

## ITEM OPPORTUNITY SYNOPSIS:

Lift Chair Motor

2020-038

Supplier Scouting Number

<b>TECHNICAL INFORMATION:</b>	<b>1. Describe the item:</b>	<b>Please describe the item application/ the end use of item.</b>
		Company is searching for a US supplier for a lift chair motor to replace Chinese resource due to significant supply chain delays
		<b>Provide the item number if applicable: (N95 Mask vs Protective Mask).</b>
		N/A
	<b>2. Summary of Technical Specifications and Performance Requirements:</b>	<b>a. Provide dimensions / size / tolerances / performance specifications for the item.</b>
		Single drive motor rated at 24V/55W. Max push force of 6000 N at a stroke of 212 mm. Minimum installation length of 394mm, max of 606 mm. Unloaded speed of 8 mm/sec, motor input of 18V, single threaded. Protection category of IP20. Noise level is < 50 dB. Duty cycle: 10% max, 2 mins/ 8 mins. <a href="#">Detailed component specs included in synopsis folder on MEP Connect.</a>
		<b>b. List required materials needed to make the product, including materials of product components, if applicable.</b>
		Company is looking for a fully assembled DC motor with a metallic casing along with the magnetic and electronic components required to make a DC motor.
		<b>c. Are there applicable certification requirements to supply this item? (i.e. ISO certification) Are there any applicable regulations that apply to the production of this item? (i.e. FDA regulations or EPA regulations) Are there any other standard requirements? (i.e. ASME Standard, IEEE Standard) Please specify.</b>
		FDA regulations for medical devices would apply.
		<b>d. Describe the manufacturing processes (elaborate to provide as much detail as possible).</b>
		Copper wire is first wrapped around the stator to form the current generating component of the motor. The stator is then placed in the housing with permanent magnets surrounding it to induce a current. The power inputs are then attached and the housing is closed.
		<b>f. Additional Comments:</b>
		<b>Is there other information that would impact the item's performance or usefulness? Please explain.</b>
Company designs and sources lift chair components from Chinese supplier. <a href="#">Detailed component specs included in synopsis folder on MEP Connect.</a>		

<b>BUSINESS INFORMATION:</b>	<b>Potential Business Volume Estimate (i.e., # Units Per Day, Month, Year):</b>					
	54,000 motors annual volume					
	<b>Target Price / Unit Cost Information:</b>					
	If possible, company would like to know if someone nationally has the capability to produce the components first and then discuss pricing					
	<b>Delivery Requirements:</b>	<b>When is it needed by? (Immediate, 30 Days, 6 months, etc.)</b>				
		Identifying a source ASAP is preferred, but please continue search for 3 to 6 months.				
		<b>Describe packaging requirements (i.e., individually/ group packaging).</b>				
Palletized. More specifics can be provided once source identified						
<b>Where is this opportunity located? Is there a preferred shipping proximity - if applicable?</b>						
Deliveries expected to be made to company's location in Scranton PA.						
<b>Additional Comments:</b>	<b>How long would you like to leave this opportunity open to the National Network?</b>					
	<input type="checkbox"/> 3 days	<input type="checkbox"/> 5 days	<input type="checkbox"/> 7 days	<input type="checkbox"/> 10 days	<u>3 months</u> <b>Other</b>	
	<b>Is there other information you would like to include?</b>					
	Price will be an consideration, but willing to pay more to alleviate supply chain issues affecting on time delivery and growth.					

Photos or diagrams of the item (helpful but not required).