

UTTAR BANGA KRISHI VISWAVIDYALAYA
Pundibari, Cooch Behar, West Bengal-736165

Inviting Quotation

Re-Tender No. UBKV/Est. (T&P-02)/55/2016-17

Date: 21/03/2017

Sealed quotations are invited under two bid system viz, Part-I Technical Bid and Part-II Financial Bid from reputed manufactures/supplying agencies for supplying and installation of **Equipments/Instruments** in faculty of Agriculture as per attached list.

Last date of submission of quotations: 30/03/2017

Terms & Conditions:

1. Quotations to be submitted with a forwarding letter addressed to The Registrar, UBKV, Pundibari, Cooch Behar.
2. Covers of quotations to be dropped in Specific Tender Box kept in Receipt and Dispatch Section in Registrar Office. UBKV, Pundibari, Cooch Behar.
3. The Technical Bid shall comprises of Self attested Photocopy of the following documents:-
 - i) Valid copy of Trade License,
 - ii) Photocopy of PAN Card,
 - iii) Registration certificate of VAT/ CST/P-Tax, along-with latest clearance certificate,
 - iv) Service Tax Registration No., along-with latest clearance certificate,
 - v) Dealership/ Manufacturing/SSI certificate;
 - vi) ISO Certificate (if any)
 - vii) Credentiaity/ User list with photographs,
 - viii) Full specification of items if applicable
 - ix) Annexure-B
4. The Financial Bid comprises of rate of items per unit including applicable taxes, Installation charges, incidental charges, extent of discount (as applicable)
5. The Technical Bid and Financial Bid should be submitted in two separate sealed envelopes with broad heading mentioning the name of the item and Tender No. on the top of the envelopes. The sealed envelope of Technical Bid and Financial Bid shall be submitted in a large sealed cover and further mentioning the name of the Item and Tender number on the Top of the Envelope and to be addressed to the Registrar, UBKV, Pundibari, Cooch Behar.
6. The materials should be delivered at site by the Supplier at their own cost and responsibility.
7. The University reserves the right to accept or reject any or all tenders without giving any reason whatsoever.

Sd/-
Registrar (Actg)

Encl: List of Instruments

Sl. No.	Items	Specification	Qty.
01	Protein electrophoresis unit & power pack Preferred Brand/Model: ATTO AE 6450+AE 8135.	Electrophoresis Unit <ul style="list-style-type: none"> • Gel size : 9 × 8 cm • Gel thickness : 1mm • Plate size : 120 × 102 × 7mm • Buffer volume :140 + 200 ml • Sample well : 12 wells • Plate Setting: With Pressure Platen • Complete with 1 electrophoresis chamber a safety cover with power leads, a core assembly, 2 gel holders & dummy plate, 2 pairs of glass plates, 4 clips, 2 combs, 2 gaskets, ready to cast and run two 1-mm 12-well gels. Power Pack: <ul style="list-style-type: none"> • Constant output: 1 to 300 VDC @ 1V 1 to 400 mA @ 1 mA • Output : Constant voltage and Constant current, Automatic crossover • Timer: 1 to 999 minutes with alarm buzzer • Power outlet: 2 pairs in parallel • Display: LED digital • Features: Power Failure Detection (PFD) Function, Automatic Recovery System, Automatic output shutdown, against short or open circuit. • Warranty : 1 Year 	01 Pc
02	PCR machine Preferred Brand/Model: Applied Bio-systems, Veriti	<ul style="list-style-type: none"> • PCR of 96 well with 6 separate peltier blocks, each with 16 wells to provide independent temperature zones • Each block with the ability to set up PCR with a temperature differential of up to 5°C • Facility to run up to 6 separate temperatures in the same plate with user defined time • On board Tm calculator facility. • Facility for Standard and fast run modes with the ability to use 0.2ml / 0.1ml PCR tubes or micro-well plates. • Should support PCR volumes ranging from 10 to 80 µl • Temperature Range: 0-100°C, Max Block Rate: 3.9 °C /sec, Max Sample Rate: 3.35 °C /sec <p>Color touch screen, Choice of saving methods to instrument or USB memory stick, Programmable heat lid cover from 50–105°C for efficient PCR optimization, Scalability and Security features, USB port, duly certified / authorized for PCR process</p>	01 Pc
03	Agarose Gel Electrophoresis Unit Preferred Brand/Model : ATTO AE 6111 Electrophoresis unit:	<ul style="list-style-type: none"> • Gel Size : 12 × 16 cm • Gel Thickness :Upto 8mm • Type : Horizontal • Sample Wells : 1 mm 26 wells & 13 wells • Comb Tooth Length : 12 mm • Buffer Volume : 700 -1200 mL • Material: Acrylic plastic, except platinum for electrodes, polycarbonate for safety cover, polypropylene for combs. <p>Complete with: 1 electrophoresis chamber including. safety lid with power leads, a 12 × 16 cm gel tray with 2 dams, 1 comb holder and 1 comb for 1 mm, 26 & 13 wells</p>	01 Pc

