

TECHNICAL SPECIFICATIONS OF THE ITEMS

Tender No.: GMC/MICRO/2018/AMR/ 438

Dated: 30th August, 2018

Sl. No	Item Specifications
01	<p>Hot air oven</p> <p>Technical Specifications:</p> <ol style="list-style-type: none"> 1. Temp. range 50°C to 250°C \pm1°C controlled by 'IMPORTED' Thermostat 2. Door gasket made of synthetic Rubber compound Inner chamber made of Stainless Steel (304 Grade) with 2 shelves minimum. 3. Inner Chamber size: a) 355 x 355 x 355mm 4. Capacity : 45 liters 5. ISI/ISO/CE certified or equivalent
02	<p>Autoclave Vertical</p> <p>Technical Specifications:</p> <ol style="list-style-type: none"> 1. Sturdy double walled (boiler) inner chamber made of stainless steel of 18 SWG sheet AISI-304 Grade Outer shell is made of thick Stainless steel. 2. Lid is made of stainless steel plate with lightened all-around by wing nuts Lid is made of stainless steel plate 3. Moulded, joint less gaskets which are made of Neoprene rubber. 4. Sterilizer is hydraulically tested upto 40 psi 5. ISI marked immersion type heating element heats the water to generate steam to desired pressure & corresponding temperature 6. Chamber size: 250 x 450 mm 7. load : 1.5 kw 8. ISI/ISO/CE certified or equivalent
03	<p>Digital Centrifuge Machine 16 Tube</p> <p>Technical Specifications:</p> <ol style="list-style-type: none"> 1. Revolutionary general purpose laboratory centrifuge with speed regulator, safety lid lock, digital speed meter & timer with graduated glass tubes and with 16 x 15 ml swing out head 2. Max speed: 5250 rpm 3. Max rcf : 3600 g 4. ISI/ISO/CE certified or equivalent
04	<p>Vortex Mixers (Cyclo Mixer)</p> <p><u>Specification :</u></p> <ul style="list-style-type: none"> ➤ Brushless motor & suitable for interchangeable mixing heads. ➤ Touch/Continuous Operation mode Selection through bi-directional Switch ➤ Speed Regulation through knob provided on the control panel ➤ Interchangeable mixing heads for use with variety of tubes. <p><u>Technical Data</u></p> <p>Shaking Movement : Orbital Motor type : Shaded-Pole Motor Run type : Continuous/Touch operation Protection Class acc. To DIN 60529 : IP 21 ISI/ISO/CE certified or equivalent</p>
05	<p>pH Meter – Digital</p> <p>Technical Specifications:</p> <ol style="list-style-type: none"> 1. Simple, Economical and accurate (Microprocessor based), easy to use 2. <u>Measuring Parameter :</u> pH range : 0.00 to 14.00 pH pH resolution : 0.01 pH pH Accuracy : \pm 0.01 pH

	<p>pH calibration point : up to 3 Temperature range : 0 to 100°C Temperature resolution : 0.1°C Temperature accuracy : $\pm 0.3^{\circ}\text{C}$ 3. ISI/ISO/CE certified or equivalent</p>
06	<p>Variable Volume Micro pipettes</p> <p>Technical Specifications :</p> <ol style="list-style-type: none"> Volume : a) 5-50μl b) 20-200μl c) 200-1000μl Free micropipette stand should be supplied as accessory.
07	<p>Fixed Volume Micro Pipette</p> <p>Technical Specifications :</p> <ol style="list-style-type: none"> Volume : a) 10μl b) 100 μl c) 500 μl d) 1000 μl Free micropipette stand should be supplied as accessory.
08	<p>Computer with Anti-virus</p> <p>Technical Specification :</p> <ol style="list-style-type: none"> LED Display 21.5 inch Intel Core i3-7500 3.4GHz (up to 3.8GHz) 6M 4C TWR CPU 8GB DDR4-2400 nECC (2x4GB) Unbuffered RAM 1TB 7200 RPM SATA 1st Hard Drive 9.5mm Slim Super Multi DVDRW 1st ODD Intel HD Graphics 630 USB Business Slim Keyboard USB Optical Mouse Win 10 pro 64 bit Warranty 3years. Accessories: Antivirus, 32GB Pen drive, Table for computer & printer

Terms and Conditions:-

- Taxes : GST@18% will be charge extra.
- Payment : As per discussion.
- Delivery : From our ready stock subject to availability otherwise within 3- 4 weeks after receiving of confirmed order.
- Validity : Up to 3 months from the date of issue of our quotation.
- Warranty : 12 Months .
- After sales Services : Will be provided by our trained service person based at Guwahati.
- Calibration Certificate : Farm must provide calibration certificate from a NABL accredited agency for all equipments at the time of installation



(Dr. Ajanta Sharma)
Professor & HOD
Deptt. of Microbiology
Gauhati Medical College & Hospital