

# MEPNN Supplier Scouting Opportunity Synopsis

## Section 1: General Information

Scouting Number	2025-333
Item to be Scouted	BABA Compliant Exhaust Fans
Days to be scouted	30
Response Due By	10/10/2025
Description	BABA Compliant: Exhaust Fans a. Maximum operating temperatures shall be 130 Fahrenheit (54.4 Celsius)

## Section 2: Technical Information

Type of supplier being sought	d. Fans shall be UL/CUL listed 507 - Electric Fans. Other
Details	e. Each fan shall bear a permanently affixed manufacturer's nameplate containing the model number and individual serial number. BABA compliant self-certified manufacturers
Reason	BABA Colorado
Describe the manufacturing processes (elaborate to provide as much detail as possible)	Domestic components in each of the BABAA compliant manufactured products must exceed 55% of the total component cost and be assembled in the United States.
Provide dimensions / size / tolerances / performance specifications for the item	See attached specs and mechanical schedule for more information.
List required materials needed to make the product, including materials of product components	See attached specs and mechanical schedule for more information.
Are there applicable certification requirements?	Yes
Details	Build America, Buy America Act (BABAA) compliant
Are there applicable regulations?	Yes
Details	Must be able to submit BABAA manufactured product self-certification manufactured product letter that details a compliant product.
Are there any other standards, requirements, etc.?	No
Additional Technical Comments	See attached specs and mechanical schedule for more information.

## Section 4: Business Information

Estimated potential business volume	TBD post selection. Cost should be the best available, and cannot increase the project cost by 25%.
Estimated target price / unit cost information (if unavailable explain)	TBD post selection. Cost should be the best available, and cannot increase the project cost by 25%.
When is it needed by?	Q1 2026
Describe packaging requirements	Must arrive undamaged
Where will this item be shipped?	Colorado

# Additional Comments

Is there other information you would like to include?	<p>Nationwide Search</p> <p>Provide written documentation in response to the Supplier Scouting request of being a current Build America Buy America Act compliant Exhaust Fans manufacturer with experience in manufacturing the system components, meeting the product performance requirements.</p> <p>Information on BABAA compliance requirements can be found at the Made in America Office link <a href="https://www.madeinamerica.gov/">https://www.madeinamerica.gov/</a>.</p>
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- 1) Fan Shaft shall be ground and polished solid steel with an anti corrosive coating.
- 2) Bearing shall be stamped steel or cast pillow block.
- 3) Bearings shall be selected for a minimum L10 life in excess of 100,000 hours (equivalent to L50 average life of 500,000 hours), at maximum cataloged operating speed.
- 4) Bearings shall be air handling quality and shall be 100% factory tested by bearing manufacturer.
- 5) Fan Shaft first critical speed is at least 25 percent over maximum operating speed.
- f. Drive Frame:
  - 1) Drive frame assemblies shall be galvanized steel, and bolted construction.
  - 2) Drive frame shall have formed channels and fan panels shall have prepunched mounting holes, formed flanges and a deep formed one piece inlet venturi.
- a. Disconnect Switches:
  - 1) Disconnect shall be:
    - a) NEMA 1: indoor application no water: factory standard
- b. Drive Assembly:
  - 1) Belts, pulleys, and keys shall be oversized for a minimum of 150 percent of driven horsepower.
  - 2) Belts shall be Static free and oil resistant.
  - 3) Shall have fully machined cast iron pulleys, keyed and securely attached to the wheel and motor shafts.
  - 4) The motor pulley shall be adjustable for final system balancing.
  - 5) Motor shall be readily accessible for maintenance.
- c. Options/Accessories:
  - 1) Closure Angles:
    - a) Provide extra set of mounting flanges for field installation to close off the interior wall opening for a finished appearance.

**2.2 CEILING FANS**

**A. Direct Drive Premium Ceiling Mounted Centrifugal Exhaust Fans:**

1. Manufacturer:
  - a. Fans shall meet model numbers, types, sizes, capacities, and electrical characteristics as indicated on the contract drawings. Acceptable manufacturers: Greenheck, Cook, Penn Ventilator or Twin City Blower Company.
2. General:
  - a. Maximum operating temperatures shall be 130 Fahrenheit (54.4 Celsius).
  - b. Sound levels shall be as low as 0.7 AMCA sones.
  - c. Shall be UL/cUL listed for above bathtub exhaust.
  - d. Fans shall be UL/cUL listed 507 - Electric Fans.
  - e. Each fan shall bear a permanently affixed manufacturer's nameplate containing the model number and individual serial number.
3. Wheel:

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- a. Shall be forward curved centrifugal wheel.
- b. Shall be constructed of galvanized steel or calcium carbonate filled polypropylene.
- c. Shall be statically and dynamically balanced in accordance to AMCA Standard 204-05.
- 4. Motors:
  - a. Motor enclosures shall be open dripproof (ODP), opening in the frame body and or end brackets.
  - b. Motor shall be permanently lubricated sleeve bearing type to match with the fan load and furnished at the specific voltage and phase.
  - c. Motor shall be mounted on vibration isolators and be accessible for maintenance.
  - d. Shall come with thermal overload protection.
- 5. Housing:
  - a. Shall be constructed of heavy gauge galvanized steel.
  - b. Interior shall be lined with 0.5 inches of acoustical insulation.
  - c. Profile shall be as low as 10 ½ inches.
- 6. Provide Spring Loaded Aluminum Backdraft Damper:
- 7. Outlet:
  - a. Shall be field rotatable from horizontal to vertical discharge.
  - b. Duct collar shall include an aluminum backdraft damper.
- 8. Grille:
  - a. Types: Aluminum
  - b. Shall be constructed of high impact polystyrene for sizes 50 thru 390, plastic shall be factory standard on unit under 390.
  - c. Shall be constructed of aluminum non-yellowing for sizes 410 thru 1550, aluminum shall be factory standard on units over 410.
- 9. Provide External Electrical Access:
  - a. Shall eliminate removing the motor pack on installation.
- 10. Mounting Brackets:
  - a. Shall be adjustable for multiple installation conditions.
- 11. Options/Accessories:
  - a. Ceiling Radiation Damper:
    - 1) UL classified and shall be rated for three to four hours fire resistance.
    - 2) Shall be mounted directly beneath the fan.
    - 3) Shall adhere National Fire Protection Association (NFPA), Standard 90A, which requires the opening in fire rated ceiling/floors to be protected by rated CRD's.
  - b. Disconnect Switches:
    - 1) Disconnect shall be: <<select one of the following, consult rep. for exact type applicable to your project.>>:
      - a) NEMA 1: indoor application no water: factory standard
  - c. Wall Discharge:
    - 1) Type: Square/Rectangular Connection, hooded wall cap model WC.

**2.3 CENTRIFUGAL SQUARE INLINE CABINET FANS**

**A. Direct Driven Backward Inclined Inline Fans:**