

ASSAM AGRICULTURAL UNIVERSITY

Khanapara, Guwahati - 781022

BIDDING DOCUMENT

(Terms and conditions)



Directorate of Research (Veterinary)

ASSAM AGRICULTURAL UNIVERSITY

Khanapara, Guwahati - 781022

**OFFICE OF THE DIRECTORATE OF RESEARCH (VETERINARY)
ASSAM AGRICULTURAL UNIVERSITY**

Khanapara, Guwahati - 781022

NOTICE INVITING QUOTATION

Scaled quotations are invited from the reputed manufactures/ authorized dealers/ suppliers for supplying the laboratory equipment as per the list enclosed for the following project:

1. 'Promoting advance research and capacity building in biotechnology & allied disciplines through manpower training, mentoring and sharing of infrastructure developed under the Advanced-Level State Biotech Hub' funded by Department of Biotechnology, Government of India, New Delhi.

The tender documents may be obtained from the office of the Director of Research (Veterinary) personally on payment of a Tender Fee of Rs 300/- (Rupees three hundred) only in the form of Demand Draft to be drawn in favour of DIRECTOR OF RESEARCH (VETERINARY) payable at SBI, Khanapara Branch. The tender documents may also be downloaded from the website www.vetbifg.ac.in subject to the condition that the bidders must have to submit the Tender Fee Rs 300/- along with the quotation, without which the tender/ quotations will be rejected. The earnest money @ 4% for items of Rs. 10,00,001 and above, 3% for items of Rs. 5,00,001 to Rs. 10,00,000 and 2% for items of up to Rs. 5,00,000 of the unit price of the quoted value of the equipment must be submitted along with the quotations in the form of Demand Draft to be drawn in favour of DIRECTOR OF RESEARCH (VETERINARY) payable at SBI, Khanapara Branch. The tenders/quotations will be received up to 4:00 pm of 8th August 2022. The undersigned reserves the right to accept or reject any or all the quotations without assigning any reason thereof.


16/07/2022

(N. Kalita)

Director of Research (Veterinary)
Assam Agricultural University
Khanapara, Guwahati -781022

Memo No. 99/DRV/341/2022-23/SBTHub/
Copy for information and necessary action to:

2625-29

Dated 16.7.22

1. The Comptroller, Assam Agricultural University, Jorhat-13
2. Dr. Probodh Borah, Professor & Head, Dept. of Animal Biotechnology, Project Coordinator, Advance Level State Biotech Hub, C.V.Sc., AAU, Khanapara, Guwahati-22.
3. The Coordinator, BIF, AAU, Khanapara, Guwahati-22 with a request to upload the advertisement in the website www.vetbifg.ac.in.
4. Notice Board, Dean, CVSc/DR (Vety.)/ADEE/DPGS, College of Veterinary Science, AAU, Khanapara.
5. The Advertisement manager, The Assam Tribune with a request to publish the above advertisement in one issue of your paper and submit the bill for payment to the office of the undersigned with copy of the advertisement:
6. Office copy

(N. Kalita)

Director of Research (Veterinary)
Assam Agricultural University
Khanapara, Guwahati -781022

Terms and Conditions

1. The quotation fees of Rs. 300/- (Rupees three hundred only) in favor of DIRECTOR OF RESEARCH (VETERINARY) is not refundable. Those who submit the quotation by downloading the tender documents, must have to submit the quotation fee in the form of IPO/DD along with the quotation, without which the quotation will be rejected.
2. The bidder shall enclose the earnest money @ 4% for items of Rs. 10,00,001 and above, 3% for items of Rs. 5,00,001 to Rs. 10,00,000 and 2% for items of up to Rs. 5,00,000 of the quoted price in the form of DD drawn in favor of the DIRECTOR OF RESEARCH (VETERINARY), payable at SBI, Khanapara Branch. The bids not accompanied by the aforesaid bid security will be summarily rejected. The details of bid security must be mentioned with the quotation. The bid security of the unsuccessful bidders will be released after issuing supply order to the successful bidder and the bid security of the successful bidder will be released only after satisfactory execution of the order.
3. The bidder should provide separate EMD against each item in a separate sealed envelope.
4. The quotation should be sealed and superscribed at the top of the sealed cover as “Quotation for Lab Equipment, Memo no. _____ Dated _____.
5. Quoted price: To facilitate format evaluation, the bidder shall quote the price of the items separately along with relevant papers for supporting the quoted price such as catalogue, dealership certificate and Co’s printed price list, user list etc., failing which the bid shall be treated as incomplete and may be rejected outright at the discretion of the purchaser.
6. The bid submitted to the bidder shall remain valid for a period of 90 (ninety) days. Bids not conforming to this provision shall be treated as non-responsive.
7. To facilitate prompt evaluation, **the bidder must positively submit Double Bids (Technical bid and Price bid, separately)** for each item for verification and evaluation. If the bidder fails to qualify the technical specifications, the bid will automatically get rejected for the specific item, prior to opening of the price bid.
8. In addition to the hard copies, the quotations must also be submitted in a soft copy in CD (to support in Microsoft words only) in the following format failing which the bid will be treated as non-responsive, at the discretion of the purchaser. In case of any optional items, pictures should be shown separately. Any discrepancies in the soft copy will be the responsibility of the bidder.

