

1.	मिसिल संख्या	6-89/09- एन.आर.सी.पी.बी / 8022-36	दिनांक: 03/12/09
	उपकरण का नाम	fलेक्ट्रोफोरोसिस यूनिट पावर पैक के साठ खरीदने हेतु	
	अंतिम तिथि	18-12-09	
	Specification	<p style="text-align: center;"><b><u>Electrophoresis</u></b></p> <p>Specifications for Power Pack Universal Power Supply</p> <p>Output specifications 500 V, 2.5 A, 500 W</p> <p>Output range (programmable) 10-500 V, fully adjustable in 1 V increments 0.01-2.5 A, fully adjustable in 0.001 A increments 1-500 W, fully adjustable in 1 W increments</p> <p>Type of output Constant voltage, constant current, or constant power with automatic crossover</p> <p>Output terminals 4 pair recessed banana jacks in parallel</p> <p>Timer control 1 min to 99 hr, 59 min, fully adjustable in 1 min increments</p> <p>Real-time clock Yes</p> <p>Pause/resume function Yes</p> <p>Volt-hour control 99,000 V-hr</p> <p>Display 128 x 64 pixel backlit graphics LCD</p> <p>Programmable methods Stores 9 methods, each with up to 9 steps</p> <p>Operating conditions 0-40°C; 0-95% humidity in absence of condensation</p> <p>Safety compliance EN-61010</p> <p>EMI Conforms to CE standards for emissions and immunity class A, tested at 120/230 V. TÜV EMC certification</p> <p>Safety features No-load detection; rapid resistance change detection; ground leak detection; overload/short circuit detection; over voltage protection; input line protection; auto power-up after power failure</p> <p>Input protection Fuse</p> <p>Input power (nominal) 100-120/220-240 VAC, 50 or 60 Hz, auto switching</p> <p>Stackable Yes</p> <p>Dimensions 27.5 x 34 x 10 cm (W x D x H)</p> <p>Weight 2.5 kg</p> <p><b>Note:</b> please submit EMD an account of Rs 4000- in the shape of Bank draft/ pay order in favour of Project Director, NRCPB, without EMD quotation will not be accepted.</p>	One Nos.
2	मिसिल संख्या	6-100/09- एन.आर.सी.पी.बी / 8082-96	दिनांक:

			03 / 12/09																
उपकरण का नाम	लिकवि; नाइट्रोजन कन्टेनर खरीदने हेतु																		
अंतिम तिथि	<b>18-12-09</b>																		
	<p style="text-align: center;"><b>Liquid Nitrogen Container</b></p> <p>Specifications:</p> <table> <tr> <td>Capacity</td> <td>55.0 liters</td> </tr> <tr> <td>Static evaporation loss rate</td> <td>0.43 liter/day</td> </tr> <tr> <td>Static holding time</td> <td>120 days</td> </tr> <tr> <td>Empty weight</td> <td>15.0 kgs.</td> </tr> <tr> <td>Full weight</td> <td>56.6 kgs.</td> </tr> <tr> <td>Neck diameter</td> <td>51 mm</td> </tr> <tr> <td>Overall diameter</td> <td>460 mm</td> </tr> <tr> <td>Total height</td> <td>755 mm</td> </tr> </table> <p><b>Note:</b> please submit EMD an account of Rs 3000- in the shape of Bank draft/ pay order in favour of Project Director, NRCPB, without EMD quotation will not be accepted.</p>	Capacity	55.0 liters	Static evaporation loss rate	0.43 liter/day	Static holding time	120 days	Empty weight	15.0 kgs.	Full weight	56.6 kgs.	Neck diameter	51 mm	Overall diameter	460 mm	Total height	755 mm	2 Nos.	
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3	मिसिल संख्या	6-96/09- एन.आर.सी.पी.बी / 8067-81	दिनांक: 03 / 12/09																
उपकरण का नाम	रेफ्रीजरेटर माइक्रोसेन्टीफ्यूज खरीदने हेतु																		
अंतिम तिथि	<b>18-12-09</b>																		
	<p>Refrigerated micro centrifuge</p> <p>System should be microprocessor controlled, programmable, large and individual digital display for easy visibility of different system parameters, have touch key pads for easy data entry, safety features like lid open and lid interlock, noise level should be less than 65dB; maximum Speed: 13000 rpm or higher; maximum RCF: 17000 X g or more; temperature set range should be from -5°C to +40°C; should be supplied with a 30 X 1.5/2ml /0.2ml rotor for micro tubes; with best safety standards and fast acceleration/ deceleration approx 12 sec. Only licensed and authorized system should be quoted with all accessories, minimum one year on-site warranty, annual maintenance contract, compatible stabilizer, list of satisfied users, original technical literature and operation manual, installation, on-site and in-lab system- application training of all project staff, continuous technical support from qualified service engineers, assurance for prompt supply of essential consumables to conduct analysis with the instrument and</p>	1 Nos.																	

