

MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

Scouting Number	2025-186
Item to be Scouted	120"+ Length Shafts
Days to be scouted	365
Response Due By	06/04/2026
Description	Shafts for use in Readco Kurimoto, LLC Continuous Processor, mixing applications range from industrial chemical, food and beverage, building materials, to pharmaceuticals.

Section 2: Technical Information

Type of supplier being sought	Pennsylvania Manufacturer
Reason	2nd Supplier
Describe the manufacturing processes (elaborate to provide as much detail as possible)	<ol style="list-style-type: none">1. Purchase material in condition A2. Cert. material required for shaft3. After mach. & straightening, heat treat to cond. h1075 (32-39 rc). Hang shaft vertically during heat treating to min. distortion. Preheat as req'd to bring up to hardening temp. Hardening temp. = 1075°F +/- 15° Hardening time at temp. = 4 hrs Air cool to 90°F Shaft must be straight after heat treating- max. t.i.r. = .0054. Cert. &/or oven charts of proper heat treating req'd5. Shafts subject to straightening must be dye penetrant examined (pre & post heat treating).6. 63 RA finish all over unless noted otherwise
Provide dimensions / size / tolerances / performance specifications for the item	shaft length is 120" with a max of 4" diameter.
List required materials needed to make the product, including materials of product components	17-4 PH round bar in condition A, will also require a pressed on inner bearing race; will supply bearing race part number when ordering.
Are there applicable certification requirements?	No
Are there applicable regulations?	No
Are there any other standards, requirements, etc.?	No
Additional Technical Comments	Hardness and straightness are essential to the function of the shafts. Some orders may include requirements to shot peen or cryogenic treatment of shafts.

Section 4: Business Information

Estimated potential business volume	minimum 2
Estimated target price / unit cost information (if unavailable explain)	qty 2 = \$13,500.00
When is it needed by?	as quickly as vendor lead times will allow. Demand can vary year to year.
Describe packaging requirements	individually packaged, typically in wooden crates with foam or wood support structure.
Where will this item be shipped?	Readco Kurimoto is based in York, PA Shafts would be shipped to us before being sent to customers.

Additional Comments

Is there other information you would like to include?	Suggestions for modification/changes to manufacturing process are welcome. Currently we are working to purchase 6 of these shafts. From year to year this will vary as customer demand changes. Readco Kurimoto does manufacture smaller and larger machines and furture order could be for smaller or larger shafts. Minimum order would be 2.
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