



উত্তরবঙ্গ কৃষি বিশ্ববিদ্যালয়

পুণ্ডিবাড়ী, কোচবিহার, পশ্চিমবঙ্গ-৭৩৬১৬৫

UTTAR BANGA KRISHI VISWAVIDYALAYA

P.O. PUNDIBARI, DIST. COOCH BEHAR, WEST BENGAL- 736165

□: শুভেন্দু বন্দ্যোপাধ্যায়

নিয়ামক (ভারপ্রাপ্ত)

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Tender Ref. No. UBKV/Est. (T&P-02)/22/2019-20/2nd Call Date: 13/11/2019

NOTICE INVITING TENDER (NIT)

Sealed Tenders are being invited under Two Bid System viz, **Part-I Technical Bid and Part II Financial Bid** from the intending reputed Manufacturers/authorized dealers/ eligible experienced supply agencies for Supplying of **Plant Growth Chamber, Plant/Tissue culture Rack and AC Machine** as per enclosed Annexure-A.

Tender Schedule:

• Last date of quotation submission	:	27/11/2019	
• Earnest Money Deposit (EMD)	:	₹10,000.00 Or @2.5% of quoted value for partial item/items.	By means of Demand draft from any nationalized Bank in favour of Uttar Banga Krishi Viswavidyalaya payable at Cooch Behar.

1. Submission of bids:

Both Technical bid and Financial Bid are to be submitted concurrently duly signed by the Authorized Company personnel/Dealer/Proprietor. All papers must be submitted in English language.

2. Eligibility for Quoting:

- Original Equipment Manufacturers (OEM) or Dealers/Distributors/Agents duly authorized by the manufacturers who are able to supply the assured quantities as per requirement & have requisite qualification for meeting the requirements as per this tender are only eligible for quoting.
- Further, vendors who were declared black listed and/or insolvent by any Govt. Concern/any Institutions in the Country for particular item or items are not eligible to participate in the current tender for that item or items.
- The University reserves the right not to accept the rate even from the lowest bidder/supplier.
- The University reserves the right to accept or reject any or all tenders without giving any reason whatsoever.

3. Annual Turnover Requirements:

Vender having average annual Turn Over for last three financial years is more than Rs. 20 Lakh in India for the year 2017-18, 2018-19 & 2019-20 are eligible to participate in the Tender.

Submission of Tenders

3.1 General process of submission

All the documents including addendum/ Corrigendum related to the tender uploaded by the Tender Inviting Authority form an integral part of the contract. Renderers are required to upload all the tender documents along with the other documents, as asked in the tender, through the above website within the stipulated date and time as given in the Tender. Tenders are to be submitted in two envelopes at a time, one is Technical Bid and the other is Financial Bid. The renderer shall carefully go through the documents and prepare the required documents.

4.2 **Technical details:** (Bidders must submit Technical specification along with Catalogue of the item quoted in "Technical Details" Envelope.

4.3 Audited Annual Accounts for last three years **2017-18, 2018-19 & 2019-20** or during the period since formation of the Firm, if it was set up in less than such 3- year period. Bidders whose accounts are not audited must submit 26AS for the above years as available in the official website of the Income Tax Department, Government of India with other documents stated bellow:

Sl. No.	Category	Sub-Category	Sub-Category Description
1	Certificates	Certificates	PAN Card of the Bidder
			GST Registration Certificate
			P -Tax Registration Certificate with a copy of last return
2	Company Details	Company Details 1	Trade License/Enlistment Certificate
			Registration with Registrar of Companies
			Memorandum of Articles for Limited Companies.
3	Credential	Credential 1	Copy of the purchase order for supplying Similar nature of items at least for last 2 years in an Institute of Higher Education Brief User List preferably for users in West Bengal in an Institute of Higher Education
4	Financial Information	Payment Certificate 1	Income Tax Returns submitted for the Assessment year 2015-16
			Income Tax Returns submitted for the Assessment year 2016-17
			Income Tax Returns submitted for the Assessment year 2017-18
			GST Return for last 3 months in 2018-19
5	Product Catalogue (Coloured)		
6	Compliance Statement		

4.4 Financial Bid

Financial Bid should contain the unit price of items on FOR destination and CIF including applicable taxes. Rate of GST also to be quoted.

5 TERMS & CONDITIONS:

5.1 Bid Information:

- a) The rate quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- b) Partial Tender/Incomplete tenders both for Technical and Commercial aspects may subject to cancellation of tender. However, University Authority will define the Partial Tender/Incomplete Tender based on the tender evaluation status.