Format prescribed:

Name of Item	Brief Specification	Unit Price	GST/Freight Charge if Any (FOR Destination)	Total

9. The rates shall be quoted for all duties and taxes, and other levies payable by the bidder shall be included in the item rate. GST should be quoted separately (GST registration No. must be furnished).
10. There should not be any overwriting. Corrections, if any, should be made with dated initial of bidder. Bidder shall submit quotation separately in each item.
11. Rates should be quoted clearly both in words and figures separately for each item without which the quotation shall stand rejected.
12. The price quoted shall be fixed and not subject to adjustment/variation during the performance of the contract.
13. The warranty of the items shall be as per the prevailing warranty policy/certificate of manufacturer (where necessary) for the items and warranty period shall not be less than one year from the date of commissioning of items at site/ installation of the items at site. However, as per the specifications in NIQ, cost of extended warranty

may be mentioned clearly.

14. The bidder shall furnish the warranty for all the items at the time of delivery and commissioning. The purchaser shall reject the items not enclosed by warranty certificate from their manufacturer. The warranty certificate should be duly signed and sealed.
15. Bidders must supply the items at their own cost. All machineries/equipment/kits are to be supplied FOR destination. Delivery of goods shall have to be completed within 30 (thirty) days from the date of issuing supply order.
16. **Installation and commissioning charges, if any, inclusive of expenses of foundation work etc. are to be mentioned separately against each machine.** In case of no mention, the same will be considered as inclusive of installation cost, wherever applicable.
17. The machineries are to be supplied ready to operate, complete with motor, starter and any necessary gadgets including catalogues, troubleshooting manual, etc. without which the same will be considered as incomplete supply.
18. List of spare parts with current price to be required during operation of the machines and addresses of the source of spare parts availability including contact no., e-mail etc. are to be provided in a separate sheet.
19. Price of one set of critical wearable spares that would hamper the working of the machineries/equipment, if not included, should be mentioned separately against each machine.
20. The supplier shall provide free maintenance services during the period of warranty. Any repair and maintenance including providing of spare parts (covered by manufacturer's warranty certificate) during the warranty period shall be bidder's responsibility.
21. Detailed specification with make, model, size and code no., catalogue and name of the manufacturer should be furnished. ISO certificate must be furnished for the offer make where applicable.
22. Copies of S.S.I registration or such documents may be produced with quotation.
23. Attested copies of dealership certificate and Company's printed price list must be enclosed with the quotation.
24. Up-to-date sale Tax clearance certificate and Income Tax return of last two years duly attested must be submitted along with the quotation. PAN No. must be furnished.
25. All payment shall be made preferably in Indian Rupees only.
26. Wherever the laws and regulations require, deduction of taxes at source of payment, the purchaser shall effect such deduction from the payment due to the supplier, the remittance of amounts so deducted and insurance certificate for such deduction shall be made by the purchaser as per the laws and regulation in force.
27. Every page of the bidding documents obtained from the purchaser are to be signed by the bidder including their acceptance of terms and conditions and returned with their quotation.
28. The purchaser reserves the right to accept or reject any quotation and to cancel the instant bidding process and reject all quotations at any time prior to award of contract, without thereby incurring any obligation to the affected bidders of explaining the grounds for such action.
29. The bidder must mention their bank details along with the quotation.

ANNEXURE –I
Format for EMD Details

Sl. No.	Sl. No. of the item (as per bid document)	Name of the item quoted	Basic price of the item (excluding taxes and transportation charges)	Price in Indian rupee (for imported items at the prevailing rate of exchange)	Amount of EMD (4% for items of Rs. 10,00,001 and above, 3% for items of Rs. 5,00,001 to Rs. 10,00,000 and 2% for items of up to Rs. 5,00,000)	Details of EMD submitted including amount and validity

Annexure-II
FORMAT FOR COMPLIANCE STATEMENT

Sl. No.	Name of the Item as per Bid Document	Make: Model:	
Detailed Specifications:			
Sl. No.	Desired specifications as per NIQ	Specification offered*	Complied (Yes/No)

*The Specifications offered must be verifiable from the data sheet (both softcopy and hardcopy) from the OEM, provided by the vendor as well as the official website of the OEM.