		<p>compliance statement of specifications with deviations clearly marked.</p> <p><b>Note:</b> please submit EMD an account of Rs 7000- in the shape of Bank draft/ pay order in favour of Project Director, NRCPB, without EMD quotation will not be accepted.</p>	
4	मिसिल संख्या	6-95/09- एन.आर.सी.पी.बी / 8052-66	दिनांक: 03 / 12/09
	उपकरण का नाम	डियोनिजर खरीदने हेतु	
	अंतिम तिथि	18-12-09	
		<p><b>SPECIFICATIONS FOR DEIONIZER</b></p> <p><b>Water quality (appropriate for molecular biology work)</b></p> <p>Endotoxins: &lt; 0.001 EU/ml</p> <p>Resistivity: &lt;18.2Mega Ohm.cm</p> <p>Bacteria: &lt;1 cfu/ml</p> <p>Flow rate: 3lt/hr</p> <p>TOC: &lt;10ppb</p> <p>Paricles&gt;0.2 um &lt;1/ml</p> <p><b>Digital display of resistivity</b></p> <p><b>RO and mixed bed ion exchange resins in same pack</b></p> <p><b>With UV lamp</b></p> <p><b>Water softener to be fitted before deionizer</b></p> <p><b>Note:</b> please submit EMD an account of Rs 3000- in the shape of Bank draft/ pay order in favour of Project Director, NRCPB, without EMD quotation will not be accepted.</p>	1 Nos.
5	मिसिल संख्या	6-88/09- एन.आर.सी.पी.बी / 8037-51	दिनांक: 03 / 12/09
	उपकरण का नाम	डिजिटल डाटा रिकॉर्डिंग बायोनोमिटर खरीदने हेतु	

	अंतिम तिथि	<b>18-12-09</b>	
		<p><b><u>Specifications for Digital Dry Bath</u></b></p> <ul style="list-style-type: none"> <li>Precise temperature control with active cooling and heating.</li> <li>Temperature control range from 30°C below room temperature to 99°C (-5°C to 99°C).</li> <li>Incubating accuracy <math>\pm 1.0^\circ\text{C}</math> at 0°C, <math>\pm 0.5^\circ\text{C}</math> at 37°C, <math>\pm 1.0^\circ\text{C}</math> at 90°C.</li> <li>It should have <b>Heating rate</b> 5°C.</li> <li>It should have <b>Cooling rate</b> 6°C/min between 99°C and 25°C 1.5°C/ min between 25°C and -5°C.</li> <li>It should have individual programming of up to four separate temperature and time phases and temperature ramps.</li> <li>Timer: 1 min to 99:59 hours, continuous.</li> <li>It should have pause function also.</li> <li>RS-232 interface for remote control and documentation.</li> <li>Power supply should have 100-240 V, 50-60 Hz (75 W).</li> <li>It should have thermo block options for 0.5 ml, 1.5 ml, 2.0 ml, 8x15 ml, 4x 50 ml tube, MTPs and Deepwell plates, 96 well PCR tube/Plate, cryo tubes and slides for hybridization experiments.</li> <li><b><u>Thermo blocks required:</u></b> for 96 well PCR tube/Plate, 1.5/2 ml tubes, 15/50 ml tubes.</li> </ul> <p>Note: Please Submit EMD an account of Rs. 2000/- In the shape of Bank Draft/ Pay Order in favour of Project Director, NRCPB without EMD Quotation will be not be accepted.</p>	1 Nos.
6	मिसिल संख्या	6-87/09- एन.आर.सी.पी.बी / 8006-20	दिनांक: 03 / 12/09
	उपकरण का नाम	सिपलिट ए0 सी0 खरीदने हेतु	
	अंतिम तिथि	<b>15-12-09</b>	
1		<p><b>SPLIT AC</b></p> <p><b><u>Specifications:</u></b></p> <p><b>Capacity</b></p> <p>Cooling (Watts) 5275</p> <p>Compressor Rotary</p> <p><b>Electricity Rating</b></p> <p>Power Supply (Volt/Phase/Hz) 230/Single/50</p>	4 Nos.