04	<p>Power point presenter</p> <p>Preferred Brand/Model:</p> <p>Logitech R800</p>	<ul style="list-style-type: none"> • Dimensions (H x W x D): 38 mm x 134 mm x 28 mm • Receiver Dimensions (H x W x D): 16.5 mm x 58.6 mm x 7.9 mm • Color: Black • Laser Class: Class 3 Laser • Max Output: Less than 1mW • Wave Length: 522~542 nm (green light) • Battery type: 2 AAA batteries • Battery life (Laser pointer): 20-hour maximum • Battery life (Presenter): 1050-hour maximum • Wireless operating distance: Approx 30m • Wireless technology: 2.4 GHz wireless technology • Supported OS: Windows Vista, Windows 7, Windows 8, Windows 10 • Interface: USB • Accessories: Carrying case • Warranty: 3 years 	01 pc
05	<p>Knapsac Sprayer,</p> <p>Preferred Model:</p> <p>Hymax / Kisankraft /Aspee</p>	<ul style="list-style-type: none"> • Light Weight Sprayer • Strong Blow Moulded Tank • Plastic Base Without Bolts • Continuous Mist Spray • ForgedBrass Pressure Chamber • Adjustable Nylon Belt • Spray Lance : Brass • Tank: HDPE • Type: Inside /Outside • Capacity:16 Ltrs • Warranty: 1 year 	01 pc
06	<p>Shaker Horizontal (any standard make or equivalent to REMI)</p>	<ul style="list-style-type: none"> • Heavy duty mechanical horizontal shaker • Angle iron construction and Mild Steel Tray with size of 36" x 18" x 4" • Epoxy paint • Fly nut, steel rod with rubber tube lining to accommodate different sizes of flask • Auto-Variac controlled Shaking Motion • Speed Range : 50-150 r.p.m • Power Requirement :220 Volts Single Phase A.C • Warranty : 2 years 	01 pc
07	<p>Auger</p>	<p>Dutch Type, Screw Type, Post hole type</p>	01 PC
08	<p>Student Microscope:</p> <p>Preferred Brand/Model: Dewinter/ Leica/ Olympus</p>	<ul style="list-style-type: none"> • Observation Head : ❖ Observation head inclined at 45°Diopter adjustment ring on ocular tube ❖ Interpupillary distance from 55mm to 75mm • Eyepiece Wide Field 100 x (Paired) F.O.V. 20mm • Zooming Range & Ratio : Zoom 0.7x to 4.5x with magnification ratio of 1:6.4 • Mechanical Body ❖ Track stand with fan type base ❖ Lateral zoom control movement ❖ Incident and transmitted light system with LED lamp. ❖ The system regulated with Transformer has separate intensity control knob. ❖ On/Off switch provides flexibility to use either both light or any of them. ❖ Clip for holding specimen. • Base size : 240mm x 280mm • Magnification Range : 7x to 45x • Working Distance :100 mm • Warranty : 1 Year 	01 pc

Annexure B

List of Enclosures (To be submitted with Technical Bid)

NAME OF VENDOR:

TENDER No. :

Covering Letter	Copy of Trade License (16-17)	Copy of PAN Card	Copy of VAT / CST	Copy of P-Tax	Dealership Certificate	Manufacturer's Authorization	User List / Credentiality	Detailed Specification without Price	Technical Catalog

Dated:

Signature of Authorized Rep.

Seal of Firm