

Dr. Indrani Chandra
Principal Investigator



Department of Biotechnology
The University of Burdwan
Golabag, Burdwan 713 104
9433193779

✉: ichandra_001@rediffmail.com

TENDER NOTICE

Sealed quotations are hereby invited from reputed vendors for supplying the following items (s) mentioned below under Department of Higher Education, Science & Technology and Biotechnology (DHESTBT), Government of West Bengal Sponsored Research Project. The price quoted must be including of all taxes. The vendor (s) with GST Registration must have to submit GST bills. Duly sealed envelope along with all the documents should be submitted to Dr. Indrani Chandra, Principal Investigator, DHESTBT Sponsored Research Project, Department of Biotechnology, The University of Burdwan, Golabag, Burdwan- 713104, West Bengal on or before **September 17, 2018 at 04-00 pm.**

Sl. No.	Item	Specification	Catalog No.	Manufacturer	Unit Price
1.	Conical Flask	100 ml		Borosil	
2.	Conical Flask	250 ml		Borosil	
3.	Conical Flask	500 ml		Borosil	
4.	Conical Flask	1000 ml		Borosil	
5.	Measuring cylinder	100 ml		Borosil	
6.	Beaker	100 ml		Borosil	
7.	Beaker	250 ml		Borosil	
8.	Culture tube	25 × 150 mm		Borosil	
9.	Variable autoclavable micropipette	10 µl		Tarsons/Microlit	
10.	Variable autoclavable micropipette	100 µl		Tarsons/Microlit	
11.	Variable autoclavable micropipette	1000 µl		Tarsons/Microlit	
12.	Phyta jar	Vented Plant Tissue	PW1143-25No	Himedia	
13.	Phyta jar	Vented Plant Tissue	PW1303-10No	Himedia	
14.	Stainless Steel Scalpel Holder No. 3		LA829-2No	Himedia	

15.	Stainless Steel Scalpel Blade		LA769-1×100 No	Himedia	
16.	Stainless Steel Scalpel Blade		LA770-1×100 No	Himedia	
17.	Snap-cap Culture tube	25 × 150 mm		Borosil/ Sigma Aldrich	
18.	Centrifuge tube	15 ml		Tarsons	
19.	Centrifuge tube	50 ml		Tarsons	
20.	Dialysis tube	6.3 mm pack of 30 meter	LA-653	Himedia	
21.	Cotton	Non absorbent		Local make	
22.	Bandage			Local make	
23.	Plastic pot	Round		Local make	
24.	Syringe Filter for HPLC	0.2 µm PTFE Membrane		PALL	
25.	Desiccator			Borosil	
26.	PCR Tube			Tarsons	
27.	Micro centrifuge tube	2ml		Tarsons	
28.	Scap cap for Plant Tissue Culture tube	25 × 150 mm		Borosil/Tarsons	

Terms and conditions:

1. The envelope must be superscripted as **“Quotation for Glass goods and Plastic-wares for DHESBTB Sponsored Research Project”**.
2. Only GST registered vendors will be considered.
3. Quoted price should be inclusive of taxes.
4. No carrying cost will be allowed for the purchased items.
5. Purchase Committee has every right to look after the quality of the items.
6. Incomplete quotations will be liable to cancellation.

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Sl. No.	Item	Specification	Catalog no.	Manufacturer	Unit Price
1.	MS with Vitamin and sucrose without Calcium Chloride and agar	25 L	PT010-25L	Himedia	
2.	Calcium chloride	500 gm		MERCK	
3.	MS medium with Vitamin, without Calcium chloride, agar, sucrose	5 L	PT018-5L	Himedia	
4.	Agar agar	500 gm		Himedia	
5.	Gamborg B5 medium	5L	PT-016-5L	Himedia	
6.	Kinetin	1G	K0753-1G	Sigma Aldrich	
7.	Strawberry Multiplication medium	5L	PT-117-5L	Himedia	
8.	Strawberry rooting medium	5L	PT118-5L	Himedia	
9.	Charcoal activated				
10.	RNase solution	2 ml	DS0003-2ml	Himedia	
11.	100 bp DNA ladder		MBT049-50LN	Himedia	
12.	1Kb DNA ladder		MBT051-50LN	Himedia	
13.	Eco RI	500 U	MBRE001-500U	Himedia	

