

MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

Scouting Number	2025-101
Item to be Scouted	Micro Refrigeration Compressor
Days to be scouted	45
Response Due By	05/24/2025
Description	Scouting for manufacturers of micro refrigeration units for portable refrigerators.
State item to be used in	Louisiana

Section 2: Technical Information

Type of supplier being sought	Manufacturer
Reason	Re-shore
Describe the manufacturing processes (elaborate to provide as much detail as possible)	See attachment
Provide dimensions / size / tolerances / performance specifications for the item	Equal to or smaller than: 5.5" length, 5" width. Must be able to cool 28"l x 9"d x 5"h device to 34 degrees F and maintain that temp. See attachments. Prior to full product drawings being shared, I request an NDA
List required materials needed to make the product, including materials of product components	See attachment
Are there applicable certification requirements?	Yes
Certification(s) required	UL
Are there applicable regulations?	Yes
Details	Refrigerant regulations/EPA
Are there any other standards, requirements, etc.?	No
Additional Technical Comments	

Section 4: Business Information

Estimated potential business volume	Current Minimum Quantity Order (MQO) overseas is over 1K units. Estimate 2k unit sales by 2027, 7k by 2028
Estimated target price / unit cost information (if unavailable explain)	Best price
When is it needed by?	Q4 2025 or Q1 2026
Describe packaging requirements	Best available. Delivered undamaged.
Where will this item be shipped?	Louisiana

Additional Comments

Is there other information you would like to include?	
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