

MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

Scouting Number	2024-217
Item to be Scouted	Pad-mounted Liquid Filled Transformer
Days to be scouted	45
Response Due By	09/08/2024
Description	Medium voltage transformer step down to building utilization voltage to serve the new proposed building.
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)	The transformer cores are laminated magnetic metals that have circular windings made out of copper wires. The transformer is then impregnated with insulating material. Then as one unit it is submerged into an enclosure that consists of less-flammable fluid and sealed to avoid any material leakage. The transformer exterior enclosure is painted to withstand outdoor climate.
Provide dimensions / size / tolerances / performance specifications for the item	Transformer shall be rated for 750kVA. 15kV-208/120V wye-wye type. Refer to specification section 263210 for MV transformer information.
List required materials needed to make the product, including materials of product components	Transformer has cores made out of laminated soft iron or ferrite material, copper wire windings, fabricated sheet metals for enclosure, less-flammable fluid such as (RTEMP Fluid, Envirotemp FR3, or equivalent), and conservator or radiators to dissipating heat.
Are there applicable certification requirements?	Yes
Certification(s) required	ISO 9001 ,UL
Details	ANSI, ASTM, ADA, AEIC, CSA, IEEE, EEI, EPA, FM, FCC, FIPS Pub 94, ICEA, IBC, IEC, IECC, OSHA, NEC, NESC, NEMA, NFPA
Are there applicable regulations?	Yes
Details	See provided specifications 263210 (1.1) (B.) APPLICABLE STANDARDS for more information.
Are there any other standards, requirements, etc.?	No
NAICS 1	335311 Power, distribution, and specialty transformer manufacturing
NAICS 2	
Additional Technical Comments	

Section 4: Business Information

Estimated potential business volume	1 MV Transformer is needed for this project.
Estimated target price / unit cost information (if unavailable explain)	\$100,000/unit
When is it needed by?	Construction is scheduled to start in February of 2025.
Describe packaging requirements	Palletized

Where will this item be shipped?	Norwich University, Northfield, VT
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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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