



UNIVERSITY OF CALCUTTA
CENTRE OF ADVANCED STUDY
DEPARTMENT OF BOTANY
35, Ballygunge Circular Road, Kolkata – 700019

Enq No.: UGC-UPE 19-20/BOT/SP/CON/1

Date: 1/7/2019

Quotation Notification

Quotations are being invited for the purchase of consumable items under the Grant UGC-UPE 2019-20 mentioned below:

SL No.	Item Description	Specification
1	BOD Incubator Shaker with Humidity control	<p style="text-align: center;">Technical Specification :-</p> <p>Base features a 6 cu. ft. storage compartment Working Chamber : Triple wall construction Construction : Inner made of 304 S.S Outer Chamber : MS with powder coating paint finish. Insulation : 3" Glass wool between the two walls. Door : Double door provided , Inner glass door and outer insulated double walled sheet. Temp. Range : 5°C to 60°C Temperature control : Microprocessor based PID control with PT-100 Sensor. -5° to 60°C (10° to 55°C with lights on) 24-hr. timer & Temperature programming for lighting and temperature. Removable front control panel allows maintenance without disturbing experiments Light : Four 20w adjustable fluorescent lamps plus two fixed 25w incandescent lamps provide more than 1000fc of illumination Speed Range : 40 rpm to 250 rpm with RPM meter Sensor : PT 100 Sensor Blower : 1no Speed Control : Controlled by Variac speed regulator Time Range : Continuously 4-5 days Shaker motor : Heavy duty motor shall be provided on a heavy sturdy angle iron frame. No. of Shelves : 1nos. Removable Platform 2nos Removable Shelves Your shaking amplitude is: 1.5 inch Shaker will be restart at present speed in case of power failure. UV lamp shall be provided: 1 no Interior-reflective door glass keeps ambient light out Humidity Creation Through sophisticated steam injection process Humidity range 40% to 90%RH Should have strong service set up in Kolkata. Power : 220V, 50/60 Hz Complete with voltage stabilizer</p>

Interested vendors are requested to submit their sealed quotations addressing to Prof. Santanu Paul, Department of Botany, University of Calcutta and in following format by 10/7/2019 (4 pm).

Sl No	Item Details	Make & Catalogue No	Price (Rs)	Disc.	GST * (5%)	Net Amt(Rs)
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* DSR certificate will be provided

Dr. Santanu Paul



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Enq No.: **UGC-UPE 19-20/BOT/SP/CON/2**

Date: 1/7/2019

Quotation Notification

Quotations are being invited for the purchase of consumable items under the Grant UGC-UPE 2019-20 mentioned below:

SL No.	Item Description	Specification
1	<p>HORIZONTAL LAMINAR AIR FLOW UNIT</p> <p>[CONSTRUCTION : SS304]</p> <p>Size : 24” x 24” x 24”</p>	<p>TECHNICAL SPECIFICATIONS</p> <ul style="list-style-type: none"> o Work table : SS304 Table top. o Door and Panel : Glass side panels 1-piece openable Glass front door with counterweight arrangement o Illumination : Fluorescent lights (in excess of 200 lux) o Safety Measure : UV light which aids in decontamination of the work area – 2 Nos. o Displays : Dial type Pressure Monitor <ul style="list-style-type: none"> <input type="checkbox"/> 0- 25 mm to indicate differential pressure across HEPA filter with respect to ambient. <input type="checkbox"/> Analog hour meter to monitor the usage of UV light. o Ports : DOP introduction port for upstream challenge of the HEPA filter. o Safety Socket : 5 / 15 Amp single-phase safety socket with switch for external equipment o Air/Gas Cock : Air/Gas Cock <p>Reactive Filters</p> <ul style="list-style-type: none"> <input type="checkbox"/> Separatorless Minipleat Anti-microbial HEPA Filter with an efficiency of 99.999% on monodisperse, 0.3 micron challenge. <input type="checkbox"/> Nouveau Multi Layer at biocidal rehabilitatable anti-microbial EU-6 filter with efficiency of 60-80 %. <p>Media is inherently bactericidal, fungicidal.</p> <p>Features</p> <ul style="list-style-type: none"> <input type="checkbox"/> Custombuilt direct drive type motors with impellers that are statically and dynamically balanced electronically. The machinemade impellers are sized to provide adequate airflow volumes at required total system differential pressures over the full life-cycle of the HEPA filters. <input type="checkbox"/> Enhanced motorblower execution and unique suspension mounting ensures low vibration, low noise levels. Their dynamic pressures raises all performance parameters, taking those to new benchmarks.

Interested vendors are requested to submit their sealed quotations addressing to Prof. Santanu Paul, Department of Botany, University of Calcutta and in following format by 10/7/2019 (4 pm).

Sl No	Item Details	Make & Catalogue No	Price (Rs)	Disc.	GST * (5%)	Net Amt(Rs)
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Enq No.: **UGC-UPE 19-20/BOT/SP/CON/3**

Date: 1/7/2019

Quotation Notification

Quotations are being invited for the purchase of consumable items under the Grant UGC-UPE 2019-20 mentioned below:

SL No.	Item Description	Specification
1	REMI Centrifuge	Model: R4C Rotor: R-41 and R-42

Interested vendors are requested to submit their sealed quotations addressing to Prof. Santanu Paul, Department of Botany, University of Calcutta and in following format by 10/7/2019 (4 pm).

Sl No	Item Details	Make & Catalogue No	Price (Rs)	Disc.	GST * (5%)	Net Amt(Rs)
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* DSR certificate will be provided

Dr. Santanu Paul