

# MEPNN Supplier Scouting Opportunity Synopsis

## Item Information

Scouting Number	2023-108
Item to be Scouted	100kg & 250kg Stackable Cylinder Weight
Days to be scouted	30
Description	1ea 100kg Stackable Cylinder Weight to OIML R 111-1 Class F1 specification 1ea 250kg Stackable Cylinder Weight to OIML R 111-1 Class F1 specification
State item to be used in	Michigan

## Contact Information

Email	
First Name	
Last Name	
Department / Company / MEP Center	Environmental Protection Agency, U.S.
Bureau / Division / MEP Center Regional Office	Office of Air and Radiation (OAR)

## Supplier Information

Type of supplier being sought	Manufacturer
Reason	Other
Details	Buy America (New Product Startup)

## Summary of technical specifications and performance requirements

Describe the manufacturing processes (elaborate to provide as much detail as possible)	Machine Austenitic stainless steel to shape and mass specified in the drawing Fabricate a Hardwood shipping and storage case for each weight
Provide dimensions / size / tolerances / performance specifications for the item	The 100kg Stackable Cylinder Weight shall be 100kg +/- 500 mg The 250kg Stackable Cylinder Weight shall be 100kg +/- 1250 mg
List required materials needed to make the product, including materials of product components	Austenitic stainless steel for the Stackable Cylinder Weigh with the following specifications: 1. Density between 7.39 to 8.73 kg per cubic meter 2. Maximum Magnetic susceptibility less than 0.2 3. Magnetization, M, expressed in terms of the polarization should not exceed 25 uT 4. Surface roughness of Rz less than 1um  Hardwood and wood fasteners/glue for the shipping and storage case
Are there applicable certification requirements?	No
Are there applicable regulations?	No
Additional Technical Comments	

## Volume and Pricing

Estimated potential business volume	1 unit at 100kg and 1 unit at 250kg
Estimated target price / unit cost information (if unavailable explain)	\$11000 for the 100kg Stackable Cylinder Weight \$16000 for the 250kg Stackable Cylinder Weight

## Delivery Requirements

When is it needed by?	90 days after receipt of order
Describe packaging requirements	Hardwood transport and storage case, with forklift capability
Where will this item be shipped?	Ann Arbor MI

## Additional Comments

Is there other information you would like to include?	Specifications are in accordance with the Mass Drawing.pdf
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