

MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

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| 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

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| 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 | |
| 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

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| 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

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| Is there other information you would like to include? | |
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