উত্তরবঙ্গ কৃষি বিশ্ববিদ্যালয়

পুন্ডিবাড়ী,কোচবিহার,পশ্চিমবঙ্গ-৭৩৬১৬৫

UTTAR BANGA KRISHI VISWAVIDYALAYA

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

প্রফেসার প্রদ্যুৎ কুমারপাল
নিয়ামক (ভারপ্রাপ্ত)
Prof. Prodyut Kr. Paul
Registrar (Acting)

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E-Tender Ref. No. UBKV/Est T/P-02/08/2024-25 Date:29/07/2024

NOTICE INVITING TENDER (NIT)

Online Tenders are being invited under Two Bid System viz, Part-I Technical Bid and Part II Financial Bid from the intending reputed, bona-fide and experienced manufacturers / authorized dealers for Supply and installation of Laboratory Equipment underthe project entitled"**RKVY Cafeteria- Establishment of Pesticide Residue Laboratory at Uttar Banga Krishi Viswavidyalaya for the Benefit of Farmers and Entrepreneurs of Northern Part of West Bengal"** as per following specification.

Details specification of Laboratory Equipment

Sl. No.	Details of the Instruments	Qty.
1	**Imported Refrigerated Centrifuge** The system should be complete with the following features & specifications: • CFC free refrigeration. • Maximum speed 30000 rpm, adjustable from 200 to 30000 rpm with 10 rpm increments. • Maximum RCF 65000 x g or more. • Maximum volume can handle 1500 ml. (both in swing out and angle rotor) • LCD indication of preset and actual values of speed, RCF, time, temperature & running time. • Splash proof digital display. • 10 acceleration and deceleration rates with storage of up to 99 runs. • Direct access to parameters, no click through the programme. • Built in timer from 30 sec to 99 hrs 59 min or continuous. • Temperature range -20°C to +40°C with 1 0C increments. • Stand still cooling & pre-cool programme option. • Quick key for short runs. • Motor driven lid lock. • Automatic radio-frequency rotor identification system (RFID) with over speed protection immediately upon rotor insertion. • Active imbalance identification & cut-off. • Audible signal at the end of each run. • Noise level < 60 dBA at maximum speed. • Should manufactured according to IEC 61010 standard & conforms to CE-requirements. • Centrifuge should be complete with the following fixed angle rotors: • 6x 50 ml, maximum speed of rotor 21000 rpm, maximum RCF 41000x g or more, with adapters for • 15 ml falcon. Tubes. • Angle rotor 12 x 1.5/2.0ml, maximum speed of rotor 30000 rpm, maximum RCF 65000 x g with adapter for 1.5 ml. • **Warranty : 2 years** **Preferred Make / Model : Harmle Z36HK / Sigma 3K30 /Equivalent**	01
2	**Separatory Funnel Shaker** • Intensive vertical shaking • Shaking of 6 samples under identical conditions possible	01

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To be used in chemical, biotech laboratories
The speed can be set between 50 and 300 rpm
The timer can be set between 1min and 99hour59min
Flasks of up to 40 mm width can be used
Bright LED display for convenient speed monitoring
Wide speed range and high precision of the speed control
Feedback loop to a digital controller
At the end of a shaking session the device stops automatically with an audible alarm sound
Easily adjustable flask holder (max. 5 flasks per side)
Two holders for a total of 6 flasks (1000ml) included
Warranty : 2 years

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<tr><td>3</td><td>Imported High Speed Homogenizer

Motor rating input/output : 500 W/300 W
Volume range (H_2O) : 1-1500 ml
Viscosity max. : 5000 mPas
Speed : 3000 – 25000 rpm
Speed display : LED
Speed control : stepless
Noise without element : 75 dB(A)
Extension arm diameter : 13 mm
Extension arm length : 160 mm
Dimensions (W x H x D):87 x 106 x 271mm
Weight 2.5 Kg
Protection class according to DIN EN 60529: IP 20
Voltage: 200-240 V
Frequency [Hz] 50/60
Including Dispersing Element, Plate stand , Boss Head Clamp
Warranty : 2 years

