

MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

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| Scouting Number | 2025-339 |
| Item to be Scouted | BABA Compliant Pressure Gages |
| Days to be scouted | 30 |
| Response Due By | 10/10/2025 |
| Description | BABA Compliant: Direct-Mounted, Metal-Case, Dial-Type Pressure Gages: 1. Standard: ASME B40.100 |

Section 2: Technical Information

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| Type of supplier being sought | 3. Pressure-Element Assembly: Bourdon tube unless otherwise indicated. Other |
| Details | 4. Pressure Connection: Brass, with NPS 1/4, ASME B1.20.1 pipe threads and bottom outlet type unless back outlet type is indicated. |
| Reason | 5. Movement: Mechanical, with link to pressure element and connection to pointer. BABA |
| Describe the manufacturing processes (elaborate to provide as much detail as possible) | 6. Dial: Nonreflective aluminum with permanently etched scale markings graduated in PSI. Domestic components in each of the BABA 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 | 7. Pointer: Dark-colored metal. See attached specs and mechanical schedule for more information. 8. Window: Glass or plastic. |
| List required materials needed to make the product, including materials of product components | 9. Ring: Metal. 10. Accuracy: Grade B, plus or minus 2 percent of middle half of scale range. See attached specs and mechanical schedule for more information. |
| Are there applicable certification requirements? | Colorado 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

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| 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

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| 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 Pressure Gages Components 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 https://www.madeinamerica.gov/.</p> |
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Division 22 - Plumbing

- F. Stem: 0.25 or 0.375 inch in diameter; stainless steel.
- G. Window: Plain glass or plastic.
- H. Ring: Stainless steel.
- I. Element: Bimetal coil.
- J. Pointer: Dark-colored metal.
- K. Accuracy: Plus or minus 1.5 percent of scale range.

2.2 PRESSURE GAGES

A. Direct-Mounted, Metal-Case, Dial-Type Pressure Gages:

- 1. Standard: ASME B40.100.
- 2. Case: Sealed type(s); cast aluminum or drawn steel; 4-1/2-inch nominal diameter.
- 3. Pressure-Element Assembly: Bourdon tube unless otherwise indicated.
- 4. Pressure Connection: Brass, with NPS 1/4, ASME B1.20.1 pipe threads and bottom-outlet type unless back-outlet type is indicated.
- 5. Movement: Mechanical, with link to pressure element and connection to pointer.
- 6. Dial: Nonreflective aluminum with permanently etched scale markings graduated in psi.
- 7. Pointer: Dark-colored metal.
- 8. Window: Glass or plastic.
- 9. Ring: Metal.
- 10. Accuracy: Grade B, plus or minus 2 percent of middle half of scale range.

2.3 GAGE ATTACHMENTS

- A. Snubbers: ASME B40.100, brass; with NPS 1/4, ASME B1.20.1 pipe threads and porous-metal-type surge-dampening device. Include extension for use on insulated piping.
- B. Valves: Brass ball, with NPS 1/4, ASME B1.20.1 pipe threads.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Install direct-mounted pressure gages in piping tees with pressure gage located on pipe at the most readable position.
- B. Install valve and snubber in piping for each pressure gage for fluids.
- C. Install thermometers in the following locations:
 - 1. Leaving the domestic hot water heater(s).
- D. Install pressure gages in the following locations: