

MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

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| Scouting Number | 2025-252 |
| Item to be Scouted | Wooden Rainstick |
| Days to be scouted | 30 |
| Response Due By | 09/05/2025 |
| Description | A wooden rain stick is a percussion instrument, traditionally made from a hollowed-out piece of wood, cactus, or bamboo, filled with small pebbles, seeds, or other materials. When tilted, these materials cascade down, creating |

Section 2: Technical Information

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| Type of supplier being sought | modulate the sound Manufacturer |
| Reason | Maine 2nd Supplier |
| Describe the manufacturing processes (elaborate to provide as much detail as possible) | <p>1. Material selection Choose a piece of dried bamboo or other suitable wood (birch is mentioned as a good option) that is straight, without bends or holes, and of a length and width that will produce the desired sound quality – longer and wider tubes often create a richer sound.</p> <p>2. Preparing the tube If the wood is not already hollow, remove the internal material to create a clean, unobstructed cavity. Smooth the inside of the tube using sandpaper attached to a rod or other suitable tool.</p> <p>3. Creating internal obstacles Mark a spiral or staggered pattern of dots along the outside of the tube where the internal obstacles will be inserted. Drill holes at these marked points using a drill bit that matches the size of your chosen obstacles (wooden skewers or nails). Insert the wooden skewers or nails through the drilled holes, pushing them until they are just inside the opposite wall of the tube. Apply glue to the ends of the skewers/nails to secure them in place. Trim the excess skewer/nail material flush with the outer surface of the tube. Sand the surface to remove any rough edges created during the drilling and trimming steps.</p> <p>4. Sealing the ends Cut two circular pieces of wood or other material (such as cardboard) to fit securely over the ends of the tube. Attach one cap to one end of the rain stick using wood glue or superglue, ensuring it's sealed tight to prevent the filler from escaping.</p> <p>5. Filling the rain stick Choose the desired filler material, such as pebbles, dried beans, seeds, or beads – different materials will create different sounds. Add a quantity of the filler material (about 1/8 to 1/4 of the tube's capacity is a general guideline). Test the sound by holding your hand over the open end and tilting the tube. Adjust the amount of filler as needed to achieve the desired sound.</p> <p>6. Final sealing and finishing Once satisfied with the sound, glue the second cap securely onto the open end of the rain stick. Allow the glue to dry completely. Optionally, sand the surface and apply a finish like sealant, paint, or decorations.</p> |
| Provide dimensions / size / tolerances / performance specifications for the item | 1.77 x 1.77 x 7.87 inches |

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| List required materials needed to make the product, including materials of product components | <p>Hollow Wooden Tube: This forms the main body of the rain stick and can be made from various types of wood. Different types of wood offer variations in tone and aesthetics.</p> <p>Internal Obstructions: These are placed within the tube to create the rain sound effect as filler material falls against them. These are often small wooden spikes, thorns, or even a spiraling baffle system made from wood.</p> <p>Filler Material: Small, hard, dry grains, beans, or seeds are commonly used to create the rain sound when shaken or tilted. Examples include:</p> <p>Rice</p> <p>Beans (e.g., black-eyed peas)</p> <p>Lentils</p> <p>Unpopped popcorn kernels</p> <p>Small pebbles or gravel</p> <p>Seeds</p> <p>Sealant for the Ends: The open ends of the tube are sealed to keep the filler material inside. Tape (like clear packing tape), glue, or wooden caps can be used for this purpose.</p> <p>Varnish or Other Finish: A varnish or other type of finish may be applied to the outside of the wooden rain stick for protection and aesthetic purposes.</p> |
| Are there applicable certification requirements? | No |
| Are there applicable regulations? | No |
| Are there any other standards, requirements, etc.? | No |
| Additional Technical Comments | |

Section 4: Business Information

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| Estimated potential business volume | 50 per month |
| Estimated target price / unit cost information (if unavailable explain) | Price: \$1.70 - \$2.80 |
| When is it needed by? | Immediate |
| Describe packaging requirements | Best available. Delivered undamaged. Specifics discussed in negotiation. |
| Where will this item be shipped? | Falmouth, ME |

Additional Comments

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