

**OFFICE OF THE  
MANIPUR STATE AIDS CONTROL SOCIETY  
IMPHAL, MANIPUR**

Room No.204  
New Secretariat Western Block Annex.  
Building, Imphal 795001.

Sl. No. of the Tender :

Name of the party of firms in whose  
Favour the Tender has been issued :

The Project Director,  
Manipur State AIDS Control Society Imphal :

Dear /Sir,

I/We hereby submit the Tender for supply of ..... for the year 2010-11.

1. The rates quoted include all taxes except the Central Sales Tax at the rate of 4% (four percent)percent and Local Sales Tax/VAT(Value Added Tax) for local firms in Manipur at F.O.R Manipur State AIDS Control Society, Imphal i.e HOME DELIVERY .
2. I/We hereby agree to all the Terms & Conditions stipulated by the Manipur State AIDS Control Society ,Imphal in this connection delivery or penalty etc. The quotations are submitted herewith under sealed cover.
3. I/We have noted that overwritten entries shall be rejected unless duly cut or rewritten and initialled.
4. The Tenders are duly signed (no thumb impression shall be affixed)

**Yours faithfully,**

Enclosed: As above

**Signature of the Tenderer(s)  
And Address in full.**

**WITNESSES**

1. **NAME** :  
**ADDRESS** :

2. **NAME** :  
**ADDRESS** :

## LISTS OF BLOOD BANK EQUIPMENTS FOR THE MODEL BLOOD BANK.

Sl. no	Particulars	Specifications	Qty
1.	Plasma Expressor (Manual)	<ul style="list-style-type: none"> <li>▪ Should be suitable to extract blood components(plasma, platelets) from collection container.</li> <li>▪ Mode of operation : Manual</li> <li>▪ Front panel should be spring loaded to uniform pressure on container causing transfer of fluid.</li> <li>▪ Compression plate should be made of transparent acrylic, durable.</li> <li>▪ Metal used for the equipment should be non-corrosive and can be cleaned with antiseptics.</li> <li>▪ Base portion and vertical surface should be made to have better strength and long lasting performance</li> </ul>	2
2.	Digital Analytical Balance (Single pan)	<ul style="list-style-type: none"> <li>▪ Capacity : 200grams</li> <li>▪ Readability : 0.001 gram</li> <li>▪ Linearity : ±0.002 gram</li> <li>▪ Reproducibility: ±0.001 gram</li> <li>▪ Stainless Steel Pan Dimension: to be declared.</li> <li>▪ Features: Percentage weighing, counting tar (0-200 grams) auto calibration with built in masses.</li> <li>▪ The balance should be supplied with draft shield.</li> <li>▪ Power Supply: 220 to 240 volts at 50 Hz, single phase.</li> <li>▪ The equipment should be suitable for 0 - 40<sup>0</sup> c at 95% ambient condition.</li> <li>▪ Complete technical specifications, illustrative technical Literature / leaflet etc. shall be enclosed along with the offer indicating the model quoted.</li> <li>▪ Complete and satisfactory type test certificate as per T/E specification shall be submitted at the time of final inspection</li> </ul>	1
3.	PH Meter	<ul style="list-style-type: none"> <li>▪ Type: Digital electronic pH Meter with combination pH electrodes.</li> <li>▪ pH Range : 0.0 to 14.0 pH with 3.5 digital display.</li> <li>▪ Millivolt Range: 0.0 to 1999 mv.</li> <li>▪ Accuracy, repeatability and resolution : 0.01 pH</li> <li>▪ Calibration solution should be provided.</li> <li>▪ Temperature compensation &amp; pH standardization: 0<sup>0</sup> to 100<sup>0</sup>c (manual)</li> <li>▪ Electric Power Supply: 220-240 volts at 50 Hz, single phase.</li> <li>▪ Ambient Temperature: 0<sup>0</sup> to 40<sup>0</sup>c (manual) 40<sup>0</sup>c at 95% RH.</li> <li>▪ Equipment shall have suitable, rechargeable battery with a battery charger.</li> <li>▪ Type and details of battery being supplied shall be clearly indicated eg.V,A H, number etc.</li> <li>▪ A suitable battery charger shall also be supplied so that charging batteries continue when the equipment on main.</li> <li>▪ Equipment shall be supplied in suitable case.</li> <li>▪ Technical literature: The firm shall positively submit printed illustrated literature/leaflet, indicating the model quoted by the firm. If quoted modal is a modified version of their any standard product that also be indicated in the offer.</li> </ul>	1
4.	Silent Generator	30KVA	2
5.	Air conditioner	1.5 ton	5