FORMAT FOR QUOTATION
(Separate Quotation for individual items to be submitted)

Sl. No.	Name of the item (s)	Brief Specification	Unit price	% of GST/Freight charge if any (FOR Destination)	Total amount

We agree to supply the above items in accordance with the technical specifications mentioned above. We also confirm that the normal commercial warranty/guarantee of _____ months shall apply to the offered goods.

Quotationer's Name:

Signature

Date:

Seal

LIST OF EQUIPMENT WITH DESIRED SPECIFICATIONS

Item No.	Name of the Equipment	Desired Specifications
1.	Class II Type B2 Total Exhaust Biological Safety Cabinet with exhaust facility	<ol style="list-style-type: none"> 1. The cabinet should be Class-II Type-B2. 2. Fully microprocessor-controlled cabinet with soft-touch keypad controls and backlit LCD display to permit operation of blower, UV lamp, electrical outlets and menu. 3. Internal Dimension should be around 1250 x 575 x 675 mm (W x D x H) 4. The Cabinet should comply some international certificates like NSF/ANSI, EN, ISO, JIS, US Fed, UL CAN/CSA etc. 5. The cabinet should have combination of ULPA & HEPA filters with efficiency >99.999% & 99.99% for particle size 0.1 to 0.3 microns. The filter should be within aluminum frame with mini-pleat design without aluminum separators. 6. The cabinet should have permanently lubricated external blower motor. 7. Work tray should be one-piece, removable, stainless steel with radius corner without any crevices or joints. 8. Should have raised arm rest for prevention of the likely hood of inflow grill blocking the operator's arm, 9. Cabinet should have Dual Wall Construction that surrounds the work zone with negative pressure plenum for maximum safety. 10. Inflow velocity should be less than 0.53 m/s² 11. Down flow velocity should be atleast 0.33 m/s 12. Noise level should be less than 60 dBA 13. External ducting for exhaust polluted air should be quoted with the system. 14. Should have Air-tight damper for external ducting facility. 15. Should have provision for fail safe system that in case of exhaust failure the cabinet's main fan automatically shuts down to ensure safety to the users.

		<p>16. UV-Lamp, antimicrobial coated SS stand with front brakes and wheels [not locally fabricated for foreign make instruments], electrical fittings (minimum two nos.) should be with the system.</p> <p>17. External ducting with rotor should be with the system for 100% exhaust of contaminated air from the cabinet [~12 ft]</p> <p>18. A List of at least 15 users should be provided for the same model at reputed Central Govt/State Govt. institutes/Universities etc.</p> <p>19. The Supplier/Manufacturer should be able to support for Training/On-Site Demo.</p> <p>20. The Supplier/Manufacturer should ensure quick post sale service (E.g. calibration service) and there should be service engineer for North-Eastern states of India.</p> <p>21. The instrument should come with on-site warranty for a minimum of one years. Cost for extended warranty up to 3 years should also be quoted.</p> <p>22. The quoted price should be FOR destination inclusive of all charges.</p>
2.	Cryopreservation Unit	<p>1. The liquid nitrogen storage vessel must include the following:</p> <ul style="list-style-type: none"> • LN2 capacity of 100-130 liters • Neck diameter of at least 8.5" • Vacuum insulation • Static holding time of 122 days or more • 2 mL vial capacity of at least 4000 vials • 5 mL vial capacity of at least 1600 vials • Exterior dimensions of at least 50 x 90 cm (Diameter x height) • Four Stainless steel racks, each rack designed to hold (10) boxes of 1.2/2.0 mL vials • CE certification or equivalent certification <p>2. The system should have the provision of a Filled installed level monitor.</p> <p>3. The evaporation rate should be below 1%/day.</p> <p>4. The system must be supplied with logbook, filled installed level monitor, Cryoclaw Ampoule remover, Liquid nitrogen transfer vessels of capacity ~50 lit, Stainless Steel Racks, Plastic Cryoboxes (for 2 ml and 5ml), Cryo-vials (internal threads both 2 ml and 5 ml), Cryo-gloves etc.</p>

