

## TECHNICAL SPECIFICATIONS

### ***Important Instructions for Technical Specifications***

1. The bidders shall NOT write the word “As per specifications”, “specifications compliance” or any other related terms.
2. The bidder shall prepare the bid specifications in an **annotated for ease of comparison & evaluation**. The specifications will also be supported with **brochures of quoted equipment**, reference **picture/design / website link of the product**. The relevant brochures having complete specification must be attached with the technical bid otherwise bids shall be declared as non-responsive

X	Pharmacy / Parenteral Nutrition		
5	Cabinet, Safety, Biological Class II on stand	1	<p>Total External Dimension (W x H x D 30 x 56 x 28) Inches Approx.</p> <p>Working Dimensions (W x H x D 24 x 24 x 24) Inches Approx.</p> <p>WORK AREA SPECIFICATIONS:</p> <ol style="list-style-type: none"> <li>1. Stainless Steel interior work area 304 Grade</li> <li>2. Built in utilities connection</li> <li>3. Universal electric socket with cap</li> <li>4. Double wall construction for air circulation</li> <li>5. Installed UV lamp for sterilization</li> <li>6. Two Fluorescent light</li> <li>7. Motor blowers - Static and dynamically balanced</li> <li>8. Number of motor blower- 01</li> <li>9. Air Circulation- To exhaust 30% contaminated Air and 70% recirculate inside the chamber</li> <li>10. No. of Hepa Filter- 02</li> <li>11. HEPA Filter H-14 with 99.99% efficiency at 0.3 microns (Imported)</li> </ol> <p>EXTERNAL BODY SPECIFICATIONS:</p> <ol style="list-style-type: none"> <li>1. Cold Rolled Steel</li> <li>2. Corrosion Resistant powder Coating.</li> <li>3. Adjustable Front Cover – Unbreakable Acrylic Sheet 6-8mm</li> <li>4. Counter Loading Mechanism for Front Cover.</li> <li>5. Differential Pressure gauge</li> <li>6. Time elapsed meter</li> <li>7. Power requirement : 220/50 Hz , Single Phase , Standard Power Chord</li> </ol> <p>STAND SPECIFICATIONS:</p> <ol style="list-style-type: none"> <li>1. Total External Dimension (W x H x D 30 x 32 x 28) Inches Approx.</li> <li>2. Corrosion Resistant powder Coated MS pipe</li> <li>3. Casters for transportation-Two with breaks</li> </ol>
6	Hoods, Laminar Air Flow for TPN	1	<ol style="list-style-type: none"> <li>1. Smart design</li> <li>2. Total External Dimension (W x H x D 47 x 56 x 28) Inches Approx.</li> <li>3. Powder Coated Mild Steel body with Stainless Steel table top</li> <li>4. Front protective Acrylic sheet (fixed)</li> <li>5. Pre-Filter- “5” Micron made of washable synthetic material</li> <li>6. Imported HEPA Filter, with an efficiency rating better than 99.99% for 0.3µ</li> <li>7. Motor blower with static and dynamically balanced</li> <li>8. Germicidal UV lamp-254nm</li> <li>9. Fluorescent LED Light fitting</li> </ol>

			10.Compact Body mechanical timer for indication of Filters life 11.Utilities Connections (Gases & Water)
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**Note: Single Certificate is mandatory from the following and it shall be online verifiable**

1. CE/EC (European )
2. US-FDA (US-Food and Drugs Authority)
3. MHLW (Ministry of Health Labor and Welfare)