

ITEM OPPORTUNITY SYNOPSIS

Scouting Number: 2023-177
Name of the item to be scouted: Supplier with Machining Capability
State item to be used in: Missouri

Describe the Item:

Please describe the item application/the end use of the item.

A company in Kansas City, Missouri is looking for other companies to manufacture the parts that make up their products and provide material for these pieces. They are looking for companies that have the capabilities to do 4-slide machining, metal stamping, insulator stamping, and precision machinery using progressive dies. They want to know who is capable of doing these things, then they will send them a list of parts to make, have them created and returned to the company to complete the build of each product.

Supplier Information:

Type of Supplier Being Sought (select from the list below):

Manufacturer
Contract Manufacturer
Distributor
Other (Please Specify)

Reason for Scouting Submission (select from the list below)

2nd Supplier
Price
Re-Shore
Past supplier no longer available
New Product Startup
BABA
Other (Please Specify)

Summary of Technical Specifications and Performance Requirements:

Describe the manufacturing processes (elaborate to provide as much detail as possible)

Metal stamping manufacturing process Blanking-In this initial step, a flat metal sheet or coil is cut into specific shapes known as blanks. This process is often performed using a die and a punch. Punching- is used to cut holes or other features in the metal using punch machines 30-600 Tons. Bending- Bending operations use a press brake or a similar machine to deform the metal sheet or part to achieve the desired shape. The metal may be bent at multiple points to create complex geometries.

Provide dimensions / size / tolerances / performance specifications of the item

Supplier shall perform First Article Inspection (FAI) - First Time product, Change of Engineering design, Change manufacturing sources...etc. Supplier must provide FAI samples with marked up print of critical dimensions. ** All suppliers must complete and sign a Mutual Confidentiality and Non-Disclosure Agreement (NDA) before communicating with specific details of engineering drawings, engineering models and pertinent information.

List required materials needed to make the product, including materials of product components, if applicable

Common metals used include Galvanized/Cold Roll steel, aluminum, copper, and stainless steel.

Are there applicable certification requirements?

Yes
No

Please explain:

In some cases, UL regulations is required. Additional certifications may be required

Are there any applicable regulations that apply to the production of this item?

Yes
No

Please explain:

Are there any other standards / requirements?

Yes
No

Please explain:

Quality Control- Throughout the process, quality control measures need to be implemented to ensure that the stamped parts meet specified tolerances and quality standards. In some cases, fixtures may be provided for go-no go gauging.

Additional Comments:

Additional technical comments:

Volume and Pricing:

Estimated Potential Business Volume (i.e. #units per day, month, year):

It can range from 1000 parts to 2,000,000 parts a year.

Estimated Target Price / Unit Cost Information:

Best fair estimate

Delivery Requirements:

When is it needed by? (Immediate, 30 days, 6 months, etc)

2024

Describe packaging requirements (i.e. individually / group packaging, etc)

All packaged products should have adequate packaging to ensure product quality upon arrival. ** See additional comments section ** The maximum weight of any box carton should be no more than 50 lbs.... Otherwise need to be packaged into a crate for forklift material moving.

Where will this item be shipped?

Multiple facilities, including: Kansas City, MO 64120 Concordia, MO 64020 El Dorado, AR 71730

Additional Comments:

Is there other information you would like to include?

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