

# MEPNN Supplier Scouting Opportunity Synopsis

## Section 1: General Information

Scouting Number	2024-375
Item to be Scouted	Natural Gas Pipeline Rupture Mitigation Valves (RMV)
Days to be scouted	90
Response Due By	02/25/2025
Description	<p>Three (3) 16-inch natural gas pipeline rupture mitigation valves ("RMV"), specifically: valve, ball, 16", ANSI 300, welded, full port, trunnion mounted, carbon steel, with BIFFI high pressure pneumatic actuation &amp; 8'-2" extension, hub to match .375 w.t. (gr.b) pipe, actuator w/local &amp; remote control, gig, model 3S-175-MHP-175</p> <p>These valves will be used by a natural gas transmission company.</p>
Notify Requester Immediately	
State item to be used in	Kansas

## Section 2: Technical Information

Type of supplier being sought	Manufacturer
Reason	BABA
Describe the manufacturing processes (elaborate to provide as much detail as possible)	Casting of valve body and bonnet. Machining of ball and internals. Assembled and tested to API 6D and ASME B16.34. The valve, actuator, and extension fabricated per SSCGP Engineering Specifications.
Provide dimensions / size / tolerances / performance specifications for the item	<p>Valve, ball, 16", ANSI 300, welded, full port, trunnion mounted, carbon steel, with BIFFI high pressure pneumatic actuation &amp; 8'-2" extension, hub to match .375 w.t. (gr.b) pipe, actuator w/local &amp; remote control, gig, model 3S-175-MHP-175</p> <p>Comply with API6D and ASME B16.34, for a 16" nominal diameter ANSI 600. Welded body ball valve with rotating seats for underground service. Also, actuator must meet DOT 192.634.</p>
List required materials needed to make the product, including materials of product components	Steel, rubber, graphite, Teflon.
Are there applicable certification requirements?	Yes
Details	Comply with API6D and ASME B16.34, for a 16" nominal diameter ANSI 600. Welded body ball valve with rotating seats for underground service. Also, actuator must meet DOT 192.634.
Are there applicable regulations?	Yes
Details	Needs to be compliant with PHMSA regulations. Specifically, 49 CFR §192.179.
Are there any other standards, requirements, etc.?	Yes
Details	Comply with API6D and ASME B16.34, for a 16" nominal diameter ANSI 600. Welded body ball valve with rotating seats for underground service. Also, actuator must meet DOT 192.634.
NAICS 1	486210 Pipeline Transportation of Natural Gas
NAICS 2	
Additional Technical Comments	

## Section 4: Business Information

Estimated potential business volume	One-time purchase of three (3) total valves
Estimated target price / unit cost information (if unavailable explain)	\$62,699 per RMV
When is it needed by?	Within 2 weeks of Project Construction Start Date (not determined as yet)
Describe packaging requirements	Individually palletized
Where will this item be shipped?	Lawrence, Kansas

## Additional Comments

Is there other information you would like to include?	<p>For BABA related questions</p> <p>Agency - Federal Highway Authority (FHWA) Contact - Richard Jurey, Program Delivery Team Leader, Federal Highway Administration, Kansas Division richard.jurey@dot.gov</p> <p>please cc scouting@nist.gov on all communication.</p>
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