

# MEPNN Supplier Scouting Opportunity Synopsis

## Section 1: General Information

Scouting Number	2024-335
Item to be Scouted	Rolled Thread Screw Parts
Days to be scouted	20
Response Due By	11/05/2024
Description	We are looking for additional U.S.-based suppliers capable of fabricating precision rolled thread screws. The current supplier is single-sourced and will not meet CMMC Level 2 compliance. This is an opportunity for a reliable supplier to become a secondary source, with potential future programs.
Notify Requester Immediately	No
State item to be used in	California

## Section 2: Technical Information

Type of supplier being sought	Manufacturer
Reason	2nd Supplier
Describe the manufacturing processes (elaborate to provide as much detail as possible)	Thread rolling, Swiss screw machining, bar feed capabilities, in-house grinding, passivation, and heat treatment.
Provide dimensions / size / tolerances / performance specifications for the item	Thread Sizes: .086-56 UNS, .112-40 UNS, Up to .250 UNS
List required materials needed to make the product, including materials of product components	Screw Material: PH13-8M0, 17-4PH Nut Material: Nickel Aluminum Bronze, Beryllium Copper
Are there applicable certification requirements?	No
Are there applicable regulations?	No
Are there any other standards, requirements, etc.?	No
NAICS 1	332722 Bolt, nut, screw, rivet, and washer manufacturing
NAICS 2	332721 Precision turned product manufacturing
Additional Technical Comments	

## Section 4: Business Information

Estimated potential business volume	Potential volume to be determined in negotiation.
Estimated target price / unit cost information (if unavailable explain)	Annual Spend: Approximately \$250,000
When is it needed by?	Timeline: Supplier approval within 2 months
Describe packaging requirements	Standard. Should arrive undamaged. Additional packaging requirements determined in negotiations.
Where will this item be shipped?	California

## Additional Comments

Is there other information you would like to include?

# Rolled Thread Screw Parts

**Ask: looking to onboard additional suppliers with the capability to fabricate precision drive screw components**

- The incumbent supplier is single-sourced and will not become CMMC L2 cyber compliant.
- The client has difficulty finding new suppliers due to the size of the parts they need.
- The current and projected annual spend is approximately \$250K/Year.
- The parts are build to print.
- Customer approval of new supplier will be required due to the baseline frozen process.
- No anticipated design changes. However, the client would also be looking for future programs based on a range of requirements.
- Desired timeline is within the next 2 months.
- The RTS parts are for metal use.

Supplier Requirements
<ul style="list-style-type: none"><li>• ITAR certified</li><li>• Cyber compliance</li><li>• ISO quality requirement</li><li>• Special processes, such as heat treatment, passivation, etc., need NADCAP certification</li><li>• Process baseline freeze procedures</li><li>• Desired supplier capabilities:<ul style="list-style-type: none"><li>• U.S based manufacturer</li><li>• Thread rolling to keep unit cost low</li><li>• Swiss screw machine or bar feed capabilities</li><li>• In house grinding preferred</li><li>• In house passivation and heat treatment preferred</li><li>• Provide matched sets if required</li></ul></li></ul>

Drive Screw Information	
Screw Material	PH13-8M0 H-950 to H-1150 (47 HRC) 17-4PH H-1025 to H-1150 (38 HRC)
Nut Material	Nickle Aluminum Bronze (248 HB) Beryllium Copper (45 HRC)
Thread Sizes	.086-56 UNS, 3-Start .112-40 UNS, 4-Start Up to .250 UNS
Program A	24717-002 (nut) 28152-002 (screw)
Program B	50329-001 (nut) 50328-001 (screw)