

UTTAR BANGA KRISHI VISWAVIDYALAYA

Pundibari, Cooch Behar, West Bengal-736165

Inviting Quotation

Re-Tender Ref. No: UBKV/Est.(T& P-02)/48/2016-17 Dated: 02/03/2017

Sealed quotations are invited under Two Bid System viz, **Part-I Technical Bid and Part II Financial Bid** from reputed suppliers for supply of Instruments & different equipments. List of Items with Specifications are mentioned in Annexure A.

➤ **Tender Schedule:**

- **Date of Publication** : 02/03/2017
- **Last date of submission** : 15/03/2017

➤ **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 with an email ID for further communication.
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 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.)

Ref. No. _____/ UBKV/Est. (T&P-02) /2016-17 Date: 02/03/2017

Copy forwarded for information and necessary action to:-

1. Dean, Faculty of Agriculture, UBKV.
2. Notice Board, UBKV
3. Mr. Subhendu Das; He is requested to add in University website at the earliest.

Registrar (Actg.)

Annexure A.

List of Equipment for Faculty of Agriculture

(Re-Tender No. UBKV/Est.(T&P-02)/48/2016-17 dt. 25/01/2017)

Sl. No.	Item with Specification	Quantity																		
1.	Power point presenter- Preferred Brand/Model: Logitech R800 <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 	1 No.																		
2.	Knapsac Sprayer -Preferred model - Hymax / Kisankraft /Aspee <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 	1 nos.																		
3.	Nozzles (for sprayer) of different types- <table border="1"> <thead> <tr> <th>Type</th><th>pressure</th><th>Flow rate</th></tr> </thead> <tbody> <tr> <td>Conical Mist Nozzle</td><td>42-46 PSI</td><td>0.70-0.80</td></tr> <tr> <td>Sectoria Mist Nozzle</td><td>23-25 PSI</td><td>1.20-1.30 L/Min</td></tr> <tr> <td>Four Hole adjustable Nozzle</td><td>39-41 PSI</td><td>0.80-0.85 L/Min</td></tr> <tr> <td>Hallow Cone Nozzle</td><td>36-40 PSI</td><td>0.40-0.45 L/Min</td></tr> <tr> <td>Double Swiri Duro Nozzle</td><td>26-40 PSI</td><td>0.50-0.60L/Min</td></tr> </tbody> </table>	Type	pressure	Flow rate	Conical Mist Nozzle	42-46 PSI	0.70-0.80	Sectoria Mist Nozzle	23-25 PSI	1.20-1.30 L/Min	Four Hole adjustable Nozzle	39-41 PSI	0.80-0.85 L/Min	Hallow Cone Nozzle	36-40 PSI	0.40-0.45 L/Min	Double Swiri Duro Nozzle	26-40 PSI	0.50-0.60L/Min	1 No.
Type	pressure	Flow rate																		
Conical Mist Nozzle	42-46 PSI	0.70-0.80																		
Sectoria Mist Nozzle	23-25 PSI	1.20-1.30 L/Min																		
Four Hole adjustable Nozzle	39-41 PSI	0.80-0.85 L/Min																		
Hallow Cone Nozzle	36-40 PSI	0.40-0.45 L/Min																		
Double Swiri Duro Nozzle	26-40 PSI	0.50-0.60L/Min																		
4.	Stretching/setting board for insect Make: Rescholar Equipment	1 nos																		
5.	Duster (Knapsak) (For application of dust pesticides)	1 nos																		
6.	Power sprayer (Knapsak) ASPEE UB/001BM 2-stroke, forced air cooled 25.6cc petrol engine (fitted with recoil starter for easy starting) Net power output:1.0 HP @5000rpm Carburettor: Diaphragm type (Overflow return) Fuel Tank capacity: 500ml Tank Capacity: 20 lit. Pump: Metal, Positive displacement reciprocating type Normal working pressure: 100-200 PSI (Max Pressure : 400PSI) Suction / Discharge Capacity: 10/11 lit./min.	1 nos																		
7.	Moveable bee hives with all necessary accessories with 10 frames/hives	5 nos.																		