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<tr><td>4</td><td>Turbovap Evaporator:
<table>
<tr><th>Specification</th><th>Requirements</th></tr>
<tr><td>Design</td><td>Table Top</td></tr>
<tr><td>No. of samples</td><td>48 - 50 Position</td></tr>
<tr><td>No. of gas manifolds</td><td>5 - 6 Rows containing 8 -10 nozzles each</td></tr>
<tr><td>Volume Ranges</td><td>1.5 – 35 ml and should be upgradable up to 60 ml in future (to operate higher volume samples) with extra rack.</td></tr>
<tr><td>Rack</td><td>Multi position rack to accommodate different tubes and vial sizes within given sample volume range.</td></tr>
<tr><td>Display</td><td>Touch Screen Digital Display for easy operation</td></tr>
<tr><td>Systems Parameters</td><td>Temperature, time & pressure</td></tr>
<tr><td>Pressure units</td><td>It should have multiple unit option like kPa, Psi, bar etc</td></tr>
<tr><td>Units temperature</td><td>In °C</td></tr>
<tr><td>Units time</td><td>Minutes & hours</td></tr>
<tr><td>Temperature control</td><td>Solid state heating element</td></tr>
<tr><td>Water Tank capacity</td><td>6.5 liter or better.</td></tr>
<tr><td>Temperature Range</td><td>Ambient to 90 °C</td></tr>
<tr><td>Temperature accuracy</td><td>(+-) 0.3 degree Celsius</td></tr>
<tr><td>Temperature Resolution</td><td>(+-) 0.1 degree Celsius</td></tr>
<tr><td>Time Range</td><td>1 min to 99 min - 0.1hr to 9.9 hr</td></tr>
<tr><td>Time Accuracy</td><td>0.10%</td></tr>
<tr><td>Pressure Display</td><td>LED / Digital Display</td></tr>
<tr><td>Pressure Control</td><td>Pneumatic Pressure Regulator</td></tr>
<tr><td>Maximum Inlet Pressure</td><td>120 - 130 psi (upto 9 bar)</td></tr>
<tr><td>Minimum Inlet Pressure</td><td>60 psi (4 bar)</td></tr>
<tr><td>Pressure Required for Full Capability</td><td>85-90 psi approx. 6 bar</td></tr>
<tr><td>Automatic gas shut off</td><td>Automatic gas shut off</td></tr>
<tr><td>Exhaust Port</td><td>2" (5.1 cm) id; 12.5’ (3.8 m) of duct hose provided / Suitable with machine</td></tr>
<tr><td>Process Technology</td><td>Gas Vortex Technology</td></tr>
<tr><td>Power requirement</td><td>230V AC 50Hz</td></tr>
<tr><td>Solvent Compatibility</td><td>Acetone, Acetonitrile, Chloroform, Dichloromethane, Diethyl ether, Ethanol, Hexane Dimethylformamide, Dimethyl sulfoxide, Ethyl acetate, Heptane, ,</td></tr>
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	Chemical Resistance	Isooctane , Water Isopropanol , Methanol , Methyl tert-butyl ether , Pentane , Tetrahydrofuran ,Toluene Trifluoroacetic acid (TFA) 2%* , Trichloroacetic acid (TCA) 2%* , Formic acid 5% , Acetic acid 10% , Butyric acid 5% , Phosphoric acid 5% , Hydrochloric acid 0.1M* , Nitric acid 0.1M* , Propionic acid 5% , Ammonium Hydroxide 5% , Triethylamine (TEA) 5% , * Acid Resistant Systems Only	
	Other Accessories to be included	Nitrogen Gas Generator with below specification... • Max Nitrogen flow rate 75 LPM (two use only 25 Samples at a time) • Nitrogen Purity 99% • Nitrogen Output Flow Pressure 90 psi • Micro particulates NIL • System Operating Temperature 5 °C to 40 °C • Sound less than 25 dB • Inlet / Outlet Connection 1/4" SWG • Power 230V AC/50Hz • Automation System Fully Automatic (PLC) • Movement of Generator On Caster Wheels	
	Certifications	ISO, CE, CB & NTRL certification required (To be submitted with Technical Bid)	
	Warranty & AMC	1 year warranty from the data of & 4 years AMC after completion of Warranty	
	Validation Documents	IQ / OQ installation Documents	
	Installations	The system must have 50 Nos. of installations in India and at least 10 installations in Eastern Region in last 5 years	
	Product Brochure Link	Valid URL link of the quoted system should be mention in the Bid / Technical Comparison Sheet	
	Preferred Make/Model	BiotageTurbovap LV / Equivalent	
5	**Induction motor based Robot Coupe Blixer** • Robot Coupe Blixer 4 • Wattage: 900 Watt • Voltage: Single Phase • Speed : 3000 RPM • Motor Base: Metal • Bowl : 4.5 L stainless steel with Soft touch handle • Lid: Watertight • Blade(s) -Stainless steel fine serrated blade – Included Blixer® arm • **Warranty - 02 years Onsite**		01

