

MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

Scouting Number	2024-029
Item to be Scouted	Coils for fan coils
Days to be scouted	365
Response Due By	02/06/2025
Description	We are looking for water to air heat exchangers, made of copper tubes and aluminium fins. They are intended to be used in fan coils for residential and commercial appliances.
Notify Requester Immediately	
State item to be used in	South Carolina

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 heat exchangers consist of soldered copper pipes with hydraulic connections, onto which aluminium fins are pressed.
Provide dimensions / size / tolerances / performance specifications for the item	See attached drawing. An exemplary size would be 820x250x130 mm (32x10x5 in), among many other similar dimensions. Standard fin thickness is 0.1 - 0.15mm. Standard pipe diameter is 8-14 mm. It is possible to use US standard dimensions and components instead of the European standards in the drawing.
List required materials needed to make the product, including materials of product components	Copper pipes, copper fittings, brass connectors, aluminium fins
Are there applicable certification requirements?	No
Are there applicable regulations?	No
Are there any other standards, requirements, etc.?	No
NAICS 1	
NAICS 2	
Additional Technical Comments	The heat exchangers should work at 145 psi (10 bar) operating pressure / 189 psi (13 bar) test pressure.

Section 4: Business Information

Estimated potential business volume	Currently about 1500 units per year in 16 different sizes/versions.
Estimated target price / unit cost information (if unavailable explain)	Smallest heat exchangers: \$40/unit; Largest heat exchangers: \$300/unit. Current price for the heat exchanger in the drawing: \$145
When is it needed by?	Immediate
Describe packaging requirements	Open for discussion
Where will this item be shipped?	Anderson, South Carolina

Additional Comments

Is there other information you would like to include?