Sl. No.	Item with Specification	Quantity
8.	Universal Handy Moisture Testing Machine with Data logging facility Preferred Brand/Model: Any Good Make <ul style="list-style-type: none"> Handy Moisture Meter Digital universal moisture meter used to find out the moisture content of food grains, pulses, oil seeds and vegetables seeds etc by principle of Resistance Grinding Facility to make sample uniform Auto. Calibration- No thickness Chart. Range - 3.5 to 40% provided with temperature sensor. 2 x16 character alphanumeric LCD display. Recorded data can be transferred to PC. Body and test cap should be of mild steel. Data logging with data storage capacity of minimum 200 readings.	1 No.
9.	Refrigerator Double Door Preferred Brand/Model: Godrej – RT EON 261P3.4 Or Samsung- RT28K3953 Or LG-GLU292JP <ul style="list-style-type: none"> Capacity : 261 Liters Door type : Double Door Defrosting System: Frost Free Cooling Technology: Stay Cool Star Rating : 3 Star Features :Anti-B Technology, Cool Shower Technology, Easy store and serve bins, Intelligent Operations, Low Starting Voltage, Quick Freeze, Soft Freeze Technology Warranty : 1 year Colour : Silver/Black /Cherry Red 	1 No.
10.	Illuminated Purity Work Board- It is suitable for testing physical purity of Seed samples with maximum comfort and efficiency. Suitable to be used to distinguish, discolored, damaged and chalky grains/seeds. Light below the rectangular 8" x 5" opal glass which makes a handy disphanoscope, using of this spot with chaffy grass eliminate all guess works on test. One convenient drawer is provided in the front for larger seed lots. Fitted with a magnifying glass covering the entire surface of opal glass. Size : 50 x 28 x 10 Ht. Cms. (Made of teak wood for longer life). Drawer Capacity : 930 CC (approx.)-any standard make.	1 No.
11.	Visible Spectrophotometer- Imported <ul style="list-style-type: none"> Single Beam Wavelength range : 225-1000nm , Wavelength Accuracy : < 1nm Wavelength Precision: 0.1nm, Bandwidth : 8nm Automatic Peak Seek, Automatic Self test and Calibration 10 mm Path length Quartz Cuvette Warranty : 2 Years 	1 No.
12.	Auger- Dutch Type, Screw Type, Post hole type	1 Nos. each
13.	Visible Spectrophotometer Preferred Brand/Model: Perkin Elmer-Lambda/ Cecil-CE 1011/ Shimadzu <ul style="list-style-type: none"> Spectrophotometers should be supplied with Bi-directional RS232 interface, mains cable, instruction manual, short form operating instructions and 10mm cell holder. Lithrow monochromator with 1200 lines/ mm holographic grating, coated optics. Wavelength range : 325-1000nm , Wavelength Accuracy : < 1nm Large Seven Segment bright LED for readouts. Photometric Range : -0.3 –3A, 0 –200%T, 0 – 9999C Photometric Accuracy : 0.005A or 1% whichever is greater Photometric Noise : less than $\pm 0.0002A$ at 500nm Wavelength Precision: 0.1nm, Bandwidth : 8nm Stray light :better than 0.05%, Stability : $\pm 0.001A/hr$ 	1 No.

Sl. No.	Item with Specification	Quantity
	<ul style="list-style-type: none"> Automatic Peak Seek, Automatic Self test and Calibration 4 position cell manual changer with 4 x 10mm Cell Holder 10 mm Path length Quartz Cuvette Warranty : 2 Years 	
14.	Autoclave(Pressure Cooker type/ Pressure cooker 10 litre capacity): <ul style="list-style-type: none"> Type : Pressure Cooker type Capacity : 10 litres Size : 12" Dia. X 12"Depth Materia : 304 Quality Single walled Stainless steel sheet Power Requirement :220 Volts Single Phase A.C Warranty : 2 years Complete with Safety Valve, Pressure gauge, Steam Release Cock. 	1 No.
15.	Spring Balance weigh up to 200 kg (metal body): Weight up to 200 kg (metal body)	1 No.
16.	Gerber centrifuge tube for milk fat	100 Nos.
17.	Crate for cattle- any standard make	1No.
18.	Egg candler- any standard make	1No.
19.	Ahuja Lectern Audio System – Ahuja company make and lectern Audio System	1 No.
20.	Movie Camera- SONY HXR-MC2500 CAMCORDER/ Panasonic HC-MDH2 HD Camcorder	1 No.
21.	Spiral binder - a) A ₃ /Legal size (b) any good make	1 No.
22.	Laminator- a) A ₃ /Legal size (b) any good make	
23.	Installation of CC TV camera in some important points of Faculty of Agriculture.	1 Unit
24.	Portable Carbon Dioxide Meter <ul style="list-style-type: none"> Liquid phase : 1.49 mg/L, Gas phase: 0.1-100%, Enables measurement of CO₂ in both liquid phase and gas phase. Wide measurement range (0.1-100%) Membrane electrode allows for reliable measurement Power-saving design: rechargeable battery adaptable Waterproof design (IP67: 1m depth, up to 30 mins)	02 pcs
25.	Stereo zoom binocular- Preferred Brand/Model: Dewinter <ul style="list-style-type: none"> Observation Head : <ul style="list-style-type: none"> ❖ Observation head inclined at 45°Diopter adjustment ring on ocular tube ❖ Interpupillary distance from 55mm to 75mm Eyepiece Wide Field 10x (Paired) F.O.V. 20mm Zooming Range & Ratio : Zoom 0.7x to 4.5x with magnification ratio of 1:6.4 Mechanical Body <ul style="list-style-type: none"> ❖ 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 :100mm Warranty : 1 Year 	5 nos
26.	Insect collection net Make: Rescholar Equipment	01 No.
27.	1 TB Belt for Canon Copier Machine Model: C2220	01 No.
28.	Cassette Gear for Copier Machine Model: C2220	01 No.
29.	DVD Disc Sony make	200 Pcs.

Registrar (Actg.)

Annexure B

List of Enclosures (To be submitted with Technical Bid)

NAME OF VENDOR:

TENDER No. :

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

Dated:

Signature of Authorized Rep. Seal of Firm