

**Division of Bacteriology
Equipment-2024**

Serial No	Name of the Item	Qty	Specification	Bidder's Response		If "No" bidder's specification
				Yes	NO	
1	Foldable LED Desk Lamp	2	White reflector, 360° three point articulating arm, fingertip control, spring counterbalance, weighted metal base			
			Flexible Arm Natural Light Lamp			
			Wattage 35W			
			Voltage 220-240V			
			For inspection, sample examination			
			light source : LED bulb			
			Warranty - One year			
2	Freezer	2	internal volume: 150 L			
			Upright -type freezer for storage of chemicals and reagents and clinical samples			
			Compression type, CFC-free refrigerant.			
			Insulation material: polyurethane, CFC-free.			
			stainless steel structure			
			Lockable door			
			Electronic temperature control: up to -35°C.			
			Accuracy, +/- 1°C.			
			External digital display with actual interior temperature, minimal graduation 0.1°C.			
			Audio and visual alarm system indicates unsafe temperatures			
			Battery back-up for audio and visual alarm system, Fitted with integrated castors.			

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				Yes	NO	
			5.Power requirements: 220 V / 50 Hz			
			more energy efficient.			
			Supplied with Automatic voltage regulator:			
			A microprocessor-controlled spike and surge protection and protection against disturbances.			
			1-Nominal output voltage: 220 V / 50 Hz, Single phase, .			
			2-Accepted input range: 160-280 VAC for 220 V/50 Hz system			
			3-Output accuracy: ≤ +/- 10 %.			
			4-Response time: <15 ms or 50 s			
			5-LED display showing connected/disconnected status, voltage fluctuation and load as % of nominal current or a digital display showing temperature, voltage, electricity			
			Warranty - 3 yrs			
			User manual should be supplied			
			EU standards			
3	Laboratory Timer Pocket	2	Timer pocket,Four digit LCD			
			Program in 1min increments from 20hrs -1min			
			feature in up and down counting			
			resolution 1 min			
			Three key operation			
			Accuracy 0.01%			
			8.4mm high LCD digits			
			Upplied with battery and key chain			
			Warranty One year			

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4	Laboratory Timer	3	display 5cm high			
			Store 3 countdown times from zero			
			Alarm sets at loud, low or off (light flaashing only)			
			Magnetic back			
			Accuracy 0.01%			
			Size approx. 90mmx60mmx16mm			
			Supplied with AAA alkaline batteries			
			Warranty one year			
5	Refrigerator	2	Capacity - 650L			
			Upright			
			Door - single solid			
			No of shelves - 4			
			Dimensions - Internal (wxdxh)mm -610x730x1470			
			Inverter model			
			720x910x1970			
			Microprocessor control			
			preset to +4C			
			key operated master switch for set point security			
			and power failure			
			function			
			Battery backup			
			Warranty - 3 yrs			
			User manual should be supplied			
Eu standards						
6	Incubator	1	30-42 0C range			
			Capacity , Duble jacket			

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				Yes	NO	
			Internal volume: Approximately 100 liters			
			Temperature range: from 5°C above the ambient temperature up to 100°C			
			Inner glass door			
			Internal chamber: stainless steel DIN 1.4301 (AISI 304)			
			Housing- Textured stainless steel, rear zinc-plated steel, display for set pint and actual value with touch screen; inner tempered glass door, outside fully insulated stainless steel door			
			Fresh air - Admixture of pre-heated fresh air by electronically adjustable air flap			
			Number of grids/shelves- 2-5 shelves, detachable and adjustable shelves			
			Minimum loading of chamber kg 40			
			Dual wall door with magnetic gasket			
			Door with lock and key (safety lock)			
			Mounted on lockable castors			
			Temperature –air jacket constant temperature			
			Working temperature range °C above ambient temperature up to +80			
			Setting temperature range °C +20 to +80			
			Setting accuracy °C 0.1			

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				Yes	NO	
			Voltage 220-240 V, 50/60 Hz			
			Extended over temperature protection by additionally integrated Pt100 sensor for independent temperature monitoring			
			Interior lighting for observing the load			
			Works calibration certificate			
			Works calibration certificate for one (freely selectable) temperature values			
			EU standards certificate and User manual should be supplied			
			Warranty – 3yrs			
7	Laboratory trolley	1	Stainless steel trolley with two shelves with retaining lip and surrounding rod, .			
			made from grade 201 stainless steel			
			non-marking castors.			
			Overall size: around 9005mm(h) x 500mm(w) x 900mm(l)			
			2 x shelves			
			Distance between shelves: Approx. 350mm			
			Shelf size: 400mm(w) x 775mm(l)			
			Load capacity: 100kg			
8	General Purpose Trolleys	1	Mobile on 4 x 75mm swivel castors (2 braked)			
			850mm(h) x 460mm(w) x 915mm(l) - 3 tier trolley			
			3 Tier			

Serial No	Name of the Item	Qty	Specification	Bidder's Response		If "No" bidder's specification
				Yes	NO	
			Strong and durable chrome wire			
			Easy to clean			
9	Digital water bath	2	Chamber Material -Stainless Steel			
			Controller Type Digital			
			10L General Purpose Water Bath			
			Capacity (Metric) - 10 L			
			Certifications/Compliance			
			Temperature Range - Ambient to 100°C			
			Display - Monochrome LCD			
			Heating Capacity - 800 w			
			Includes			
			Material - Clear Polycarbonate Cover , Epoxy Powder-coated Steel			
			Temperature Stability - $\pm 0.1^{\circ}\text{C}$			
			Temperature Uniformity - $\pm 0.2^{\circ}\text{C}$			
			Dimensions (L x W x H) - Approx. 15.5 x 15.1 x 9.2 in.			
			Electrical Requirements 230V 50/60 Hz			
			Warranty - 3 yrs			
			Eu standards certificate and			
			User manual should be supplied			
10	Micro- sterilizer	2	Amperage - 2:00:00 AM			
			Depth (Metric) Outside - 15 cm			
			Diameter (English) Chamber - 0.55 in			

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			Diameter (Metric) Chamber - 1.39 cm			
			Height (Metric) Exterior - 16.5 cm			
			Temperature - 500°C or 815°C			
			Frequency - 50/60 Hz			
			Sterilization Time - 5 to 7 sec.			
			Width (English) Exterior			
			Material - Stainless Steel			
			Voltage - 120 V			
			Warranty - 3 yrs			
			Eu standards certificate and			
			User manual should be supplied			