

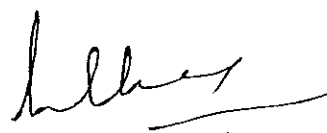
## SPECIFICATION OF EQUIPMENTS:

### 1) Biological Safety Cabinet Specifications

General: Tender is invited from reputed original manufacture or their authorized agents/dealers only information regarding installation in India and satisfactory service and maintenance may be forwarded with all the details for verification.

#### Technical:

<b>Certification</b>	: NSF 49/EN1249 or Equivalent standard
<b>Design</b>	: Approximately 4 Feet length X 2 feet Depth, Bio safety cabinets Class II, Type A2; 304 stainless steel interior Epoxy-coated steel exterior, Removable, seamless dished work surface with lift out knobs Door – Fully closing, clear ¼” tempered safety glass each Counter balanced with base stand.
<b>Circulation</b>	: Class 100, Supply and exhaust through HEPA filters. Inflow velocity of 105 fpm (0.5 m/sec), Down flow velocity of 55 fpm (0.3m/sec), 70 % air recirculation.
<b>Light</b>	: UV and sufficient illumination for work space.
<b>Guages</b>	: For monitoring the condition of all HEPA filters as well as work space.
<b>Services Required</b>	: Installation & onsite validation, Calibration certificates.
<b>Manuals</b>	: Operation, maintenance & part list with detailed specifications, Operational & maintenance Training.
<b>Power Supply</b>	: Should include 210-240 V/50 Hz.
<b>Recommendation</b>	: Bio Safety cabinets of Class II, Type A2 is recommended for all Viral Research Diagnostic labs (VRDL). Type B2 biosafety cabinets are recommended only for Biosafety Level 3 work.
<b>Warranty</b>	: 2 (two) Years
<b>CMC</b>	: 3 (three) years
<b>Accessories</b>	: 01(one) no. of online UPS of 3 KVA capable of providing 2 hours backup with battery rack is required for the said equipment.

  
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