

## ITEM OPPORTUNITY SYNOPSIS

<b>Scouting Number:</b>	2024-016
<b>Name of the item to be scouted:</b>	Home Cage Set with Top Unit for 4 Mice
<b>State item to be used in:</b>	North Carolina
<b>Describe the Item:</b>	
<b>Please describe the item application/the end use of the item.</b>	Home cage system to behaviorally track mice - need 4 systems with top units containing a digital color camera upgrade. The top unit has to be compatible with EthoVision XT behavioral tracking software.
<b>Supplier Information:</b>	
<b>Type of Supplier Being Sought (select from the list below):</b>	
Manufacturer	<input checked="" type="checkbox"/>
Contract Manufacturer	
Distributor	
Other (Please Specify)	
<b>Reason for Scouting Submission (select from the list below)</b>	
2nd Supplier	
Price	
Re-Shore	
Past supplier no longer available	
New Product Startup	
BABA	<input checked="" type="checkbox"/>
Other (Please Specify)	Items manufactured in Netherlands and modified in the US. *
<b>Summary of Technical Specifications and Performance Requirements:</b>	
<b>Describe the manufacturing processes (elaborate to provide as much detail as possible)</b>	making of acrylic walls and metal feeder, making of top unit which will be later modified in the US, camera made in Germany but purchased in the US by the vendor
<b>Provide dimensions / size / tolerances / performance specifications of the item</b>	Comparable to PhenoTyper 3000 home cage system. Has to be compatible with Ethovision XT behavioral tracking software
<b>List required materials needed to make the product, including materials of product components, if applicable</b>	acrylic for walls, metal for feeder, metal for top unit case plus electronic works
<b>Are there applicable certification requirements?</b>	
Yes	
No	<input checked="" type="checkbox"/>
Please explain:	
<b>Are there any applicable regulations that apply to the production of this item?</b>	
Yes	
No	<input checked="" type="checkbox"/>
Please explain:	
<b>Are there any other standards / requirements?</b>	
Yes	
No	<input checked="" type="checkbox"/>
Please explain:	
<b>Additional Comments:</b>	
<b>Additional technical comments:</b>	Size has to meet requirements for mice – this includes the walls, shelter, and feeder. One wall needs to have a latching door. Need to have a pencil width hole on the top of the cage for optogenetic cable pass-through. The top unit housing the camera has to be compatible with EthoVision XT software. This software allows 24 or more hours of tracking. We currently have the modules which allow tracking in multiple arenas, behavior recognition, and trial control (for additional testing within the chamber for operant etc). Currently have the setup for 2 rat systems and all the software/modules which means no additional software or computer would need to purchased.
<b>Volume and Pricing:</b>	
<b>Estimated Potential Business Volume (i.e. #units per day, month, year):</b>	Ordering 4 to start and could possibly order 4 more sets.
<b>Estimated Target Price/Unit Cost Information:</b>	\$2613.25/set
<b>Delivery Requirements:</b>	

When is it needed by? (Immediate, 30 days, 6 months, etc.)	3 months
Describe packaging requirements (i.e. individually/group packaging, etc.)	Delicate equipment that has to be individually wrapped (walls cannot get scratched).
Where will this item be shipped?	Durham, North Carolina
<b>Additional Comments:</b>	
Is there other information you would like to include?	