Sl.No.	Particulars	Specifications	Qty
6.	VDRL Shaker	<ul style="list-style-type: none"> <li>▪ Feature: For rotating slides for VDRL tests</li> <li>▪ Platform size 300x300 mm spring holder which can accommodate concave slides etc.</li> <li>▪ Rotation: 180 rpm continuously adjustable with regulation.</li> <li>▪ Timer: 0 to 30 minutes for control of shaking duration with 1 minute interval.</li> <li>▪ Power Supply: 220-240 volts, 50 cycles, single phase with complete chord and plug.</li> <li>▪ Technical Literature: The firm shall positively submit printed, illustrated technical literature/leaflet indicating the model quoted by them. If quoted model is a modified version of their any standard product that also be indicated in the offer.</li> </ul>	1
7.	Ultrasonic Cleaner	<ul style="list-style-type: none"> <li>▪ Table top model</li> <li>▪ Lid of SS Ultrasonic cleaner</li> <li>▪ Inner Stainless Steel (SS) tank of 8 to 10 litres capacity.</li> <li>▪ Drain in rear bottom.</li> <li>▪ Digital timer control of approximately 60 minutes.</li> <li>▪ Frequency-minimum of 35 KHz.</li> <li>▪ Built in heater of 30 to 80<sup>0</sup>c</li> <li>▪ Digital temperature monitor.</li> <li>▪ To supply inset baskets made of SS, perforated for holding goods to be cleaned-2 nos.</li> <li>▪ To be operational on 220 -240 volts at 50 Hz.</li> </ul>	1
8.	Autoclave	<ul style="list-style-type: none"> <li>▪ Capacity &gt;100 litres</li> <li>▪ Should include vacuum cycle, rapid vacuum cycle and non-vacuum cycle with or without drying.</li> <li>▪ Vacuum cycle for steam penetration test.</li> <li>▪ Pressure range 15-20 psi adjustable</li> <li>▪ Joint –less gasket.</li> <li>▪ Water inlet and outlet valve</li> <li>▪ Touch sensitive control panel.</li> </ul>	1
9.	Bench top Centrifuge	<ul style="list-style-type: none"> <li>▪ Swing out rotor for 12 test tubes</li> <li>▪ Brush- less drive motor</li> <li>▪ Built- in timer</li> <li>▪ Built-in speedometer with speed regulator, speed indication</li> <li>▪ Capable of 100-6000 rpm/min</li> <li>▪ Door closure-lid locks system.</li> <li>▪ Auto stop for speed variation.</li> <li>▪ Imbalance detector</li> <li>▪ Cushions for test tubes</li> <li>▪ Adaptors for putting micro-tubes.</li> <li>▪ To be operational on 220-240 volts at 50 Hz, single phase.</li> </ul>	2
10.	Water Bath (Serological) with Stirrer	<ul style="list-style-type: none"> <li>▪ Stainless Steel Chamber.</li> <li>▪ Adjustable temperature (Range 10<sup>0</sup>C-70<sup>0</sup>C)</li> <li>▪ Slot for thermometer</li> <li>▪ Visual display of temperature</li> <li>▪ Stainless steel top cover with stirrer</li> <li>▪ Internal dimension 2'x1.5'x1' which can accommodate two standard test tube racks</li> </ul>	1
11.	Needle destroyer and Shredders	<ul style="list-style-type: none"> <li>▪ Equipment for safe and quick disposal of used syringes and needles to free from infections.</li> <li>▪ The needles are destroyed by melting the same using induction heating principles.</li> <li>▪ Unit to have a generator to generate required power for induction heating to convert hypodermic needles into its original harmless components.(Chromium Oxide, Nickel Oxide, Ferrous Oxide).</li> <li>▪ Pair of Alloy Electrodes to melt the needles on contact of over 1500<sup>0</sup> C.</li> <li>▪ Mounting of electrodes in such a way as to melt the needle fully (length-wise).</li> <li>▪ Built in Stainless Steel (SS) sharp blade cutter to cut the barrel of the syringe.</li> <li>▪ Needle destruction rate 2-3 needles per minute.</li> <li>▪ Provision of collection tray (removable) for needle refuses and syringe barrel butts. Tray to have a see through panel to view waste</li> </ul>	1

