

ITEM OPPORTUNITY SYNOPSIS

Scouting Number:	2024-108
Name of the item to be scouted:	Heat Pump Water Heaters
State item to be used in:	Illinois

Describe the Item:

Please describe the item application/the end use of the item.	Heat Pump Water Heaters to be used to replace natural gas and/or electric water heaters.
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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	x
Other (Please Specify)	

Summary of Technical Specifications and Performance Requirements:

Describe the manufacturing processes (elaborate to provide as much detail as possible)	Production of water heaters powered by heat pumps. Manufacture of water tank, along with compressor and utilization of refrigerants.
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Provide dimensions / size / tolerances / performance specifications of the item	50 to 200 gallon capacity or tankless. Must use refrigerant with low Global Warming Potential (<700).
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List required materials needed to make the product, including materials of product components, if applicable	Steel tank. Steel and copper piping. Chemical refrigerant.
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Are there applicable certification requirements?	
Yes	
No	x
Please explain:	

Are there any applicable regulations that apply to the production of this item?	
Yes	x
No	
Please explain:	
Must meet U.S. EPA SNAP (https://www.epa.gov/snap) and other requirements. Also, must meet illinois safety requirements.	

Are there any other standards / requirements?	
Yes	
No	x
Please explain:	

NAICS CODES:	
NAICS 1	333415 Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing
NAICS 2	333414 Heating equipment (excluding warm air furnaces) manufacturing

Additional Comments:

Additional technical comments:	
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Volume and Pricing:

Estimated Potential Business Volume (i.e. #units per day, month, year):	10 units in calendar year 2024.
Estimated Target Price/Unit Cost Information:	\$6,000 per unit.

Delivery Requirements:

When is it needed by? (Immediate, 30 days, 6 months, etc.)	2 months.
Describe packaging requirements (i.e. individually/group packaging, etc.)	Individually wrapped and packaged.
Where will this item be shipped?	Cook County, Illinois

Additional Comments:

Is there other information you would like to include?	
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