

1.	मिसिल संख्या	6-106/09- एन.आर.सी.पी.बी / 8301-15	दिनांक: 07 / 12/09
	उपकरण का नाम	टर्बो ह्युमिडाईफायर फोगर कमरे के लिए size: 8'x12'x8' खरीदने हेतु	
	अंतिम तिथि	22-01-10	
	Specification	<p>Turbo Humidifier fogger for room size: 8'x12'x8' Based on Ultracell technology, the Turbo Humidifier Fogger generates very fine water particles of about 3m which are plant friendly. A standard fog particle is 40m & smaller. The Humidifier fogger is free from heating element, thus there is a big economic saving from wasteful energy. The Fogger is also free from nozzles which get choked more often because of certain compounds present even in filtered water. The fogger is also free from double or single splash plates which un often provides fungus contamination. So, by using Turbo Humidifier the plants get excellent fine fog for growth.</p> <ol style="list-style-type: none"> 1. The Humidifier prevents the plant in the culture tube from getting dried if it contains Agar in it. 2. It is very helpful for the growth of insects in the insectory. 3. The Humidifier increases the humidity level and thus enhances the growth of cuticle in plants inside the greenhouse. <p>(Technical): Operating volts 220 ± 8%. Phase single temp. 10 to 45°C, RH up to 90%. Watts 482. It can be operated i.e. can be automatically switched on-off by attaching any humidity controller.</p> <p>Note: please submit EMD an account of Rs 1400- in the shape of Bank draft/ pay order in favour of Project Director, NRCPB, without EMD quotation will not be accepted.</p>	One No.
2.	मिसिल संख्या	6-107/09- एन.आर.सी.पी.बी / 8285-15	दिनांक: 07 / 12/09
	उपकरण का नाम	माईक्रोसेन्ट्रीफ्यूज खरीदने हेतु	
	अंतिम तिथि	29-12-09	
	Specification	<p>Specifications of Micro Centrifuge</p> <ul style="list-style-type: none"> • Maximum speed: 13,300 rpm. • Maximum RCF: 17,000 x g or more. • System must have click seal biocontainment Rotor lid to ensure for proper sealing of the rotor • System should be microprocessor controlled. • System should have large and individual LED display for 	1 Nos.

		<p>easy visibility of different system parameters.</p> <ul style="list-style-type: none"> • System should have touch key pads for easy data entry. • Chamber should be made steel. • System should have safety features like lid lock and lid interlock. • Sound level should be less than 55dB. • Should be complaint with best safety standards. • System must have fast acceleration / deceleration approx 12 sec. • System must have small footprint. • System must accept dual rotor (18x0.5 and 18x2.0 ml) without using any adaptor <p>Rotor required:</p> <p>1) Fixed angle Rotor 24x1.5/2 ml.</p> <p>Note: 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>	
3.	मिसिल संख्या	6-94/09- एन.आर.सी.पी.बी / 8142-56	दिनांक: 03 / 12/09
	उपकरण का नाम	ओटोकलेव खरीदने हेतु	
	अंतिम तिथि	18-12-09	
	Specification	<p style="text-align: center;">Specifications for Autoclave</p> <p>Features:</p> <ul style="list-style-type: none"> • Sturdy double walled construction with boiler/inner chamber made of stainless steel of 18 SWG sheet • Outer shell is made of mild steel finished with powder coated paint • The boiler and outer shell is provided with air insulation • Lid is made of SS plate and is tightened all-around by wing nuts • Moulded, joint-less gaskets are made of Neoprene rubber <p>The sterilizer is tested hydraulically up to 40 psi. The autoclaves have water level arrangements for indicating the water position inside air/steam release cock, boiler, pressure gauge, & spring loaded safety valve. This can be set at any given point within 10 psi to 20 psi \pm 3 psi and drain.</p> <p>The steam and water are heated to the specified pressure and temperature using ISI marked immersion type heating element. The autoclaves are offered with S.S. basket, cord & plug for working on 220 Volts, 50 cycles AC supply.</p>	1 Nos.

Chamber sizes

Diameter Depth load

450 X 600 mm 4.0 kw

Optional Accessories:

- Automatic low water level cut off device
- Pressure control switch
- Outer chamber made of SS Sheet instead of M.S. sheet
- Pedal lifting devil Radial locking system
- The unit includes inner chamber, steam jacket electrically heated and lid made of stainless steel works on 3-phase, A/C, 440 V, 50 HZ with safety valve, automatic pressure control switch and others.

Chamber The chamber is manufactured with stainless steel, heavy gauge, fitted with stainless steel forged ring and forged lid, chamber is fixed with two safety valve of stainless steel, water outlet valve, pressure gauge, and air inlet valve, stainless steel steam condenser, tube with stainless steel eject valve.

Steam Generator The steam generator is produced with stainless steel heavy gauge fitted with pressure gauge and water draining valve.

Outer Cover The outer cover is manufactured with stainless steel, duly insulated with high density mineral wool from the inner chamber and fitted with stable legs.

Principle The steam produced from the jacket and gets condensed with the help of the eject valve which goes through condensin tube and the dry steam gets into the chamber to penetral into the packs contained in the chamber.

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 not be accepted.

4.	मिसिल संख्या	6-97/09- एन.आर.सी.पी.बी / 8127-41	दिनांक: 03 / 12/09
	उपकरण का नाम	यू0 वी0 कोसलिंगर खरीदने हेतु	
	अंतिम तिथि	18-12-09	
	Specification	<p><u>Specification for UVC 5000 Ultraviolet Crosslinker, 115 VAC (K.C. B.)</u></p> <p>The new UVC 5000 UV CROSSLINKER features a pull-out drawer and microprocessor controls to ensure optimal UV irradiation of DNA. It is also suitable for UV bonding and photoniccking of DNA.</p> <ul style="list-style-type: none"> • The crosslinker can also be stacked on top of Hybridization Oven to maximize laboratory space. • Choice of preset and manual controls for energy or time-limit exposures. Prese limits deliver 120,000 μJ or five min of exposure. • Large LED display and touch keypad. • UV-blocking window allows safe viewing of the process. • Microprocessor measures and controls UV output, ensuring maximum dose consistency. <p>TECHNICAL SPECIFICATIONS</p> <ul style="list-style-type: none"> • UV Lamps: Five 8 W 254 nm UV dual bi-pin discharge type tubes. • Maximum Settings: Energy: 999,900 $\mu\text{J}/\text{cm}^2$; Time: 999.9 min • Features: Microprocessor controlled UV sensor feedback system, large LED readout, multiple set functions (pre-set or user-specified UV energy or time) • Unit Dimensions (W x H x D): external: 44.5 x 24.1 x 38.1 cm (17.5" x 9.5" x 15.0") chamber: 28.9 x 8.6 x 28.6 cm (11.38" x 3.38" x 11.25") • Safety Certifications: EN61010-1, UL 3101-1, CSA22.2 1010-1, CE <p>Package includes UV Crosslinker, with 5 UV Lamps (254 nm).</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 not be accepted.</p>	1 Nos.