➢ Tender Schedule:

•	Date of Online Publication	:	29/07/2024
•	Starting Date of online upload & submission	:	29/07/2024
•	Last date of online bid submission	:	12/08/2024
•	Last date of quotation submission (Hard copy)	:	13/08/2024
•	Opening date of Technical bids	:	14/08/2024
•	Tender fee	:	Nil
•	EMD	:	₹1,02,500.00(Rupees One Lakh Two Thousand Five Hundred) only for all items or @2.5% of quoted value for a single/partial item by means of demand draft from any Commercial Bank in favour of *Uttar Banga Krishi Viswavidyalaya payable at Cooch Behar.*
•	EMD Exemption	:	MSME, SSI & NSIC certified bidders may be exempted. Subject to submission of Valid such exemption certificate
•	Details available in the website	:	https://wbtenders.gov.in/www.ubkv.ac.in

1. General Instructions:

In the event of e-tendering, intending bidder may download the tender documents from the website: http://wbtenders.gov.in directly with the help of Digital Signature Certificate (DSC)

2. Submission of bids:

Both Technical bid and Financial Bid are to be submitted concurrently duly digitally signed by the Authorized Company personnel who is in the pay roll of the Company in the website http:// wbtenders.gov.in. All papers must be submitted in English language.

3. *Warranty: 2(Two) years mandatory from the date of installation or as mentioned in technical specification.*

4. 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.
- Integrity Pact Declaration:

i) Bidder should not offer any benefit to the employees of the University and also not sold to commit any offence under Prevention of Corruption Act, 1988 or Indian Penal Code 1860;

ii) Bidder should not enter into any undisclosed agreement or Understanding with other bidders with respect to prices, specifications, certifications, Subsidiary contracts, etc.

iii) Undertaking (as part of Fall Clause) is to be given by the bidders that he has not and will not sell the same material/equipment at prices lower than the bid price;

It is needed to mention that the University will have the right to take punitive actions for any violation on behalf of the Chancellor.

5. Annual Turnover Requirements:

Vender having average annual Turn Over more than Rs.40 Lakh in India for last three financial years 2021-22, 2022-23& 2023-24 are eligible to participate in the Tender.

6. Submission of Tenders

6.1 General process of submission

Tenders are to be submitted online through the website stated in Clause 1. All the documents including addendum/ Corrigendum related to the tender uploaded by the Tender Inviting Authority form an integral part of the contract. Tenderers are required to upload all the tender documents along with the other documents, as asked for 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 folders at a time, one is Technical Bid and the other is Financial Bid. The tenderer shall carefully go through the notice and prepare the required documents and upload the scanned documents of originals in Portable Document Format (PDF) to the portal in the designated locations/folders of Technical Bid. He needs to fill up the active cell at BOQ and upload the same in designated location of Financial Bid. The documents uploaded are virus scanned and digitally signed using the Digital Signature Certificate (DSC). Tenderers should in general upload the latest documents as part of the tender, however, in case of failure in uploading such documents, it will be deemed that they (tenderers) have taken acceptant of such latest documents including addendum/corrigendum, if published till the bid submission ends.

