

MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

Scouting Number	2026-279
Item to be Scouted	BABA: Gas Water Heater
Days to be scouted	14
Response Due By	06/24/2026
Description	Need Gas Water Heater similar in form, fit, and function to A.O. Smith Model: BTH-199.

Section 2: Technical Information

Type of supplier being sought	Manufacturer
Reason	BABA
Describe the manufacturing processes (elaborate to provide as much detail as possible)	<p>1. Tank Fabrication Steel plate forming Welding Pressure vessel fabrication</p> <p>2. Heat Exchanger Manufacturing Stainless steel fabrication Tube forming Welding</p> <p>3. Combustion Assembly Burner manufacturing Gas valve installation Safety control integration</p> <p>4. Electronics Manufacturing Control boards Sensors Wiring harnesses User interfaces</p> <p>5. Final Assembly Component installation Testing Calibration Quality control</p>
Provide dimensions / size / tolerances / performance specifications for the item	<p>100 Gallon Capacity 199 MBH Input 97% Thermal Efficiency 294 GPH Recovery 120V, 1 Phase 3-inch CPVC Vent NAICS: 333318 PSC: 4520</p> <p>Approximate Dimensions Diameter: 28–30 inches Height: 76–82 inches Weight Empty Weight: Approximately 500–600 lbs Operating Weight: Approximately 1,300–1,500 lbs</p>

List required materials needed to make the product, including materials of product components	1. Primary Materials Carbon steel Stainless steel Copper Aluminum High-temperature insulation 2. Components Pressure vessel tank Stainless steel heat exchanger Gas burners Gas valves Electronic controls Thermostats Sensors Wiring assemblies Vent adapters Condensate components
Are there applicable certification requirements?	Yes
Certification(s) required	UL
Are there applicable regulations?	Yes
Details	ANSI Z21.10.3 / CSA 4.3 NFPA 54
Are there any other standards, requirements, etc.?	Yes
Details	National Fuel Gas Code NFPA 54 International Fuel Gas Code (IFGC) International Plumbing Code (IPC) Minnesota Plumbing Code ENERGY STAR® (where applicable) AHRI Certification
Additional Technical Comments	Denial of the waiver would likely result in: 1. Schedule Impacts Procurement delays Mechanical redesign Construction delays 2. Cost Impacts Additional engineering costs Re-coordination costs Change order exposure 3. Design Impacts Venting redesign Plumbing redesign Mechanical room modifications

Section 4: Business Information

Estimated potential business volume	2 units for building
Estimated target price / unit cost information (if unavailable explain)	\$12,000-16,000/ each
When is it needed by?	Immediate
Describe packaging requirements	palletized
Where will this item be shipped?	Minneapolis, MN

Additional Comments

Is there other information you would like to include?

The specified A.O. Smith BTH-199 units are highly integrated manufactured products containing numerous globally sourced components that cannot reasonably be separated for domestic content certification purposes.

Substitution would require redesign of coordinated plumbing, venting, electrical, and mechanical systems.

Funding - MHFA (Minnesota Housing Finance Agency)

Point of Contact - Nick Hoelscher, Nick.h@noorcompanies.com