

Dr Baba Saheb Ambedkar Hospital  
(Govt of NCT of Delhi)  
Sector-6, Rohini, Delhi – 110085

Hospital Open Tender – List of Items (Microbiology)

Tender ID – 2017\_BSAH\_130983\_3

S.No.	Name Of The Items	Specification If Any	Unit(s) required*
1	<b>DEEP FREEZER</b>	<ul style="list-style-type: none"> <li>➤ Manual Temperature Control</li> <li>➤ Digital Temperature Display</li> <li>➤ Adjustable temperature range (-10°C to -40°C)</li> <li>➤ Inbuilt temperature and voltage stabilizer</li> <li>➤ Highly efficient Compressor</li> <li>➤ CFC free refrigerants</li>   <li>➤ Audible and visible malfunction Alarms for temperature/ voltage outside the set range, power failure.</li> <li>➤ Broad climate tolerance</li> <li>➤ Storage capacity: Approximately 90-100 liters</li> <li>➤ Storage boxes and racks for easy operation</li> <li>➤ Should be FDA or European CE approved or equivalent standard product.</li> </ul>	1 (One) Nos.
2	<b>BIOSAFETY CABINET</b>	<ul style="list-style-type: none"> <li>➤ NSF 49/EN1249 or Equivalent standard</li> <li>➤ Approximately 3- 4 Feet length X 2 feet Depth</li> <li>➤ Bio safety cabinets Class II, Type B2 ; Stainless steel interior Epoxy-coated steel exterior</li> <li>Removable, seamless, dished work surface with lift out knobs</li> <li>➤ Door- Fully closing, clear 1/4" tempered safety glass/ fibre sheet, sash Counter balanced with base stand.</li> <li>➤ Circulation: Exhaust through HEPA filters, 70 % air recirculation</li> <li>➤ UV and sufficient illumination for work space.</li> <li>➤ Installation &amp; onsite validation</li> <li>➤ Calibration certificates</li> <li>➤ Manuals: Operation, maintenance &amp; part list with detailed specifications</li> <li>➤ Operational &amp; maintenance Training</li> <li>➤ Should include 210-240V/50 Hz power supply</li> </ul>	1 (One) Nos.
3	<b>ELECTRIC LOOP STERILIZER</b>	<ul style="list-style-type: none"> <li>➤ Loop sterilizer for Protecting laboratory staff from dangerous gases/flame/splatter</li> <li>➤ May reach temperature up to 1500°F.</li>   <li>➤ Sterilize metal inoculating loops or needles in 5-7 seconds after reaching optimum sterilization temperature by infrared heat.</li> <li>➤ Adjustable height and loop rest.</li> </ul>	4 (Four) Nos.

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		<ul style="list-style-type: none"> <li>➤ Stainless steel cowl to protect the heating element.</li> <li>➤ Slide dryer attachment is desirable.</li> </ul>	
4	<b>FIXED VOLUME SINGLE CHANNEL PIPETTES</b> Range: 5 $\mu$ L	<ul style="list-style-type: none"> <li>➤ Range: 5 <math>\mu</math>L</li> <li>➤ ISO CERTIFIED, fully autoclavable, single channel pipettes of variable volume compatible with universal tips.</li> <li>➤ Accuracy: <math>\pm</math>1.0 to 0.6%</li> <li>➤ Precision: 0.6 to 0.2%</li> </ul>	2 (Two) Nos.
5	<b>FIXED VOLUME SINGLE CHANNEL PIPETTES</b> Range: 25 $\mu$ L	<ul style="list-style-type: none"> <li>➤ Range: 25 <math>\mu</math>L</li> <li>➤ ISO CERTIFIED, fully autoclavable, single channel pipettes of variable volume compatible with universal tips.</li> <li>➤ Accuracy: <math>\pm</math>1.0 to 0.6%</li> <li>➤ Precision: 0.6 to 0.2%</li> </ul>	2 (Two) Nos.
6	<b>ADJUSTABLE VOLUME SINGLE CHANNEL PIPETTES</b> Range: 5-100 $\mu$ L	<ul style="list-style-type: none"> <li>➤ Range: 5-100 <math>\mu</math>L</li> <li>➤ ISO CERTIFIED, fully autoclavable, single channel pipettes of variable volume compatible with universal tips.</li> <li>➤ Increment: 1<math>\mu</math>L</li> <li>➤ Accuracy: <math>\pm</math>12.0 to 2.5%</li> <li>➤ Precision: 10.0 to 2.0%</li> </ul>	Total 8 Nos including 2 (Two) Nos. for Microbiology and 6 (Six) Nos. for Blood Bank
7	<b>ADJUSTABLE VOLUME SINGLE CHANNEL PIPETTES</b> Range: 50-500 $\mu$ L	<ul style="list-style-type: none"> <li>➤ Range: 50-500<math>\mu</math>L</li> <li>➤ ISO CERTIFIED, fully autoclavable, single channel pipettes of variable volume compatible with universal tips.</li> <li>➤ Increment: 1<math>\mu</math>L</li> <li>➤ Accuracy: <math>\pm</math>2.5 to 1.0%</li> <li>➤ Precision: 2.0 to 0.5%</li> </ul>	Total 8 Nos including 2 (Two) Nos. for Microbiology and 6 (Six) Nos. for Blood Bank
8	<b>FIXED VOLUME SINGLE CHANNEL PIPETTES</b> Range: 10 $\mu$ L	<ul style="list-style-type: none"> <li>➤ Range: 10 <math>\mu</math>L</li> <li>➤ ISO CERTIFIED, fully autoclavable, single channel pipettes of variable volume compatible with universal tips.</li> <li>➤ Accuracy: <math>\pm</math>3.0 to 1.0%</li> <li>➤ Precision: 2.5 to 0.4%</li> </ul>	2 (Two) Nos.
9	<b>FIXED VOLUME SINGLE CHANNEL PIPETTES</b> Range: 20 $\mu$ L	<ul style="list-style-type: none"> <li>➤ Range: 20 <math>\mu</math>L,</li> <li>➤ ISO CERTIFIED, fully autoclavable, single channel pipettes of variable volume compatible with universal tips.</li> </ul>	2 (Two) Nos.

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		<ul style="list-style-type: none"> <li>➤ Accuracy: <math>\pm 1.8</math> to 0.6%</li> <li>➤ Precision: 0.7 to 0.2%</li> </ul>	
10	<b>FIXED VOLUME SINGLE CHANNEL PIPETTES</b> Range: 50 $\mu$ L	<ul style="list-style-type: none"> <li>➤ Range: 50 <math>\mu</math>L,</li> <li>➤ ISO CERTIFIED, fully autoclavable, single channel pipettes of variable volume compatible with universal tips.</li> <li>➤ Accuracy: <math>\pm 1.0</math> to 0.6%</li> <li>➤ Precision: 0.6 to 0.2%</li> </ul>	Total 6 (Six) Nos including 2 (Two) Nos. for Microbiology and 4 (Four) Nos. for Blood Bank
11	<b>FIXED VOLUME SINGLE CHANNEL PIPETTES</b> Range: 100 $\mu$ L	<ul style="list-style-type: none"> <li>➤ Range: 100 <math>\mu</math>L</li> <li>➤ ISO certified digital multichannel pipettes of variable volume compatible with universal tips. Applications: provision for 6, 24, 96 well applications</li> <li>➤ Precision: 2.0 to 0.7%</li> </ul>	Total 6 (Six) Nos including 2 (Two) Nos. for Microbiology and 4 (Four) Nos. for Blood Bank

\*The quantity is approximate and may vary at the time of placing orders.