6.2 Technical Bid

The Technical Bid should contain scanned copies and/or declarations in the following standardized formats in two covers (folders):

I. Technical File (Statutory Cover) containing:

a) Technical details of the Items Quoted "Bidders" must submit Technical specification along with Catalogue of the item quoted in “Technical Details” Folders.

b) Audited Annual Accounts for last three financial years 2021-22, 2022-23& 2023-24 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. (to be submitted in “Accounts” folder)

II. My Document (Non-Statutory Cover) containing as follows:

Sl. No.	Category	Sub-Category	Sub-Category Description
1	Certificates	Certificates	PAN Card of the Bidder
			GST Registration Certificate
2	Company Details	Company Details	Trade License/Enlistment Certificate
			Registration with Registrar of Companies
			Memorandum of Articles for Limited Companies.
3	Credential	Credential 1	a) Copy of the purchase order with compliance certificate for supplying Similar nature of items at least for last 2 years in an Institute of Higher Education b) 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 Financial year (2021-22), (2022-23)& (2023-24)
			GST Return for last 3 months in 2024-25
5	Product Catalogue(Coloured)		Mandatory
6	Compliance Statement		Mandatory

6.3 Financial Bid

The Financial Bid should contain the following document in one cover (folder):

Bill of Quantities (BOQ): The tenderer should fill-up the designated cell as marked by the University in the BOQ sheet.

(** All the required essential / optional accessories or incidental services should be mentioned in the hard copy of Financial Bid)

7. Evaluation of the tenders

During the tender evaluation process, the "Technical Bid" will be opened first. Those Bidders who are qualified in respect of the essential & other requirements in "Technical Bid" will be identified and their financial bid will be opened. The financial bid of those Tenderer failing to meet the technical specification & other requirements laid down in the tender notice will not be opened and be rejected. The Tenderer offering the item found suitable and as per the tender specifications will only be selected. Final selection of the bidder in respect of Financial Bid is subject to further verification of several parameters allied with Financial Bid Evaluation.

8. Opening of financial bid:-

i) Financial bid can be seen & accessed by the bidder through the NIC Portal after opening of financial bid on line. Objections raised by any Bidder in this respect will not be entertained by the University. No informal tender will be entertained in the Bid further.

ii) During the scrutiny, if it comes to the notice of the tender inviting authority that the credential or any other paper found incorrect/ manufactured/ fabricated, that bidder would not be allowed to participate in the tender and that application will be rejected outright without any prejudice.

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.

9. TERMS & CONDITIONS REGARDING PURCHASE POLICY OF TENDERING AUTHORITY:

9.1 Bid Information:

a) Bidder may quote in Currency as available in the BOQ Sheet.

b) 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.

c) Bidder must follow the instruction for filling up BOQ as per Clause 6.3.

d) 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.

9.2 Evaluation of Quotation: The Purchaser will evaluate and compare the quotations determined to be substantially responsive stage wise. Firstly, Technical Bid will be evaluated and thereafter Price Bid for technically qualified bidders will be evaluated for selection of vender.

9.3 Award of Contract: The purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive both technically and commercially. Purchaser reserves the right to reject any or all the tender, wholly or partly, without assigning any reason thereof and shall not be bound to accept the lowest bid.

9.4 Successful Bidder will have to sign an agreement with the competent authority of the University for supply any item of ordered value ₹2.5 Lakh and above.

9.5 The vendor should quote and be capable to complete the supply and installation as per Tender.

9.6 Adequate support service facility: The bidder/manufacturer should have adequate service support Centre in West Bengal basis for any emergency breakdown/fault offering facility within 48 hours and should be agreeable to provide AMC facility after the warranty period.

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

9.8 Manufacturer's Authorization: Document in support of Manufacturer/Dealer and Service Provider has to be submitted along with the tender paper. If the Indian bidder is not the manufacturer, proper manufacturer's authorization and warranty from manufacturer is required and in this case, bidder should have full- fledged registered office in India.

9.9 Statutory deduction for GST and other Government taxes in the hand of the payee will be made as per the law in force.

9.10 Delivery Time Schedule: The supply & installation work must be completed within 45 days from the date of receipt of the work order. No material will accepted in weekly off day and scheduled holiday of the University.

9.11 Validity of offer: A bidder should spell out in the tender that it shall remain valid for a minimum period of 180 days from the date of opening of the tender and during this period, the bidder shall not be entitled to revoke or cancel its offer.

9.12 Place of Supply: Uttar Banga Krishi Viswavidyalaya, Pundibari, Cooch Behar, West Bengal.

9.13 Payment Schedule: 100% Payment will be made after satisfactory supply and installation of the equipment. This is jointly certified by the competent authority of the University and OEM's Service Engineer.

9.14 Quantity Changeability: Quantity as stated in the tender document may be changed at the time of issuing purchase order due to the fund crunch or for other valid reasons.

