

ITEM OPPORTUNITY SYNOPSIS

Scouting Number:	2024-032
Name of the item to be scouted:	Circuit Breakers
State item to be used in:	Colorado
Describe the Item:	
Please describe the item application/the end use of the item.	Procurement is to acquire 15.5-KV to 362-KV circuit breakers. A circuit breaker is an electrical switch designed to protect an electrical circuit from damage caused by overcurrent/overload or short circuit. Its basic function is to interrupt current flow after protective relays detect a fault. Every substation has multiple circuit breakers. They are used on transmission lines, transformer lines, reactor banks, and capacitor banks.
Supplier Information:	
Type of Supplier Being Sought (select from the list below):	
Manufacturer	x
Contract Manufacturer	
Distributor	
Other (Please Specify)	
Reason for Scouting Submission (select from the list below)	
2nd Supplier	
Price	
Re-Shore	
Past supplier no longer available	
New Product Startup	
BABA	
Other (Please Specify)	Domestic End Product: BAA - FAR provide a two-part test for determining if a product qualifies as a domestic end product: (i) must be manufactured in the United States, and (ii) more than 55 percent of the cost of all the component parts are US.
Summary of Technical Specifications and Performance Requirements:	
Describe the manufacturing processes (elaborate to provide as much detail as possible)	Circuit breakers are manufactured using foreign materials as well as commercially off the shelf. The country of origin for foreign materials are from the following: Interrupter: Japan and China, Porcelain: Romania and China.
Provide dimensions / size / tolerances / performance specifications of the item	15.5-kV through 362-kV circuit breakers
List required materials needed to make the product, including materials of product components, if applicable	1. Full breaker assembly and test 2. Control and Mechanism Cabinets 3. Operating Mechanism 4. Interrupter 5. Control panel 6. Insulators - Porcelains Composites 7. Bushing Mounted Current Transformers 8. Interrupter Tanks
Are there applicable certification requirements?	
Yes	x
No	
Please explain:	IEEE ISO Other ASTM A NEMA SG ANSI
Are there any applicable regulations that apply to the production of this item?	
Yes	x
No	
Please explain:	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 55 percent of the cost of all the component parts are manufactured in the United States.
Are there any other standards / requirements?	
Yes	x
No	
Please explain:	Full range of 15.5-kV through 362-kV circuit breakers requires from one company.

Additional Comments:	
Additional technical comments:	
Volume and Pricing:	
Estimated Potential Business Volume (i.e. #units per day, month, year):	\$1.0 Mil - \$2.0 Mil / year
Estimated Target Price/Unit Cost Information:	Lots of different line items for this product.
Delivery Requirements:	
When is it needed by? (Immediate, 30 days, 6 months, etc.)	Immediate
Describe packaging requirements (i.e. individually/group packaging, etc.)	Pallet and trucking
Where will this item be shipped?	Colorado, Utah, Nebraska, and Wyoming
Additional Comments:	
Is there other information you would like to include?	An RFI was posted on sam.gov requesting information regarding domestic end products and one response was received. A manufacturer responded indicating circuit breaker components are manufactured in foreign countries. Based on the market research conducted, there are no known suppliers of domestic end products of circuit breaker voltage classes from 15.5-kv through 362-kv.