

ITEM OPPORTUNITY SYNOPSIS

Scouting Number:	2024-055
Name of the item to be scouted:	Aluminum Fabrications
State item to be used in:	Indiana

Describe the Item:

<p>Please describe the item application/the end use of the item.</p>	<p>Requesting additional Metal Fabricator sources, with preference for a Midwest, Mid-Central or Mideastern US location; Must have capability to fabricate large sheet aluminum. These fabrications are aluminum blade boxes for the aerospace and defense industries, and mainly used in helicopters and drones. The laser cut aluminum can range from 12-40 feet in length. Aluminum thickness ranges from 0.090-0.125 inches. Following the laser cutting, the material will require forming via a brake press. Customer orders are typically for a project and customized.</p>
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Supplier Information:

Type of Supplier Being Sought (select from the list below):	
Manufacturer	x
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)	Looking for additional supply source(s) due to forecasted demand increase.

Summary of Technical Specifications and Performance Requirements:

<p>Describe the manufacturing processes (elaborate to provide as much detail as possible)</p>	<p>Aluminum Sheet laser cutting and brake press forming.</p>
<p>Provide dimensions / size / tolerances / performance specifications of the item</p>	<p>Laser cutting will usually be for 8 x 20 square feet sheets and brake press forming will usually be for 20-24 foot pcs. Majority of the material to be cut and formed is typically 5052 Aluminum; there will be a lesser need for 6061 Alum material to be laser cut and formed. Aluminum thickness ranges from 0.090-0.125 inches. Material certifications will be required. Other technical specifications and drawings are provided based on the custom order received.</p>
<p>List required materials needed to make the product, including materials of product components, if applicable</p>	<p>Majority of the material to be cut and formed is typically 5052 Aluminum; there will be a lesser need for 6061 Alum material.</p>

Are there applicable certification requirements?	
Yes	
No	x
Please explain:	

Are there any applicable regulations that apply to the production of this item?	
Yes	
No	x
Please explain:	

Are there any other standards / requirements?	
Yes	
No	x
Please explain:	

Additional Comments:

Additional technical comments:	
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Volume and Pricing:

Estimated Potential Business Volume (i.e. #units per day, month, year):	10-50 blade boxes (sets) annually
Estimated Target Price/Unit Cost Information:	N/A; Orders are customer and project specific. Costs are determined by the order and subsequent quotes requested.
Delivery Requirements:	
When is it needed by? (Immediate, 30 days, 6 months, etc.)	Within next 3-9 months
Describe packaging requirements (i.e. individually/group packaging, etc.)	Packaging and shipping requirements to be provided or discussed upon confirming qualified supply.
Where will this item be shipped?	Richmond, IN
Additional Comments:	
Is there other information you would like to include?	Company is a premier provider for the Aerospace and Defense industries, and one of the top designers and producers of Cabs, Lift Gates, and Returnable Containers.