9.15 Liquidated Damages: If the supplier fails to deliver and installation of equipment within the time frame(s) incorporated in the work order, the purchaser / consignee shall, without prejudice to other rights and remedies available to the purchaser / consignee under the work order, deduct from the order price, as liquidated damages, a some equivalent to 2% per month (pert of a month to be taken as one month) of delay or pert thereof on delayed supply of equipment until actual delivery or performance subject to a maximum of 10% of the order value. Once the maximum is reached purchaser/ consignee may consider termination of the order perform herein. During the above mentioned period of supply and / or performance, the conditions incorporated herein shall also apply.

9.16 Force Majeure: In case of performance disruption due to natural disasters (like earthquakes, hurricanes, floods etc.), wars riots or other major upheaval, performance failures of parties outside our control (e.g. telephone service, labour action in our vendors'/service providers etc.), second party will not be held liable.

In the event of any dispute between UTTAR BANGA KRISHI VISWAVIDYALAYA and second party arises; it can be mutually resolved by the way of amicable settlement between them. In case, the dispute is not resolved amicably, either of them, it shall be settled by a Board of Arbitration consisting of 3 members of which one member shall be nominated by the Hon'ble Vice-Chancellor, one member to be nominated by second party and third member shall be nominated by the Principal Secretary Department of Agriculture, Govt. of W.B. The decision of the Board of Arbitration shall be binding on all concerned.

9.17 Defective items: Cost of defective materials will be borne by the supplier only.

9.18 Termination of insolvency:

If the supplier becomes bankrupt or otherwise insolvent, the purchaser reserves the right to terminate the contract at any time, by serving written notice to the supplier without any compensation, whatsoever, to the supplier, subject to further condition that such termination will not prejudice or affect the rights and remedies which have accrued and/ or will accrue thereafter to the Purchaser/ Consignee.

9.19 After Sales and Service:

i. The name and complete address of the company in India authorized by the manufacturer, to provide after sales service for the equipment should be mentioned. The appointed authorized service provider should be holding a valid certificate from the manufacturer to this effect.

ii. The manufacturer should give an undertaking that after the warranty period, they shall provide spares and after sale service of the equipment in India for the normal life time of the equipment.

9.20 University reserves the right 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.

9.21 Performance security: It is meant for the expectation of accuracy of the job only. The successful bidder would be asked for acceptance and to submit the performance security @10% of the contract value in the form of DD/BG from any Commercial Bank in favour of **Uttar Banga Krishi Viswavidyalaya** payable at Cooch Behar. The same would be released after successful supply and installation of the Equipment/ Instrument. **Failing of which the security deposit shall be liable to be forfeited.** The vendor's positive response will commence further for issuing supply order by the Competent Authority of the University.

(b) Security Deposit: It is meant for the security of the warranty period of the item. Security deposit @10% of the of the order value in the form of DD/BG from any Commercial Bank in favour of **Uttar Banga Krishi Viswavidyalaya** payable at Cooch Behar to be submitted at the time of installation of the Equipment/ Instrument to ensure the **warranty period**. The same would be released after completion of warranty period.

9.22 University may forfeit the Security Money (EMD) and Security Deposit in the event of the following circumstances:

i. Selected bidder withdraws the bid before expiry of its validity and after receipt of the Purchase/work 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.

9.23 D/D of EMD of disqualified and unsuccessful bidders will be released without any accrued interest after completion of selection process.

9.24 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

9.25 Conditional bid may be liable for rejection.

9.26 Discretion of the University:

a) University may take decision about non-purchase of the said item even after selection of vendor due to its fund constraints.

b) University may seek documents from the bidder in addition to the scanned documents sent by them at the time of uploading technical bid for verification and evaluation of tender.

c) University reserves the right to relax any clause as stated hereinabove for selection of responsive vender.

d) The University reserves the right not to accept the rate even from the lowest bidder.

e) The University reserves the right to accept or reject any or all tenders without giving any reason whatsoever.

9.27 Contact Details: Bidders may contact to **Mr. Sangeet Sinchan Roy**, Instrumentation Engineer(M) 89187 26245 for any queries regarding items specifications and to Mr. Azad Rahaman Ahmed (M) 9434812945 regarding submission of Tender.

Sd/-
Registrar (Actg.)