		Power Input (Watts)	1660	
		Running Current (Amps)	7.5	
		<b>Performance</b>		
		EER (W/W)	3.18	
		Star Rating	5	
		Air circulation (In/Out) (CFM)	565/1600	
		Noise Level (Indoor) (db)	38	
		<b>Operation</b>		
		Panel Display Display (88 segment)	Magic	
		Remote Control (Big size)	LCD Flap	
		<b>Filters</b>		
		Anti-Bacteria Filter	Yes	
		De-odourising Filter	Yes	
		3G Cyclotron Plasma	Yes	
		Allergy Care System	Yes	
		Note: Please Submit EMD an account of Rs. 6000/- In the shape of Bank Draft/ Pay Order in favour of Project Director, NRCPB without EMD Quotation will be not be accepted.		
7	मिसिल संख्या	6-98/09- एन.आर.सी.पी.बी / 8112-26		दिनांक: 03 / 12/09
	उपकरण का नाम	रोकर शेकर खरीदने हेतु		
	अंतिम तिथि	18-12-09		
	1	<b>ROCKER SHAKER (Indigenous)</b>		1 Nos.
		Motion should be rocking, maximum title angle should be 12°, it should have digital microprocessor controller, having a speed of 5 ~ 100 rpm / 1 rpm It should have 1~ 9999 mins		

		<p>with alarm, continuous / 1 min, carry capability of 15 kg , it should have a DC brushless type motor, having an operational temperature of ambient to 40° C , it should have a platform dimension (W*L) of 26 * 26, it should have a painted aluminum alloy, and also stacking platform, it should have unit dimension (W * L * H) of 260*310*130mm, it should have frame retard PC and painted iron metal rare and bottom plates, weight should be of approx. 7.0 Kg , also it should have a rated voltage of 110V / 220V, Along with 5 of 250 ml flask holder</p> <p>Note: Please Submit EMD an account of Rs. 2000/- In the shape of Bank Draft/ Pay Order in favour of Project Director, NRCPB without EMD Quotation will be not be accepted.</p>	
8	मिसिल संख्या	6-99/09- एन.आर.सी.पी.बी / 8097-8111	दिनांक: 03 / 12/09
	उपकरण का नाम	©र्मो मिक्सर खरीदने हेतु	
	अंतिम तिथि	18-12-09	
	1	<p><b>THERMO MIXER</b></p> <p>Temperature range should be from 13° C below RT to 99° C, settings should be from 1° C to 99° C, having a mixing speed of 300 – 1500 rpm, it should have an incubating accuracy of ± 0.5° C between C and 45° C, ± 2° C below 20° C and above 45° C, it should have a heating speed of approx. 5 ° C / min , and cooling speed of 2 – 3 ° C / min between 99 ° C and RT, 0.5 – 1° C / min between RT and 13 ° C below RT, it should have a timer of 1 min to 99 : 59 h, continuous, it should have a mixing orbit of 3mm , power supply of 100-240 V, 50 -60 Hz, it should have 90 W of power requirement, interface of RS 232, dimensions (W * D * H) of 22 * 25 * 12.5 cm, and weigh 3.2 Kg.</p> <p>Accessories: Adaptor plate for 96*0.2 ml PCR tubes and PCR plates 96 to insert in exchangeable thermo block, 4 slides, for hybridization experiments.</p> <p>Note: Please Submit EMD an account of Rs. 2000/- In the shape of Bank Draft/ Pay Order in favour of Project Director, NRCPB without EMD Quotation will be not be accepted.</p>	1 Nos.