

MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

Scouting Number	2025-039
Item to be Scouted	Circuit Breakers
Days to be scouted	30
Response Due By	03/07/2025
Description	Procurement is to acquire very large 15.5-kv to 362-kv circuit breakers with American components. These circuit breakers are in every substation. They are used on transmission lines, transformer lines, reactor banks, and capacitor banks.
Notify Requester Immediately	
State item to be used in	Colorado

Section 2: Technical Information

Type of supplier being sought	Manufacturer
Reason	Other
Details	American made components
Describe the manufacturing processes (elaborate to provide as much detail as possible)	<p>15.5-kV through 362-kV circuit breakers involves several specialized steps and high-quality materials, including metals, insulators, and other components. due to their high voltage ratings and critical role in electrical systems.</p> <p>Manufacturing process includes but is not limited to electronic integration, casting, forging, machining, welding, and assembly.</p>
Provide dimensions / size / tolerances / performance specifications for the item	Very large 15.5-kv to 362-kv circuit breakers
List required materials needed to make the product, including materials of product components	<ol style="list-style-type: none">1. Full breaker assembly and test2. Control and Mechanism Cabinets3. Operating Mechanism4. Interrupter5. Control panel6. Insulators - Porcelains - Composites7. Bushing Mounted Current Transformers8. Interrupter Tanks
Are there applicable certification requirements?	Yes
Certification(s) required	IEEE ,ISO
Details	American Society for Testing and Materials (ASTM)
Are there applicable regulations?	Yes
Details	The BAA and implementing regulations in the FAR provide a two-part test for determining if a product qualifies as a domestic end product: (i) the item must be manufactured in the United States, and (ii) more than 65 percent of the cost of all the component parts are manufactured in the United States. Circuit breakers included in this procurement are manufactured in the United States, but previous acquisition history demonstrates the individual components are globally sourced and cannot meet the domestic component requirements listed above.
Are there any other standards, requirements, etc.?	No

NAICS 1	335313 Switchgear and switchboard apparatus manufacturing
NAICS 2	
Additional Technical Comments	The circuit breakers are not intended for residential use. Please refrain from responding if you do not fully understand the scope or size of the requirements. A complete list of materials required for the circuit breaker, including the origin/country of each component, must be submitted. If the list cannot be supplied with American-made components, please do not respond to this opportunity.

Section 4: Business Information

Estimated potential business volume	This is going to be an IDIQ, so no set qty, as yet.
Estimated target price / unit cost information (if unavailable explain)	~ \$1.0 MIL - \$2.0 MIL /year Pricing is determined on size of circuit breaker. Best available, as this is related to BABA, acceptable pricing is to be determined in negotiation.
When is it needed by?	Immediately
Describe packaging requirements	Pallet and trucking or best available. Delivered undamaged. Specifics discussed in negotiation.
Where will this item be shipped?	Colorado, Utah, Nebraska, Montana, North and South Dakota, and Wyoming.

Additional Comments

Is there other information you would like to include?	Energy, U.S. Department of/Energy/Electricity, Office of/Western Area Power Administration (WAPA) Based on market research, there are currently no known suppliers of domestic end products for circuit breakers in voltage classes ranging from 15.5 kV to 362 kV. The components for these circuit breakers are sourced from foreign countries.
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