6.1 Evaluation of Tender: Firstly, Technical Bid will be evaluated and thereafter Price Bids of technically qualified bidders will be evaluated for selection of vender.

6.2 Award of Contract: The purchaser will award the contract/supply order to the bidder whose quotation has been determined to be substantially responsive both technically and commercially.

6.3 The vendor should quote and be capable to supply all the necessary items as per Tender. However, the University has the right to procure a part or a whole of the tendered items.

6.4 University enjoys the discretion to select vendor either in full or in part (item wise) for the betterment for pursuing of tender objectives.

6.5 Bidder must provide Technical Compliance Sheet duly certified by OEM as per the Tender Specification. Any non-compliance will lead to rejection of tender.

6.6 Credentials: Documents of supplying similar items in last two previous years in an Institute of Higher Education must be submitted along with the tender.

- 6.7 DSIR Certification:** University possesses the privilege for availing the facility of procuring items at Concessional Customs Duty and without incurring any excise duty as per DSIR certification.
- 6.8 GST Exemption Certification:** University possesses the privilege for availing the facility of procuring items at Concessional GST (5%) as per the decisions taken by GST Council.
- 6.9** Statutory deduction for GST and other Government taxes in the hand of the payee will be made as per the law in force.
- 6.10 Time Schedule:** The supply work must be completed within 30-45 days from the date of receipt of the supply order.
- 6.11 Validity of offer:** A bidder should spell out in the tender that it shall remain valid for a minimum period of six months from the date of opening of the tender and during this period, the bidder shall not be entitled to revoke or cancel its offer.
- 6.12** University reserves the discretion to issue work/ supply order either in full or phase wise depending upon the requirement and selected vendor will not charge any extra amount for such supply and delivery.
- 6.13** Payment Schedule: 100% Payment will be made after delivery and satisfaction of the item.
- 7.1 Performance Security:** Successful bidder should deposit Performance Security money equivalent to the 10% of the order value in the form of **D/D or Bank Guaranty** from any nationalized bank in favour of UBKV payable at Cooch Behar or suitable negotiable instruments as to be decided by the University immediately after issuing purchase order from the University. Such security will be refunded after completion of the warranty period in normal case without any accrued interest.
- 7.2** University may forfeit the Earnest Money Deposit (EMD) in the event of the following circumstances:
- i. Selected bidder withdraws the bid before expiry of its validity and after receipt of the Purchase Order.
 - ii. Selected bidder does not accept the order after issuing the same or fails to enter into a contract within validity period of offer.
 - iii. Selected bidder fails to supply the items within the scheduled time as specified in the Purchase Order.
 - iv. If before expiry of the warranty period, the supplied items break down or do not function satisfactorily due to the cause related with the item itself or for its installation and not for any reason caused by the University Authority and the supplier denies to take the responsibility to make the supplied items in order.
 - v. In case of any false submission /statement by the bidder
 - vi. In case of any refusal to abide by terms and conditions or refusal to enter into a written agreement as per prefixed terms and conditions.
 - vii. University will return the Earnest Money Deposit (EMD) of disqualified and unsuccessful bidders without any accrued interest after completion of the selection process.
- 7.3** Quantity Changeability: Quantity as stated in the tender document may subject to change at the time of issuing purchase order due to the fund crunch or for other valid reasons.
- 7.4** Disposal of Disputes: In case of any dispute, the University's decision will be treated as the final and conclusive. All legal actions are subject to Cooch Behar jurisdiction only.
- 7.5 Conditional bid may be liable for rejection.**
- 8. Discretion of the University:**
- i) University may take decision about non-purchase of the said item even after selection of vendor due to its fund constraints.
 - ii) University reserves the right to relax any clause as stated hereinabove for selection of responsive vendor.
 - iii) The Tender Selection Committee reserves the right to cancel the N.I.T. due to any unavoidable Circumstances and no claim in this respect will be entertained.

Sd/-
Registrar (Actg.)

