

THE UNIVERSITY OF BURDWAN

DEPARTMENT OF ZOOLOGY

Tender Notification/ Inviting Quotations

Ref. No. ZOO/BU/2018/DST-SERB/PM/3

Dated: 03.12.2018

Sealed Quotations are invited from reputed manufacturers/vendors/suppliers for the supply of following instruments as per specification given below to be purchased by Dr. Paramita Mandal, Department of Zoology, The University of Burdwan from budget head of the DST-SERB sponsored research project entitled "Characterization of minor capsid protein L2 and non coding region 2 of HPV16 in cervical cancer pathogenesis harboring episomal viral genomes".

Items with Specification:

Item	Specifications	Quantity
1. Biosafety cabinet	<ul style="list-style-type: none">• Type : A 2 (30% exhaust & 70% recirculation)• Size- 3’x2’x2’• Cleanliness : Class 100• Air velocity : 0.45 ± 0.05mps• Air Flow : Vertical• Particle retention : 0.3 micron• Illumination : Sealed white Light in excess of 400 lux in work spac• UV light : 1 no• Noise Level : Ensure Low vibration & low noise level• Power Supply : 220V Single Phase• Digital Manometer : 2 Nos.• Audio and visual alarm in case if the sash is opened more than 8”• DOP introduction port for upstream challenge of the HEPA/ULFA filter• Work Table : SS 304• HEPA/ULFA Filter• Digital Touch Screen• Alarm to trigger in case blower trips as a safety measure.• Warranty: 1 year	One
2. High speed centrifuge	<ul style="list-style-type: none">• Max. Speed : 15000 rpm• Max. RCF : 22000 g• Brushless drive system maintenance free• Robust design quiet running• Microprocessor control function with memory• Lid interlock and breaking system• Timer : 1 to 99 min	One

	<ul style="list-style-type: none"> • Maintenance free induction motor & ventilation system <p>Imbalance detection</p> <ul style="list-style-type: none"> • Chamber guard ring • Rotor over speed <p>Rotor Head</p> <p>2 Nos. Rotor: 24 x 1.5 / 2 ml, 16 x 15 ml</p> <ul style="list-style-type: none"> • Warranty: 1 year 	
3. Autoclave	<ul style="list-style-type: none"> • Working Chamber Size : 12" x 20" (2 KW) • Working pressure :20 lbs • Timer (o to 60 minute) withFast sterilizing cycle at 121°C. • Equipped with two stages over pressure protection system • Auto pressure cut out switch : 1 no • water level indicator : 1 no • Pressure gauge : 1No • Steam release cock : 1No • Perforated Basket : 1No SS • Inner chamber : 304 SS • outer chamber :Heavy duty MS • Autoclave Lead : 304 SS • Hydraulic tested : up to 40 P.S.I • Normal working pressure : 15 PSI. • Heat resistant handles and steam release/control valve <p>Extended life gasket & ISI marked heating element.</p> <ul style="list-style-type: none"> • Warranty: 1 year 	One
4. Micropipette set	<ul style="list-style-type: none"> • Elector works with dispensing head in any position • Dispensing head rotates for optimum pipetting convenience • Individual piston/tip cone assemblies allow easy repair and maintenance • Compound material tip cone design allows visual seal verification • Lightweight ergonomic design • Digital display clearly reads volume setting 	One

	<ul style="list-style-type: none"> • Pipette Range 0.1-2 ul / 2-20 ul / 10-100 ul / 100-1000 ul • Reduce physical stress and discomfort, help avoiding repetitive strain injury • Warranty: 1 year 	
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Terms & Conditions:

1. The equipments must be of good quality, hardy and the supplier must provide warranty/cashless after sales service for a period of at least one years after installation has been made.
2. The quotation MUST include the FINAL PRICE (inclusive of all; viz, **GST, PAN, GST, PAN, INCOME TAX RETURN, any other tax ,carrying cost, transportation cost, installation cost, discount if any, etc.**) of the respective equipment's in INR (Indian rupees).
3. The suppliers must also include terms & conditions for the after sales service details possible only at The University of Burdwan, warranty period.
4. The quotation with improper specification and brand will be rejected and not to be considered
5. All the details along with the quotation must reach the following address on or before 12th December, 2018 (11.00-4.00 PM) to **Dr. Paramita Mandal, Department of Zoology, The University of Burdwan, Golapbag-713104, Burdwan, WB, India.**

Sd/-

Dr. Paramita Mandal

Department of Zoology , BU