

ITEM OPPORTUNITY SYNOPSIS

Scouting Number:	2024-007
Name of the item to be scouted:	BABA compliant Unit Heater
State item to be used in:	Maryland

Describe the Item:

Please describe the item application/the end use of the item.	American manufactured BABA-compliant 10 kilowatt (kW) Corrosion Resistant Washdown Unit Heater for use in a sewage pump station replacement project in Maryland.
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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	x
Past supplier no longer available	
New Product Startup	
BABA	
Other (Please Specify)	

Summary of Technical Specifications and Performance Requirements:

Describe the manufacturing processes (elaborate to provide as much detail as possible)	See Additional Technical Comments section below.
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Provide dimensions / size / tolerances / performance specifications of the item	See specifications in Additional Technical Comments section below.
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List required materials needed to make the product, including materials of product components, if applicable	16 gauge type 304 stainless steel case, 316 stainless steel fins
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Are there applicable certification requirements?

Yes	x
No	
Please explain:	UL

Are there any applicable regulations that apply to the production of this item?

Yes	
No	x
Please explain:	

Are there any other standards / requirements?

Yes	
No	x
Please explain:	

Additional Comments:

<p>Additional technical comments:</p>	<p>Forced air with totally enclosed fan motor. The unit heater case shall be constructed of heavy 16 gauge type 304 stainless steel for corrosion resistance and assembled with stainless steel hardware. The heating elements shall be corrosion resistant 300 stainless steel sheathed with 316 stainless steel fins for maximum heat dissipation. The elements are to be attached to junction box with leak resistant stainless steel fittings. A stainless steel combination wall and ceiling swivel type mounting bracket to be supplied with the unit heater. The fan and motor assembly shall include a totally enclosed, permanently lubricated, ball bearing motor, epoxy coated for corrosion resistance. The fan shall be aluminum with corrosion resistant coating, directly connected to the motor, and be dynamically balanced. An epoxy sealed thermal fan delay shall be provided to allow the fan to continue to operate after heating thermostat has been satisfied to maximize transfer of generated heat to space being heated. The fan and motor shall be protected by an adjustable louvered outlet grille to direct flow up or down, painted with one coat zinc chromate primer and two coats of corrosion resistant paint. The controls shall be factory prewired and tested and enclosed in a NEMA 4X molded fiberglass control enclosure mounted beneath the heater cabinet. The control center shall include contactors, automatic reset overtemperature protector, fan delay relay, motor contactor and fused transformer for 24V control circuit. Terminal blocks shall be included for remote thermostat connection. Unit heaters shall have a mode switch accessible from outside the NEMA 4X enclosure to permit air flow</p>
<p>Volume and Pricing:</p>	
<p>Estimated Potential Business Volume (i.e. #units per day, month, year):</p>	<p>1</p>
<p>Estimated Target Price/Unit Cost Information:</p>	<p>unknown</p>
<p>Delivery Requirements:</p>	
<p>When is it needed by? (Immediate, 30 days, 6 months, etc.)</p>	<p>February 2024</p>
<p>Describe packaging requirements (i.e. individually/group packaging, etc.)</p>	<p>Pallet</p>
<p>Where will this item be shipped?</p>	<p>Maryland</p>
<p>Additional Comments:</p>	
<p>Is there other information you would like to include?</p>	<p>Nationwide MEP Supplier Scouting Search requested. Provide written corporate signed self-certification documentation (on company letterhead) in response to the Supplier Scouting request of being a current Build America Buy America compliant unit heater manufacturer. Information on BABA compliance requirements can be found at Made in America Office link https://www.madeinamerica.gov/.</p>