

ITEM OPPORTUNITY SYNOPSIS

Scouting Number:	2024-119
Name of the item to be scouted:	Die Cast Aluminum Housing for Gas Regulator
State item to be used in:	West Virginia
Describe the Item:	
Please describe the item application/the end use of the item.	This item is used as the "body" of a Gas Regulator which needs to have extremely low porosity levels in order to control the pressure of natural gas effectively.
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	
Other (Please Specify)	Decrease lead time, increase domestic supply chain, decrease language barrier.
Summary of Technical Specifications and Performance Requirements:	
Describe the manufacturing processes (elaborate to provide as much detail as possible)	High Pressure Aluminum Die Casting on a 500-900-ton machine, depending on the number of cavities.
Provide dimensions / size / tolerances / performance specifications of the item	Please contact david.carrick@mail.wvu.edu to receive the client's non-disclosure agreement. Once signed, prints will be provided.
List required materials needed to make the product, including materials of product components, if applicable	A380 & A381 are accepted alternative materials from what is listed on the drawing.
Are there applicable certification requirements?	
Yes	x
No	
Please explain:	ISO 9001
Are there any applicable regulations that apply to the production of this item?	
Yes	
No	x
Please explain:	
Are there any other standards / requirements?	
Yes	
No	x
Please explain:	
NAICS CODES:	
NAICS 1	331523 Nonferrous Metal Die-Casting Foundries
NAICS 2	
Additional Comments:	
Additional technical comments:	A supplier that specializes in high-quality high-pressure aluminum die casting.
Volume and Pricing:	
Estimated Potential Business Volume (i.e. #units per day, month, year):	130,000 pieces annually
Estimated Target Price/Unit Cost Information:	\$3.00 per piece
Delivery Requirements:	
When is it needed by? (Immediate, 30 days, 6 months, etc.)	No strict requirements, as soon as possible
Describe packaging requirements (i.e. individually/group packaging, etc.)	Gaylord on top of pallet or crated
Where will this item be shipped?	Weirton, WV

Additional Comments:

Is there other information you would like to include?

Item is being scouted to decrease lead time and decrease domestic supply chain. Client would prefer a supplier within a 6 hour radius of Weirton, WV, but is also willing to work with providers outside that radius.