Drives (VFDs), switches shall have auxiliary contacts for controls to shut down VFD completely when power is interrupted to the motor. Contact shall be dry and isolated with a contact configuration of SPST.</p> <p>Contact set shall be sealed</p>
List required materials needed to make the product, including materials of product components	16ga galvanized steel, plastic
Are there applicable certification requirements?	Yes
Certification(s) required	UL
Are there applicable regulations?	No
Are there any other standards, requirements, etc.?	Yes
Details	Disconnects shall meet latest National Electric Code.
NAICS 1	335313 Switchgear and switchboard apparatus manufacturing
NAICS 2	
Additional Technical Comments	

## Section 4: Business Information

Estimated potential business volume	Disconnect Switches (known as of 7/16) – 11 units <ul style="list-style-type: none"><li>· 800A fused - \$7,000</li><li>· 400A fused - \$5,000</li><li>· 100A fused - \$500</li></ul>
Estimated target price / unit cost information (if unavailable explain)	Disconnect Switches (known as of 7/16) – 11 <ul style="list-style-type: none"><li>· 800A fused - \$7,000</li><li>· 400A fused - \$5,000</li><li>· 100A fused - \$500</li></ul>
When is it needed by?	Construction is scheduled to start in February of 2025.
Describe packaging requirements	Individually wrapped
Where will this item be shipped?	Norwich University, Northfield, VT

## Additional Comments

Is there other information you would like to include?	Contact information for questions including BABA/Buy American compliance:  Jones Architecture Alya Staber alya@jonesarch.com  Please copy scouting@nist.gov on all correspondence.
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