

International Centre for Genetic Engineering and Biotechnology

Bill of Quantity (BOQ) for Equipments

CLIENT:		PROJECT / SITE:			
		LAB			
		NEW DELHI			
S. No.	Description Of Item	Qty.	Unit	Rate	Amount
1	AUTOCLAVE	1	NOS.		
	Specifications:				
	Chamber Volume = 90 - 100 Ltr.				
	Should operate with saturated steam under pressure of 15 to 22 PSI (adjustable).				
	Sturdy double wall construction with boiler made of stainless steel at least 16-gauge sheet				
	Should provide heat resistant SILICON door gasket withstand upto 140 Deg. C.				
	Outer shell to be made of stainless steel.				
	Stand shall be made of Mild steel with anti-corrosion paint.				
	Boiler and outer shell should be provided with air insulation.				
	Lid should be made of steel sheet and tightened by radial locking.				
	Joint-less gaskets should be made of Neoprene rubber.				
	Sterilizer should be fitted with water level arrangement to indicate water position inside the boiler.				
	Pressure gauge, air/steam release cock and two safety valves should be provided.				
	It should have immersion type heating element.				
	It should be supplied with cord and plug to work on 220 Volts 50 cycles A.C. supply.				
	Safety features of sterilizers: Door locking facility, Low water protection system, Pressure cut off facility and all other necessary safety features.				
	The unit should be manufactured as per IS specifications Mark ISI:3829 and also should bear the certification				
	The sterilizer should have minimum 5 years warranty				
2	LAMINAR AIR FLOW	2	NOS.		
	Specifications:				
	Controller displays all safety information on one screen				
	Spill-retaining worktop design will ensure containment of accidental liquid spills.				
	Powder Coat (silver-impregnated) that inhibits microbial growth to improve safety.				
	Motor; offers stable airflow, despite voltage fluctuations and filter loading.				
	10x filtration efficiency of HEPA filter.				
	Clean bench should be individually factory tested for safety and performance in accordance with international standards.				
	All components must be cleanroom compatible.				
	5 years warranty				
	External Dimensions(mm) - 1000(W) x 750(D) x 1200(H)				
	Internal Work Area(mm) - 850(W) x 600(D) x 550(H)				
	Airflow Velocity - 0.45 m/s (90 fpm) at initial set point				

