

## ITEM OPPORTUNITY SYNOPSIS

<b>Scouting Number:</b>	2024-234
<b>Name of the item to be scouted:</b>	Robotic Tape-Laying Machine
<b>State item to be used in:</b>	Virginia
<b>Describe the Item:</b>	
<b>Please describe the item application/the end use of the item.</b>	Client is looking for a manufacturer that can provide mechanical parts, electrical control systems, software development, and overall product manufacturing of a desktop, automated tape laying machine with the versatility to use with pressure sensitive and hot-melt adhesive tapes. Additionally, the design must be scalable. Client does have a wooden prototype for reference that can be provided after vetting.
<b>Supplier Information:</b>	
<b>Type of Supplier Being Sought (select from the list below):</b>	
Manufacturer	x
Contract Manufacturer	
Distributor	
Other (Please Specify)	
<b>Reason for Scouting Submission (select from the list below)</b>	
2nd Supplier	x
Price	
Re-Shore	
Past supplier no longer available	
New Product Startup	
BABA	
Other (Please Specify)	
<b>Summary of Technical Specifications and Performance Requirements:</b>	
<b>Describe the manufacturing processes (elaborate to provide as much detail as possible)</b>	Electronic Mechanical Assembly
<b>Provide dimensions / size / tolerances / performance specifications of the item</b>	No specific dimensions provided as the product is in the design stage. This model should fit on a workbench/desk. The client aims to design this machine to work with a wide variety of different types of tape adhesives, so there is no specific for that portion at this time.
<b>List required materials needed to make the product, including materials of product components, if applicable</b>	Only requirements are that the shell of the machine is made of metal and/or hard plastic with no preferred metal material.
<b>Are there applicable certification requirements?</b>	
Yes	
No	x
Please explain:	
<b>Are there any applicable regulations that apply to the production of this item?</b>	
Yes	
No	x
Please explain:	
<b>Are there any other standards / requirements?</b>	
Yes	
No	x
Please explain:	
<b>NAICS CODES:</b>	
NAICS 1	
NAICS 2	
<b>Additional Comments:</b>	
<b>Additional technical comments:</b>	
<b>Volume and Pricing:</b>	
<b>Estimated Potential Business Volume (i.e. #units per day, month, year):</b>	One initial product with the potential to continue production. No estimated volume at this time.
<b>Estimated Target Price/Unit Cost Information:</b>	\$10k-\$15k

**Delivery Requirements:**

**When is it needed by? (Immediate, 30 days, 6 months, etc.)**

Product development expected to begin December 2024 or January 2025.

**Describe packaging requirements (i.e. individually/group packaging, etc.)**

Needs to be self-contained.

**Where will this item be shipped?**

Virginia

**Additional Comments:**

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