

MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

Scouting Number	2024-201
Item to be Scouted	Circuit Breakers
Days to be scouted	45
Response Due By	09/07/2024
Description	Circuit breakers shall provide overcurrent protection to circuits
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)	Breakers are molded and formed at the factory.
Provide dimensions / size / tolerances / performance specifications for the item	<p>Circuit breakers shall be molded case, bolt on heavy-duty type having quick make, quick break manually operated toggle mechanism. Handle shall be trip free with three positions that clearly indicate when the breakers are "on," "off," or "tripped." Multiple pole circuit breakers shall operate on a common trip principle. All circuit breakers shall provide overcurrent and short circuit protection</p> <p>Circuit breakers shall be manufactured such that amperages shall be clearly visible on all breakers (stamped or labeled) without having to remove any components of the panelboard to obtain this information</p> <p>Special requirements shall be as indicated, including ground fault current interrupting (GFCI), shunt trip, arc fault, etc., on circuit breakers for indicated branch circuits on local distribution panels</p> <p>Provide 30mA GFCI circuit breakers for use on all heat trace circuits.</p> <p>Circuit breakers shown as service entrance protection on the Drawings shall be rated for such use</p>
List required materials needed to make the product, including materials of product components	Various, see attached data sheet.
Are there applicable certification requirements?	Yes
Certification(s) required	UL
Are there applicable regulations?	No
Are there any other standards, requirements, etc.?	Yes
Details	Breakers shall conform to latest National Electrical Code.
NAICS 1	335313 Switchgear and switchboard apparatus manufacturing
NAICS 2	
Additional Technical Comments	

Section 4: Business Information

Estimated potential business volume	<p>Circuit Breakers (known as of 7/16) – 56</p> <ul style="list-style-type: none"> · 20A-100A – price range from \$150 - \$600 based on type/configuration · 125A/3P - \$2,000 (1) · 150A/3P - \$800 (5) · 200A/3P - \$1,000 (3) · 250A/3P - \$2,100 (2) · 300A/3P - \$2,300 (3) · 400A/3P - \$2,500 (3) · 600A/3P - \$4,500 (1) · 800A/3P - \$6,000 (3) · 1600A/3P - \$12,000 (1)
Estimated target price / unit cost information (if unavailable explain)	<p>Circuit Breakers (known as of 7/16) – 56</p> <ul style="list-style-type: none"> · 20A-100A – price range from \$150 - \$600 based on type/configuration · 125A/3P - \$2,000 (1) · 150A/3P - \$800 (5) · 200A/3P - \$1,000 (3) · 250A/3P - \$2,100 (2) · 300A/3P - \$2,300 (3) · 400A/3P - \$2,500 (3) · 600A/3P - \$4,500 (1) · 800A/3P - \$6,000 (3) · 1600A/3P - \$12,000 (1)
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?	<p>Contact information for questions including BABA/Buy American compliance:</p> <p>Jones Architecture Alya Staber alya@jonesarch.com</p> <p>Please copy scouting@nist.gov on all correspondence.</p>
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