

Liquid Silicone Rubber (LSR)

_____ days
 Opportunities will be posted for 30 days unless specified

Item to be Scouted

Please describe the item application/ the end use of item.* Provide the item number if applicable: (N95 Mask vs Protective Mask).

FDA food-grade platinum cured LSR silicone containers

2021-012

Supplier Scouting Number (NIST MEP use)

Scouting customer/product [NAICS Code](#), if known

TECHNICAL INFORMATION:	1. Supplier Information	a. Type of supplier being sought*
		<input checked="" type="checkbox"/> Manufacturer <input checked="" type="checkbox"/> Contract Manufacturer <input type="checkbox"/> Distributor <input type="checkbox"/> Other _____
	2. Summary of Technical Specifications and Performance	b. Reason for scouting submission*
		<input type="checkbox"/> 2 nd Supplier <input checked="" type="checkbox"/> Price <input type="checkbox"/> Re-shore <input type="checkbox"/> Past supplier no longer available <input checked="" type="checkbox"/> New Product Startup <input type="checkbox"/> Other _____
	2. Summary of Technical Specifications and Performance	a. Describe the manufacturing processes (elaborate to provide as much detail as possible).*
		Liquid Silicone Rubber (LSR) injection molding. Manufacturer must also assist with required tooling
		b. Provide dimensions / size / tolerances / performance specifications for the item.*
		Approximately 4" x 4" x 4". 1/4 lb. per piece. Detailed drawings provided upon signing of Non-Disclosure Agreement
2. Summary of Technical Specifications and Performance	c. List required materials needed to make the product, including materials of product components.*	

		<p>Tooling: production grade stainless steel for tooling Product: FDA certified food-grade platinum cured silicone (LSR)</p>
2. Summary of Technical Specifications and Performance Requirements cont:		<p>d. Are there applicable certification requirements?* <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Please explain</p>
		<p>FDA food-grade certified</p>
		<p>e. Are there applicable regulations?* <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Please explain</p>
		<p>f. Are there any other standards, requirements, etc.?* <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Please explain</p>
		<p>Tooling and products to be manufactured in the United States. If possible, source raw materials from United States</p>
		<p>g. Additional Comments: Is there other information that would impact the item's performance or usefulness? Please explain.</p> <p>Company plans to offer multiple colors. Please include information on minimum quantities/setup charges per color.</p>
BUSINESS INFORMATION:	3. Volume and Pricing	<p>3a. Estimated potential business volume (i.e., # Units Per Day, Month, Year) *:</p> <p>~5,000 per year in year one</p>
		<p>b. Estimated target price / unit cost information (flexible and negotiable <u>not</u> accepted) *:</p> <p>\$4.00-\$4.75 per unit. Tooling: preferably multi-cavity tooling frame with interchangeable inserts. Company are open to individual molds for each product size. Total tooling cost <\$41,000 (company has existing quote at this price)</p>
	4. Delivery Requirements:	<p>a. When is it needed by? (Immediate, 30 Days, 6 months, etc.)*</p> <p>February 2022</p>
		<p>b. Describe packaging requirements (i.e., individually/group packaging)*</p> <p>Plastic free packaging. Ship product to client in corrugated boxes; client will deliver to customers/retailers</p>

		c. Where will this item be shipped? *
		Bozeman, Montana
Comments:	5. Additional	Is there other information you would like to include?
		Contact Heather Higinbotham Davies at (406) 600-6617, heatherdaviesmt@gmail.com for NDA

Photos or diagrams of the item (helpful but not required).