

ITEM OPPORTUNITY SYNOPSIS

Scouting Number:	2024-163
Name of the item to be scouted:	Wheelchair Brake
State item to be used in:	Idaho

Describe the Item:

Please describe the item application/the end use of the item.	Wheelchair Brake - 3D printed parts - Nylon Selective Laser Sintering (SLS) 3D Printed Parts Our client is developing a new wheelchair brake product and is evaluating manufacturing costs. Given this, Techhelp is reaching out to manufacturers to obtain quotes for the attached parts.
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Supplier Information:

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

Manufacturer	
Contract Manufacturer	x
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	x
BABA	
Other (Please Specify)	

Summary of Technical Specifications and Performance Requirements:

Describe the manufacturing processes (elaborate to provide as much detail as possible)	Additive Manufacturing; SLS 3D printing
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Provide dimensions / size / tolerances / performance specifications of the item	Tolerances +/-0.3mm on all major dimensions and diameters See Step Files attached for further details.
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List required materials needed to make the product, including materials of product components, if applicable	Printing in black Nylon (Polyamide 12) PA12
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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:	

NAICS CODES:	
NAICS 1	333511 Industrial mold manufacturing
NAICS 2	

Additional Comments:

Additional technical comments:	While primarily focused on mold manufacturing, companies in the NAICS (333511) category may also produce tooling and parts using additive manufacturing technologies.
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Volume and Pricing:

Estimated Potential Business Volume (i.e. #units per day, month, year):	1000 sets (1 set is comprised of 1 of each 20011, 20013, 20015, 20016 and (2) of 20012.) See attached files for details.
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Estimated Target Price/Unit Cost Information:	The target price per set* is \$6.00 or less * (1 set is comprised of 1 of each 20011, 20013, 20015, 20016 and (2) of 20012.) See attached files for details.
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Delivery Requirements:

When is it needed by? (Immediate, 30 days, 6 months, etc.)	The timeline is not yet determined; the client is estimating the manufactured cost to determine a sale price.
Describe packaging requirements (i.e. individually/group packaging, etc.)	Packaged in sets is preferable
Where will this item be shipped?	Boise, Idaho
Additional Comments:	
Is there other information you would like to include?	











