

MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

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| Scouting Number | 2025-168 |
| Item to be Scouted | Biotech Blow Molded Part |
| Days to be scouted | 21 |
| Response Due By | 06/04/2025 |
| Description | Seeking a manufacturer who can produce a small cylindrical tube (~3.5 mL capacity), closed at one end, open at the other. |

Section 2: Technical Information

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| Type of supplier being sought | Manufacturer |
| Reason | Re-shore |
| Describe the manufacturing processes (elaborate to provide as much detail as possible) | Blow molding |
| Provide dimensions / size / tolerances / performance specifications for the item | Outer diameter = 0.277 inches +/- 0.004 inches Wall thickness along shaft = 0.016 inches + / - 0.002 inches Length = 4.65 inches +/- 0.05 inches Flash removed to within 0.004 inches along shaft, within 0.01 inches on bottom. End cap wall thickness and end cap inner/outer radii do not need to be tightly controlled |
| List required materials needed to make the product, including materials of product components | High-Density Polyethylene (HDPE) and/or Low-density polyethylene (LDPE), healthcare grade |
| Are there applicable certification requirements? | Yes |
| Certification(s) required | ISO 9001 |
| Details | ISO-9001 or ISO-13485 |
| Are there applicable regulations? | No |
| Are there any other standards, requirements, etc.? | No |
| Additional Technical Comments | Physical samples of comparable products available upon request. NDA with potential vendors required once we pass initial search. |

Section 4: Business Information

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| Estimated potential business volume | 750,000 annually |
| Estimated target price / unit cost information (if unavailable explain) | \$0.25/part (or better) |
| When is it needed by? | ASAP - We anticipate 3 to 6 months to tool up, produce samples, and move into production but time is a critical factor. |
| Describe packaging requirements | Bulk packed in poly bags |
| Where will this item be shipped? | Samples to Massachusetts, production parts to Texas and other domestic sites as needed. |

Additional Comments

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| Is there other information you would like to include? | Physical samples of comparable products available upon request. NDA with potential vendors required once we pass initial search. Please contact Olivia at MassMEP at oliviaa@massmep.org prior to the opportunity end date if you are able to identify a match. |
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