

ITEM OPPORTUNITY SYNOPSIS

Scouting Number:	2024-013
Name of the item to be scouted:	Gas Pipeline Pressure Regulators
State item to be used in:	Virginia

Describe the Item:

<p>Please describe the item application/the end use of the item.</p>	<p>Our grantee is seeking 4 types of gas regulators to be used in a municipal gas distribution system. Regulators are typically used to down-regulate pressure from the higher pressure of a main or service line to the lower pressure required inside homes for heating or cooking. Grantee is seeking regulators with the following specifications, or equivalent: 90 Degree - B42R Spring-loaded, self-operated regulator with full internal relief valve Body: 90 degree bend, 3/4-inch inlet, 1-inch outlet Orifice: 1/4-inch Relief Outlet: 1-inch Maximum Allowable Operating Pressure (MAOP): 125 Pounds per Square Inch Gauge (PSIG) Spring Range: 5-inch Water Column (W.C.) to 9-inch Water Column (W.C.) 1813-B Spring-loaded, self-operated regulator with full internal relief valve Body: 2-inch Orifice: 1/4-inch Relief Outlet: 1-inch MAOP: 125 Pounds per Square Inch Gauge (PSIG) Spring Range: 8.5-inch Water Column (W.C.) – 15-inch Water Column (W.C.) 1813-C Spring-loaded, self-operated regulator with full internal relief valve Body: 1-inch Orifice: 1/8-inch x 3/16-inch Relief Outlet: 1-inch MAOP: 125 Pounds per Square Inch Gauge (PSIG) Spring Range: 5.5-inch Water Column (W.C.) – 8.5-inch Water Column (W.C.) FE 25 S Spring-loaded, self-operated regulator with internal relief valve and slam-shut valve Body: 90 degree, 3/4-inch inlet, 1-inch outlet Orifice: STD Relief Setpoint: 12-inch Water Column (W.C.) Spring Range: 6-inch Water Column (W.C.) to 8-inch Water Column (W.C.) High Pressure Cutoff: 19-inch Water Column (W.C.)</p>
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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	
Past supplier no longer available	
New Product Startup	
BABA	x
Other (Please Specify)	

Summary of Technical Specifications and Performance Requirements:

<p>Describe the manufacturing processes (elaborate to provide as much detail as possible)</p>	<p>Unknown</p>
<p>Provide dimensions / size / tolerances / performance specifications of the item</p>	<p>90 Degree - B42R Spring-loaded, self-operated regulator with full internal relief valve Body: 90 degree bend, 3/4-inch inlet, 1-inch outlet Orifice: 1/4-inch Relief Outlet: 1-inch MAOP: 125 PSIG Spring Range: 5-inch W.C. to 9-inch W.C. 1813-B Spring-loaded, self-operated regulator with full internal relief valve Body: 2-inch Orifice: 1/4-inch Relief Outlet: 1-inch MAOP: 125 PSIG Spring Range: 8.5-inch W.C. – 15-inch W.C. 1813-C Spring-loaded, self-operated regulator with full internal relief valve Body: 1-inch Orifice: 1/8-inch x 3/16-inch Relief Outlet: 1-inch MAOP: 125 PSIG Spring Range: 5.5-inch W.C. – 8.5-inch W.C. FE 25 S Spring-loaded, self-operated regulator with internal relief valve and slam-shut valve Body: 90 degree, 3/4-inch inlet, 1-inch outlet Orifice: STD Relief Setpoint: 12-inch W.C. Spring Range: 6-inch W.C. to 8-inch W.C. High Pressure Cutoff: 19-inch W.C.</p>
<p>List required materials needed to make the product, including materials of product components, if applicable</p>	<p>Regulators are typically made of brass, plastic, and aluminum. Sometimes steel.</p>

Are there applicable certification requirements?	
Yes	
No	x
Please explain:	
Are there any applicable regulations that apply to the production of this item?	
Yes	x
No	
Please explain:	Regulators must be compliant with the Build America, Buy America Act and associated regulations at 2 C.F.R. Part 184.
Are there any other standards / requirements?	
Yes	
No	x
Please explain:	
Additional Comments:	
Additional technical comments:	
Volume and Pricing:	
Estimated Potential Business Volume (i.e. #units per day, month, year):	Unknown
Estimated Target Price/Unit Cost Information:	Prices range from \$78 to \$714 depending on model and size
Delivery Requirements:	
When is it needed by? (Immediate, 30 days, 6 months, etc.)	As soon as possible
Describe packaging requirements (i.e. individually/group packaging, etc.)	None.
Where will this item be shipped?	Charlottesville, Virginia initially, but we may have need for regulators nationwide.
Additional Comments:	
Is there other information you would like to include?	