

# MEPNN Supplier Scouting Opportunity Synopsis

## Section 1: General Information

Scouting Number	2024-202
Item to be Scouted	Dry-type Isolation Transformer
Days to be scouted	45
Response Due By	09/07/2024
Description	Equipment utilized to reduce harmonics within circuits for harmonic sensitive equipment (tel/data equipment typically).
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 placed into an enclosure and sealed. The transformer enclosure typically includes vents for cooling and venting transformer.
Provide dimensions / size / tolerances / performance specifications for the item	Isolation Transformer shall be 45kVA, 120/208V, 3Ph, 4W and shall be a Nema 1 enclosure. Refer to specification section 263210 for 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, and conservator or radiators to dissipating heat.
Are there applicable certification requirements?	Yes
Certification(s) required	IEEE ,ISO 9001 ,UL
Details	ANSI ASTM ADA AEIC CSA 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. This should also comply with Northfield, VT local building and energy codes.

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 Transformer is required for this project.
Estimated target price / unit cost information (if unavailable explain)	\$3,000 per 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

## 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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