Sl. No.	Particulars	Specifications	Qty
	Contd..	<p><b>Capacity</b></p> <ul style="list-style-type: none"> <li>▪ Container capacity 500 needles and syringes container cum stand for 500 syringes approximately. Unit is housed in a neat power coated metal box with provision of ON/OFF switch, pilot lamp and safety fuse. Audio visual indication with buzzer for completion of needle crushing.</li> <li>▪ Power chord with suitable plug is provided.</li> <li>▪ Power Supply:220-240 Volts, at 50 Hz, Single Phase. Rechargeable battery backup 12 volts or higher as per suitability. Unit available with accidental safety devise electric shock prevention with automatic cut off.</li> <li>▪ Temperature setting: Programmable from ambient temperature to 56 °C.</li> <li>▪ Should have two separate basket assemblies with built in fingers for securely holding the plasma bags of all sizes.</li> <li>▪ Should have an alarm when the plasma bags are thawed.</li> <li>▪ Provision for programmable time setting for length of thawing.</li> <li>▪ Should have digital timer clearly displaying the programmed set time or remaining cycle in minutes.</li> <li>▪ Should have audio visual over- temperature alarm system.</li> <li>▪ Should have a deep thawing chamber with a stirrer.</li> <li>▪ Should have a system to drain the chamber within 3 minutes.</li> <li>▪ Should have supplied with a cover to keep the unit covered when not in use.</li> <li>▪ Quick thawing (&lt;20 minutes)</li> <li>▪ Alarms for: Overheating, operation complete.</li> <li>▪ Simple to operate, easy to read LED display.</li> <li>▪ Power supply: 220-240 volts at 50 Hz, single phase.</li> </ul> <p><b>Accessories</b></p> <ul style="list-style-type: none"> <li>▪ Plastic over wrap bag.</li> <li>▪ Frozen plasma bag holder.</li> <li>▪ Compression rack holder.</li> <li>▪ Reference glass thermometer.</li> </ul>	
12.	Distilled Water Still	<ul style="list-style-type: none"> <li>▪ Capacity of 5 litres.</li> <li>▪ Made of Stainless Steel.</li> <li>▪ With ISI Mark.</li> </ul>	<b>1</b>
13.	Double Pan Balance	<ul style="list-style-type: none"> <li>▪ Two independent weight sensors &amp; display weight differences range 0-2500gms .</li> <li>▪ Weight measurement range 0-2500gms.</li> <li>▪ Weight sensors.</li> <li>▪ Accuracy: ±2gms.</li> <li>▪ LED Display.</li> <li>▪ Automatic "0" facility.</li> <li>▪ Accessories like power adaptor.</li> </ul>	<b>1</b>
14.	Binocular Microscope	<ul style="list-style-type: none"> <li>▪ Body - Inter changeable, inclined Binocular body, rotatable through 360 degree.</li> <li>▪ Eyepieces - Highest quality 10X wide field eyepiece. Highest quality 7X oil immersion eyepiece.</li> <li>▪ Objectives -Para focal, Achromatic objectives, 40X (N.A.0.10), 10X (N.A.0.65) and 100X (N.A.1.30), (Oil immersion, spring loaded).</li> <li>▪ Stage-Horizontal mechanical stage 100 x 140 mm with fine vernier graduations designed with convenient coaxial adjustment for slide manipulation through 30 x 70 mm. Horizontal stage eliminates overflowing of immersions oil, wet slides or mounting fluid.</li> <li>▪ Sub stage -Mirror unit with Abbe condenser (N.A. 1.25) focusable with rack pinion through 25 mm continuously variable iris diaphragm with built-in swing out filter holder and removable blue filter for fine adjustment of illumination.</li> <li>▪ Illuminator- Built-in Halogen light source with precentaged light condenser.</li> <li>▪ Finish-A durable textured acid resistant finish.</li> </ul>	

Sl. No.	Particulars	Specifications	Qty
	Contd...	<p><b><u>Other Features</u></b></p> <p>Exclusive present focus lock prevents damage to valuable slides and objectives</p> <p>Enclosed rack and pinion focus slides prevent wear due to dust and dirt.</p> <p>Fingertip-reach adjustment knobs located conveniently together in the “ready region”</p> <p>Coarse focus range- 28 mm. Fine focus range – 2mm</p> <p>Magnifications range between 20X and 1500X</p> <p>Smooth and reliable course and fine focusing controls.</p> <p>Electrical safety certification</p> <p>Warranty - 2 Years</p>	<b>2</b>
15	Walk-in-Cooler	<p>Cooling unit for chiller : 1.5 HP unit (RUAH01012KP) Single Phase</p> <p>Capacity for chiller:10000 BTUH at 4 Deg.C</p> <p>Type of compressors: Hermetic, Two compressor</p> <p>Compressor run time : 18 hours</p> <p>Refrigerant : R-22</p> <p>Product Entering temp. : Pre cooler at +5 Deg.C</p> <p>Product Load: 300 Kg/day.</p> <p>Cold Room PUF panels 60mm</p> <p>Pre painted GI sheet with the one size of 11x10x10 with GI anti set skid floor panels.</p> <p>BSL /make refrigerated units.</p> <p>For chiller 1.5 HP capacity 1 phase.</p> <p>Aluminum Racks 7”x6”x8”</p> <p>(5 Racks x 4 partitions)</p> <p>Stabilizer single phase.</p>	<b>1</b>
	Data Logger with software CD	Can read data via USB port which will record the temperature as per the customer’s requirement.	<b>1</b>