

EQUIPMENT REQUIRED FOR STRENGTHENING OF FROZEN SEMEN BANK AT UPPER SHILLONG

Sl. No.	ITEMS	SPECIFICATION	MAKE/BRAND	RATE PER UNIT	REMARKS
1	Phase contrast microscope with Biotherm	Trinocular model ATC 2000			
2	Automatic Hot water bath	WBP -2 - 280 x 360 x 380mm 22 lits (approx)			
3	Laminar Air flow units	HLS - 1 2' x 2' x 2' x 2' x 2' x 6' Pre filter 2 x 20 w Floures unit tubes UV 1 x 15w			
4	Incubator	600 x 900 x 600mm (digital contrast)			
5	Autoclave	Pressure upto 20 PSI ACV - 1 450mm x 250mm load 1.5kw vertical ACV-I 450mm x 250mm Height x Dia. 18" x 10" Load 1.5 K.W			
6	U.V. Lamp (2470 A)	Ultra Violet radiation for long wave is controlled around 3600 AV for short wave 2500 AV			
7	Wide mouth LN2 container	250 lits cap with freezing grill for freezing IBP			
8	PH meter digital	Display 3½ digit LED resolution 0.01 ph to 14ph			
9	Magnetic Stirrer with hot plate	MSH - 2, MSH - 10			
10	Double water distillation system	10 lits per hour, Glass			

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11	Photometer	1 MV IMV brand with diluter and printer with stand and accessories.			
12	Pass Box	size 2' x 2' x 2' interlocked type stainless steel			
13	Electronic weighing balance	Electronic top loading balance Capacity 200 g Sensitivity - 0.001 g			
14	Vacuum Cleaner Eureka Forbes	Size -			
15	Filling, Sealing and Straw Printing Machine including installation	IS4 (4 x 4) IMV for 0.25ml French Mini with software.			
16	Universal Artificial Insemination Gun (Spiral)	1 MV			
17	Universal A.I Sheath (Non-split)	1 MV			
18	French Straws	1 MV Mini			
19	Universal A.I. Gun container				
20	A.I. Sheath container				
21	Cryogenic golves				
22	Gum boots				
23	Straw cutter				

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24	Neoprene cone	1MV			
25	Micro pipette + tips for semen evaluation	Yorco (i) 0.5 - 10 ul (ii) 20 - 200 ul (iii) 100 - 1000 ul			
26	Neoprene liner for A.V	1 MV			

Signature

Name of Firm

Seal