14.	Bam HI	500 U	MBRE002-500 U	Himedia	
15.	Hind III	500 U	MBRE003-500 U	Himedia	
16.	Prestained Protein Ladder	500 µL (10 KD- 250 KDa)	MBT092-10LN	Himedia	
17.	HPLC grade Carbinol	2.5 L		MERCK	
18.	Diluent DNA solution	500 ml		Himedia	
19.	Taq Polymerase	5 U/ml		Himedia/Sigma Aldrich	
20.	DNTPs Mix	1ml		Himedia/Sigma Aldrich	
21.	10 X PCR buffer with 15 mM MgCl ₂	4		Himedia/Sigma Aldrich	
22.	BAP	1 G	B3408-1G	Sigma Aldrich	
23.	IBA	1 G	I5386-1G	Sigma Aldrich	
24.	NAA	25 G	N0640-25G	Sigma Aldrich	

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Sl. No.	Item	Manufacturer	Specification
1.	Vacuum Rotary Evaporator with Chiller	BIOBASE Rotary Vacuum Evaporator system model RE-100 Pro & Water Circulating Vacuum Pump (aspirator) model : SHZ- DIII and Chiller	Rotary Bottle- 1L Collecting Bottle- 1L Display- LCD Rotating Speed- 20~280rpm Temp. Range- RT~180 Temp. Accuracy ± 1 Lift- Motor Stroke Height- 150mm Timing Range- 1~999 min Motor- DC brushless motor Power- 1400 W Rotation- Reversible Direction Interface- USB Consumption- 1400w Power Supply - AC 110/220V $\pm 10\%$, 50/60Hz Pump Head: 2 Speed of Evacuation: 10L/Min Vacuum: 0.098Mpa Circulating Pump Flow: 20 L/MIN Pump Lift: 8m Material: Stainless Steel Consumption: 180W Capacity: 15L Power Supply: AC 220V $\pm 10\%$, 50Hz

			<p>Chiller: Bath Capacity: 8 Liters Material of Bath Interior: Stainless Steel 304 quality. Material of Bath Interior: Powder coated CRC Sheet CFC Free Refrigeration Temperature Range: ambient to 0°C Mode of temperature: By a Digital Controller Control & Indication: cum Indicator Accuracy Control: +/- 0.5°C Pump Flow Rate: 4 to 6 liters/minute Pump Suction Pressure: 300 mbar Operable Voltage: 220/230 V,50 Hz, S.P, AC Mains</p>
2.	CLASS II A2 Biological Safety Cabinet	BIOBASE CLASS II A2 Biological Safety Cabinet Model- 11231BBC86	<p>External Size(W*D*H)-700*650*1230 mm Internal Size(W*D*H)- 600*500*540 mm Tested Opening-Safety Height \leq 200 mm Max Opening- 370 mm Inflow Velocity- 0.53\pm0.025 m/s Down Flow Velocity- 0.33\pm0.025 m/s HEPA Filter- Two, 99.999% efficient at 0.3μm. Filter life indicator. Front Window- Motorized. Two-layer laminated toughened glass \geq 5mm. Anti UV. Noise- EN12469 \leq 58 dB / NSF49 \leq 61 dB UV Lamp- 15W*1, UV timer, UV life indicator, emission of 253.7 nano meters for most efficient decontamination. Fluorescent Lamp- 40W*1 Illumination\geq1000Lux Consumption- 500W Socket- Two, total load of two sockets: 500W Display- LCD display: exhaust filter and downflow filter pressure, filter and UV lamp working time, inflow and downflow velocity, filter life, humidity and temperature, system working time etc. Control System-Microprocessor Airflow System- 70% air recirculation, 30% air exhaust Visual and Audio alarm- Filter replacement, window over height, abnormal air flow velocity. Material- Work Zone: 304 stainless steel Main Body: Cold-rolled steel with anti-bacteria powder coating. Work Surface Height- 750mm with optionalbase stand Power Supply</p>

			110/220V±10%, 60/50Hz Standard Accessory- Fluorescent lamp, UV lamp*2, Remote control, Waterproof sockets*2
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6. Incomplete quotations will be liable to cancellation.
7. The suppliers must also include terms & conditions for the after sales service details.