Annexure-A
Specification of Requisite Items

Sr. No.	Name of the items	Particulars of specification
1.	Plant Growth Chamber with Programmable PID Controller and with Temperature, Humidity, Illumination, CO ₂ control systems (01 No.)	<ul style="list-style-type: none"> • Double walled modular structure with 3" thick PUF insulation • Inside Stainless Steel with SS 304 and Outside Steel Elegator Coated finish / rustproof CRCA steel duly powder coated • Interior sufficient illumination for plant growth i.e. 30,000 Lux or above ; For working chamber illumination by 6-9 no. florescent lamp with timer for day and night mode operation • Inside full length observation glass door with secure gasket • Heavy-duty door hinges and latches to maintain a secure and uniform seal • Racks & trays – Stainless Steel with adjustable height , Supplied with 2-3no. SS Trays • U shaped S.S. Nichrome wire air heaters • Compressor with CFC Free R 134 A / R 404 (Eco Friendly) refrigerant having state of art by-pass system for continuous run of compressor • PLC control system with touch screen display coloured screen – 7" HMI with or without Ethernet , LCD touch screen / feather touch with Digital display of all parameter where all four parameters will be controlled by menu driven Keypad. • Safety controller sensor to cut off the supply in case of overshoot and undershoot of temperature giving audio visual alarm • The machine should be enabled for Automatic calibration of set parameters & Self-Diagnosis for errors • Must have audio visual Alarm output on any kind of deviation in any set parameter. • The machine should have built in safety circuit for high temperature protection and low water level protection, which cuts off system & stops unit in case of malfunction of microprocessor. • Transparent double layer tempered safety glass window for sample observation during operation without opening the door • Timer with adjusting clock 12 hrs , 24hrs , permanent override on/off control keypad lock , enable & disable programme <ul style="list-style-type: none"> • Temperature & Humidity • +3°C to 50°C lights off • +10°C to 45°C lights on • Control of ±0.5°C • 40% - 95%RH <p>Humidity through sophisticated ultrasonic procedure</p> <ul style="list-style-type: none"> • Engineered airflow and perforated plenums for uniformity • Upward or horizontal airflow to suit shelving and applications <p>CO₂ control with cylinder & requisite valve</p> <ul style="list-style-type: none"> • Supply complete with 4 KVA or Suitable voltage stabilizer • Power Supply : Required 230V AC single phase 50Hz • The manufacturer must have ISO certified company along with sufficient/satisfactory installation report for the same item various Govt. recognized labs. In India, The manufacturer must have a strong service setup in Kolkata /Siliguri / Cooch Behar. <p>[Preferably complete with :</p> <ul style="list-style-type: none"> • Web based online monitoring • Complete with IQ, OQ, PQ, Documents, Operations and Maintenance manuals • Real-Time Connectivity: Complete control of all chambers from any connected PC or mobile device with Internet access, • 21 CFR Part 11 compliance window based communication software for data management] • Internal chamber size: 1798x914x914 (mm), approx. 1500 Lit • Warranty: 2 years

2.	Plant/Tissue culture rack (03 Nos.)	<ul style="list-style-type: none"> • Dimension : 5'8" height × 4'2" width × 18" length • Shelves: Size- 4'2" × 18", No.- 04 • Shelf to shelf distance: 16" • Frame: Iron angle (perforated) mild steel • Lighting: Fluorescent light 16× 36 watt tubes for each rack, individual on/off operation, with 6 amp MCB and timer facility • Warranty : 2 Years
3.	Installation & Commissioning of 1.5 Tr Inverter AC Machine with voltage Stabilizer for Propagation Unit (01 No.)	<ul style="list-style-type: none"> • Capacity : 1.5 Tons • BEE Start Rating : 3 Star • AC Type : Split • Refrigerant : R 410A • Compressor : Dual Rotar Inverter • Filter : 7 Advance Filter • Cleaning : Blow Cleaning • Display : Hidden Display • Condenser Coil :Copper condenser IDU,ODU and Installation kit • Noise Level Indoor : ≤ 65 DB • Features : 5 Sensors, Copper pipe , Anti Dust, Auto Restart, Auto Swing, Easily Removable Panel, Energy Saver, Fresh Air Ventilation, Inner Groove , Memory Function, Remote, Self Dia, Sleep Mode, Timer, Turbo Mode • Remote Control : Yes • Warranty : 10 Years on compressor &1 Years comprehensive warranty • Installation : Standard Installation • Supply complete with suitable voltage stabilizer(130V-300V, up to 12amp Load Capacity, Metal Cabinet, Advanced Time Delay Function & 3 years warranty) <p><u>N.B : Nearest Service Center need to be in Cooch Behar/Siliguri with 24 Hrs response time</u></p> <ul style="list-style-type: none"> • Preferred Make /Model : Blue Star BS-3CNHW18RBFU / 3CHW18MAFU with V Guard VWR 400 / Equivalent of Carrier or Daikin or Mitsubushi

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