

Annual Requirements - 2024- Division of Parasitology

Equipment

Serial No.	Name of the Item	Specification	Quantity Required	Bidder' Response		If 'NO', Bidders Specification
				Yes	No	
1	Refrigerator	Rated voltage - 220-240V, 50-60Hz	1			
		Dimensions-				
		Height - 1.5 - 2.0m				
		Width - 0.75 - 1.0m				
		Depth - 0.75 - 0.75m				
		Non frosting				
		Double door, Top mount freezer				
		Gross freezer capacity - 175 - 200 L				
		Gross refrigerator capacity - 450-500L				
		Inverter compressor				
		Warrenty -Minimum 2 years for the exterior and minimum 5 years for the invertor				

2	ELISA Plate Reader	<p>Dimensions - Height - 0.15-0.2m Width - 0.45-0.50m Depth - 0.3m- 0.50m Wavelength selection by filters , wavelength range - 450-750nm, Standard filters for 405nm, 450nm and 620nm should be included, User interface - PC control, Plate type - 96 well plate, Measurement speed - 5 seconds for 69 well plate, Shaking - Linear shaking, 3 speeds, Light source - Halogen lamp, Readout range - 0-3.5 Abs, Resolution - 0.001Abs , Detector type - Silicon, Accuracy - $\pm 1\%$(0-2.0 Abs) at 405nm</p>	1			
3	Heamotocrit reader	<p>Speed 200-14,000rpm in 10rpm increments Maximum RCF 18,620 x G Speed Accuracy +/- 20rpm Run Time 30 sec - 99 min or continuous Power 5A, 500W Display Backlit LCD Acceleration Time 30 sec Braking Time 30 sec Dimensions (WxDxH) 280 x 364 x 266mm (11.0 x 14.3 x 10.5") Weight 10 kg (22lbs) Certifications CE, cTUVus, FCC, MCA Warranty 2 Years</p>				

4	Heamocytometer	<p>Haemocytometer set comes in a plastic case consisting of :</p> <p>1 counting chamber without clamps with double net ruling.</p> <p>Two cover glasses,</p> <p>One blood diluting pipette Thoma for red blood cells.</p> <p>One blood diluting pipette Thoma for white blood cells</p> <p>Two silicone tubings of approx. 16 cm length</p> <p>One red plastic mouth piece</p> <p>One white plastic mouthpiece</p> <p>Cell Depth: 0.100mm +/- 2% (1/10mm)</p> <p>Volume: 0.1 Microliter</p> <p>Ruling Pattern: Improved Neubauer, 1/400 Square mm</p> <p>Cover slips for Hemacytometer are available.</p> <p>Optical glass. 20 x 26 mm size. Thickness 0.4 mm. 170 pieces of cover glass = 1oz.</p>	1			
5	Digital thermometer to be used in animal	<p>electronic</p> <p>Tip type probe with audible signal, wireless</p> <p>Temperature range</p> <p>Min.: 32 °C (89.6 °F)</p> <p>Max.: 43.9 °C (111.02 °F)</p> <p>Measurement duration 10 s</p>	1			

6	Timer for Lab (Stop watch)	Time unit: hours, minutes, seconds <ul style="list-style-type: none"> • 23 HOUR: 99MIN: 59SEC • Digital Display: Minutes and Seconds • Clock & Alarm Function • 2 Countup & 1 Countdown • Certification: CE / EU • Alarm Sound Duration: 60 second 	1			
7	Hematology Analyzer	Parameters 19 reportable parameters:	1			
8	Micro pipette	0.5µl - 10 µl	1			
9	Micro pipette	2µl -20µl	1			
10	Micro pipette	10µl -100µl	1			
11	Micro pipette	20µl - 200µl	1			
12	Micro pipette	100µl - 1000µl	1			
13	Portable sample	Volume: 8 litres. 33.5cm x 22.5cm x				
14	Magnetic Stirring Bar	30 mm				
15	Magnetic Stirring Bar	20 mm				
16	Magnetic Stirring Bar	10 mm				
17	Microscope slide box	ABS plastic, 8.2 x 6.9 x 1.3 inches.	2			
18	Microscope slide box	ABS plastic, Stackable, 50 compartments,	1			
19	Microscope slide box	ABS plastic, Stackable, 25 compartments,	1			
20	Microscope slide box	ABS plastic, Stackable, 12 compartments,	1			

Micro
pipette
Tips