		<ol style="list-style-type: none"> 5. The Supplier/Manufacturer should be able to support for Training/On-Site Demo. 6. The Supplier/Manufacturer should ensure quick after-sale service and Service Engineer should be available in NER. 7. The Supplier/Manufacturer should provide an instrument user list of North-East India or Pan India. 8. The instrument should come with an on-site warranty for a minimum of one year. 9. Quoted price should be FOR destination inclusive of all charges.
3.	Vertical Automatic Top Loading Autoclave	<ol style="list-style-type: none"> 1. The instrument should be automatic top loading. 2. Effective chamber volume should be between 150-200 litres 3. Power supply should be: 230V AC, Single phase, 50 Hz 4. External diameter at least 850 x750 x 1200 mm 5. Usable inter diameter at least 550 x 750 mm 6. Temp. range should be 121°C to 125°C factory set at 121°C 7. Pressure range should be 15 to 22 PSI, factory set at 15 PSI 8. Inside S.S. 304 mirror finish; Outer SS 304 mirror finish. 9. System should be Vertical 304 SS double walled design, should have single chamber for Steam & water 10. Lid. flange & bottom sheet should be made of S.S all joints Argon welded. 11. System should have Heavy duty industrial flange heater. 12. Foot lifting arrangement should be provided 13. System should have S. S. Rod Basket with spare gasket. 14. System should have Safety high pressure release valve and Vacuum breaker & self-purging system. 15. System should be supplied with Microprocessor Based Digital Temperature controller with inbuilt Timer. 16. It should be CE/ISO or equivalent certified.

		<p>17. Warranty should be minimum 1 year with optional 3 years extended warranty.</p> <p>18. The Supplier/Manufacturer should be able to support for Training/On-Site Demo.</p> <p>19. The Supplier/Manufacturer should ensure quick post sale service and there should be Service Engineer available in NER.</p> <p>20. The Supplier/Manufacturer should provide an instrument user list of North-East India or Pan India.</p> <p>21. The quoted price should be FOR destination inclusive of all charges.</p>
4.	Western Blotting System	<p>1. The system should have the following components:</p> <p><u>Component 1: Vertical gel Electrophoresis unit</u></p> <ul style="list-style-type: none"> • It should be ready to run at least 4 handcast or precast gels at a time • Gel Size should be around 8.5 x7.5 cm (W x L) • Dimension of Glass Plate: around 10 x 8 cm • Required running buffer volume should not be more than 750 ml for 2 gels and 1000 ml for 4 gels. • Run time should be less than 1 hour (at 200V constant) • There should be regulatory certification like- IEC 1010, CE etc. • Same system should be able to perform western blotting, 2D/tube gel electrophoresis & electro elution with the help of different module. • At least 5 sets of glass plates (1.00 mm) should be provided with each unit, glass plates should have permanently bonded spacers. • At least 5 nos. of ten well of different thickness (e.g. 0.75mm, 1.00 mm etc.) combs should be provided. • Casting frames, casting stand, casting stand gaskets, sample loading guide, dummy plates (buffer dam), electrode assembly, buffer tank, gel releasers, lid with power cables and all other essential accessories required to run the electrophoresis unit should be provided. <p><u>Component 2: Western blotting unit (Wet)</u></p> <ul style="list-style-type: none"> • The system should come with rapid and reproducible blotting modules for mini gels

		<p>(10 cm x 7.5 cm maximum)</p> <ul style="list-style-type: none"> • The gel holder cassettes should be compatible with the vertical mini gel tank. • Cassettes should be color-coded to ensure proper orientation of the gel during transfer. • Options for cooling unit should be available. • The cassette should accommodate two gels at a time. <p><u>Component 3: Power Supply</u></p> <ul style="list-style-type: none"> • The system should come with high-voltage power supply pack • It should support an output of minimum 5,000 V, 500 mA, and 400 W. • It should support protein electrophoresis, nucleic acid electrophoresis, IEF, sequencing etc. • It should have fully adjustable built-in timer for 0-999 min or more. • Output Terminal: There should be four (04) pairs recessed banana jacks in parallel. • There should be LCD screen displays for all run parameters • There should be regulatory certifications such as EN-61010, CE Certified etc. • Safety Features should include followings: No-load detection, Sudden load change detection, Over-load / short-circuit detection, Overload protection etc. <ol style="list-style-type: none"> 2. The Supplier/Manufacturer should be able to support for Training/On-Site Demo. 3. The Supplier/Manufacturer should ensure quick post sale service and service engineer should be available in NER. 4. The Supplier/Manufacturer should provide instrument user list of North-East India or Pan India. 5. The instrument should come with on-site warranty for minimum of one year. 6. The Quoted price should be FOR destination inclusive of all charges.
--	--	--