

## ITEM OPPORTUNITY SYNOPSIS

<b>Scouting Number:</b>	2024-162
<b>Name of the item to be scouted:</b>	Tooling Services - Plastic Injection Molds
<b>State item to be used in:</b>	Montana

### Describe the Item:

<b>Please describe the item application/the end use of the item.</b>	A client in Montana would like to identify tool makers to manufacture injection-molds of various sizes and types. Companies in the region would be best, but we'll take suggestions from anywhere.
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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	x
Price	
Re-Shore	
Past supplier no longer available	
New Product Startup	
BABA	
Other (Please Specify)	

### Summary of Technical Specifications and Performance Requirements:

<b>Describe the manufacturing processes (elaborate to provide as much detail as possible)</b>	Tool room manufacturing capabilities to include manual and CNC lathes, 3 and 5 axis machines, Electrical Discharge Machine (EDM) machines, and surface polishing capabilities.
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<b>Provide dimensions / size / tolerances / performance specifications of the item</b>	Custom. Based on specific mold design (i.e. drawings and material specifications)
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<b>List required materials needed to make the product, including materials of product components, if applicable</b>	7075 aluminum,, T651, P20 steel, 4130 modified, 4140 HT
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<b>Are there applicable certification requirements?</b>	
Yes	
No	x
<b>Please explain:</b>	

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

<b>Are there any other standards / requirements?</b>	
Yes	x
No	
<b>Please explain:</b>	Varies as per specification

<b>NAICS CODES:</b>	
NAICS 1	
NAICS 2	

### Additional Comments:

<b>Additional technical comments:</b>	
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### Volume and Pricing:

<b>Estimated Potential Business Volume (i.e. #units per day, month, year):</b>	Estimated 30 tools per year
<b>Estimated Target Price/Unit Cost Information:</b>	Will vary according to the size and make of each individual mold.

### Delivery Requirements:

<b>When is it needed by? (Immediate, 30 days, 6 months, etc.)</b>	Will vary based on individual molds
<b>Describe packaging requirements (i.e. individually/group packaging, etc.)</b>	Standard methods
<b>Where will this item be shipped?</b>	Missoula, MT

### Additional Comments:

Is there other information you would like to include?	
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