

MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

Scouting Number	2025-019
Item to be Scouted	Liquid Adhesive
Days to be scouted	60
Response Due By	03/16/2025
Description	<p>We will use the adhesive in our coating manufacturing line. We will coat Composite Disks with a mixture of the Liquid Adhesive with a special powdered material that we have developed. The coating should be 0.1 - 0.5mm thick, and uniformity of coating and part to part uniformity is more important than final coating thickness.</p> <p>The adhesive that we are currently a two-part epoxy. A more optimal adhesive would be: 1) one-part, 2) optically transparent, 3) tough-not-brittle bond, 4) bond to ABS plastic, 5) UV-cured, and 6) able to survive 70 Celsius temperatures for indefinite time periods</p>
Notify Requester Immediately	No
State item to be used in	Louisiana

Section 2: Technical Information

Type of supplier being sought	Manufacturer
Reason	New product startup
Describe the manufacturing processes (elaborate to provide as much detail as possible)	Including but not limited to extraction, purification, mixing and formulation, and curing
Provide dimensions / size / tolerances / performance specifications for the item	<ol style="list-style-type: none"> 1) Single-part 2) Optically Transparent 3) Tough-not-brittle bond 4) Bond to ABS plastic 5) UV-cured 6) Survivable 70Celsius temperatures for indefinite time periods <p>Cost: \$100 - \$1,000 / per quart - if adhesive found that meets spec but over on cost, we're still interested</p>
List required materials needed to make the product, including materials of product components	<ol style="list-style-type: none"> 1) Powdered Material 2) ABS Composite Disk 3) Liquid Adhesive
Are there applicable certification requirements?	No
Are there applicable regulations?	No
Are there any other standards, requirements, etc.?	No
NAICS 1	325520 Adhesive manufacturing
NAICS 2	
Additional Technical Comments	The manufacturing process takes in ABS 3-D curved disks and applies a coating to the disk. The coating is made up of a combination of powdered material and liquid adhesive.

Section 4: Business Information

Estimated potential business volume	Year 1: 632 Quarts Year 2: 1000 Quarts Year 3: 1500 Quarts
Estimated target price / unit cost information (if unavailable explain)	\$100 - \$1,000 /per quart
When is it needed by?	June 2025
Describe packaging requirements	Flexible
Where will this item be shipped?	Louisiana

Additional Comments

Is there other information you would like to include?	
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