

## Supplier Scouting Opportunity 2023-038

**Item to be scouted:** Machining Services (Customer Supplied Material)

**Days:** 30

**Item description:** Various parts for machining. Company manufactures irradiation detector instrumentation used in nuclear reactors.

**NAICS code:** 334220

### Technical Information

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### Supplier Information

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**Type of supplier being sought:**

**Manufacturer Reason for scouting submission:** 2nd supplier

### Summary of technical specifications and performance requirements

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**Describe the manufacturing processes (elaborate to provide as much detail as possible):** Seeking machining services using customer supplied material and customer supplied drawings. Matched company must have a documented Quality System for maintaining material traceability.

**Provide dimensions / size / tolerances / performance specifications for the item:** Wide variety of parts requiring milling, tuning, drilling, tapping, grinding etc.

Machining to typical machining tolerances as follows for various parts.

- Up to +/- 0.001". Maximum OD 7", Maximum Length 70"
- Up to +/- 0.001". Maximum OD 4.5", Maximum Length 60"
- Up to +/- 0.005". Maximum OD 6", Maximum Length 70"

### List required materials needed to make the product, including materials of product components:

Customer will supply material for machining services.

Materials to be machined: Aluminum, Stainless Steel, Titanium, Nickel Iron, Magnesium, High Density Polyethylene (not an all-inclusive list). Matched company must have a documented Quality System for maintaining material traceability.

**Are there applicable certification requirements?:** Require suppliers to have a documented Quality System for maintaining traceability of customer supplied material. Require suppliers to provide a Certificate of compliance to customer PO requirements.

**Are there applicable regulations?:** Certification to Quality Standard is desired (i.e. ISO-9001, AS-9100 etc.) but not required. Supplier must have a documented Quality Program that accounts for traceability of customer supplied material. Customer will require an On-Site QA System survey to be performed on a

triennial basis to suppliers prescribed Quality Program. Select contracts will require compliance to Government FAR/DFAR requirements.

**Are there any other standards, requirements, etc.?:** N/A

**Additional Comments:** Items must meet customer supplied drawings. All items will be subject to customer receipt inspection for acceptance.

#### **Business Information**

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#### **Volume and pricing**

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**Estimated potential business volume:** Customer has been in business for 50+ years and is a high variety low volume type business. We seek a wide variety of different machined parts.

**Estimated target price / unit cost information (if unavailable explain):** There is a wide variety of parts for machining. Price will need to be estimated based on part complexity and volume of parts.

#### **Delivery requirements**

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**When is it needed by?:** Customer has been in business for 50+ years and is seeking new sources of machined parts services.

**Describe packaging requirements:** Typical packaging requirements. Finished parts must be packaged to prevent damage and mitigate contamination. Parts must be clearly segregated, identified, traceable to customer order, and customer supplied material.

**Where will this item be shipped?:** Ship to company located in Horseheads, NY

#### **Additional comments**

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**Is there other information you would like to include?:** Company manufactures irradiation detector instrumentation used for nuclear reactors, a regulated industry, which is governed by regulatory and government contracts.