

## ITEM OPPORTUNITY SYNOPSIS

Scouting Number:	2023-144
Name of the item to be scouted:	340KV and 360KV 6S Motors for Drones
State item to be used in:	Montana
<b>Describe the Item:</b>	
Please describe the item application/the end use of the item.	A Montana drone manufacturer would like to purchase U.S.-manufactured drone motors - 340KV 6S and 360KV 6S - for its rotors.
<b>Supplier Information:</b>	
Type of Supplier Being Sought (select from the list below):	
Manufacturer	
Contract Manufacturer	x
Distributor	
Other (Please Specify)	
<b>Reason for Scouting Submission (select from the list below)</b>	
2nd Supplier	
Price	
Re-Shore	x
Past supplier no longer available	
New Product Startup	
BABA	
Other (Please Specify)	
<b>Summary of Technical Specifications and Performance Requirements:</b>	
Describe the manufacturing processes (elaborate to provide as much detail as possible)	Domestic manufacturing of motors for multi-rotor drones
Provide dimensions / size / tolerances / performance specifications of the item	340KV 6S and 360KF 6S - brushless motor. Current items they hope to replace are linked here: <a href="https://www.kdedirect.com/products/kde4213xf-360?_pos=1&amp;_sid=31ba789db&amp;_ss=r">https://www.kdedirect.com/products/kde4213xf-360?_pos=1&amp;_sid=31ba789db&amp;_ss=r</a> Current items they hope to replace are linked here: <a href="https://store.tmotor.com/goods-1205-MN4116.html">https://store.tmotor.com/goods-1205-MN4116.html</a>
List required materials needed to make the product, including materials of product components, if applicable	340KV 6S and 360KF 6S - brushless motor. Current items they hope to replace are linked here: <a href="https://www.kdedirect.com/products/kde4213xf-360?_pos=1&amp;_sid=31ba789db&amp;_ss=r">https://www.kdedirect.com/products/kde4213xf-360?_pos=1&amp;_sid=31ba789db&amp;_ss=r</a> Current items they hope to replace are linked here: <a href="https://store.tmotor.com/goods-1205-MN4116.html">https://store.tmotor.com/goods-1205-MN4116.html</a>
Are there applicable certification requirements?	
Yes	
No	x
Please explain:	
Are there any applicable regulations that apply to the production of this item?	
Yes	
No	x
Please explain:	
Are there any other standards / requirements?	
Yes	
No	x
Please explain:	
<b>Additional Comments:</b>	
Additional technical comments:	
<b>Volume and Pricing:</b>	
Estimated Potential Business Volume (i.e. #units per day, month, year):	Approximately 250/quarter of each type - 360 & 340KV
Estimated Target Price / Unit Cost Information:	This data is unavailable. The client currently imports these items and understands that domestically-made parts will cost more.
<b>Delivery Requirements:</b>	
When is it needed by? (Immediate, 30 days, 6 months, etc)	Between one and six months, but flexible. The client hopes to develop an ongoing domestic supply chain.
Describe packaging requirements (i.e. individually / group packaging, etc)	NA
Where will this item be shipped?	Near Bozeman, Montana
<b>Additional Comments:</b>	
Is there other information you would like to include?	