

MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

Scouting Number	2024-019
Item to be Scouted	Steel Caster Capability
Days to be scouted	60
Description	n/a
State item to be used in	Illinois

Section 2: Technical Information

Type of supplier being sought	Manufacturer
Reason	Re-shore
Describe the manufacturing processes (elaborate to provide as much detail as possible)	For ferrous steel casting in machinery manufacturing, the process involves investment casting of Hadfield Manganese steel to form a machinery part. The final steps include cleaning, inspection, and potential additional processes like heat treatment or final machining to meet machinery specifications.
Provide dimensions / size / tolerances / performance specifications for the item	See attachment for corresponding parts. A - 30.6 Kilograms B - 5.5 Kilograms C - 0.6 Kilograms
List required materials needed to make the product, including materials of product components	Hadfield manganese (11-14% manganese steel)
Are there applicable certification requirements?	No
Are there applicable regulations?	No
Are there any other standards, requirements, etc.?	No
Additional Technical Comments	If there is any relevant companies who are interested please email me in real time.

Section 3: Business Information

Estimated potential business volume	Quantity: 500-5,000 pieces
Estimated target price / unit cost information (if unavailable explain)	n/a
When is it needed by?	2-3 months
Describe packaging requirements	n/a
Where will this item be shipped?	Illinois

Additional Comments

Is there other information you would like to include?	If there is any relevant companies who are interested please email me in real time.
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