



DBT-AAU CENTER FOR AGRICULTURAL BIOTECHNOLOGY
ASSAM AGRICULTURAL UNIVERSITY
JORHAT

ADDENDUM

The NIQ (**Memo no. DBT-NECAB/AAU/TP/01/2021-22/Part-1/783-791 Dated 08/08/2022**) of DBT-North East Centre for Agricultural Biotechnology, Assam Agricultural University, Jorhat, has been modified to incorporate two-bid system and few changes in the list of items have also been made. As such, the interested vendors may please submit their bids following this notification. Those vendors who have already submitted their bids may withdraw and revise their offers following this addendum. The last date of NIQ has been extended up to **10/10/2022**.

Sd/- Centre Director
DBT- AAU Centre
AAU, Jorhat-13

Memo No. DBT-NECAB/AAU/TP/01/2021-22/Part-1/791

DATED – 05/09/2022

Copy for information to:

1. The PS to the Vice-Chancellor, AAU, Jorhat
2. The Comptroller, AAU, Jorhat
3. The Registrar/ All Directors/ Chief Librarian/ Director of Research. They are requested to display in the notice boards.
4. The Web Master, ARIS Cell, AAU, Jorhat. He is requested to upload the advertisement in AAU website.
5. The Notice Boards of the Dean, FA and Department of Agril. Biotechnology, AAU
6. Instrumentation Engineer, DBT-AAU Centre, AAU.
7. The Accountant, DBT-AAU Centre, AAU.
8. Office Copy.

Sd/- Centre Director
DBT- AAU Centre
AAU, Jorhat-13

Terms and Conditions

1. The quotation fees of Rs.200/- (Rupees Two hundred only) in favor of “The Comptroller, Assam Agricultural University, Jorhat-13” is not refundable. Those who will submit the quotation by downloading the tender documents, they must have to submit the quotation fee in the form of DD along with the quotation **without which quotation will be rejected**
2. The bidder shall enclose EMD 2% of the quoted price in the shape of DD drawn in favor of “DBT-AAU Centre, Assam Agricultural University, Jorhat-13”. The bids that are not accompanied by the aforesaid bid security will not be accepted. The details of bid security must be provided. The bid security of the unsuccessful bidders will be released after issuing supply to the successful bidder and the bid security of the successful bidder will be released after execution of the order.
3. The quotation shall be sealed and super scribed at the top of sealed cover “**Quotation for Lab equipments under DBT-NECAB**”.
4. Quoted price: To facilitate format evaluation, the bidder shall quote the price of each items separately along with relevant papers for supporting the quoted price such as **catalogue, dealership certificate and Company’s printed price list, list of user/customers with valid contact details, email ID. Failing which the bid shall be treated as non-responsive at the discretion of the purchaser.**
5. The bidder must furnish performance certificates (if available) along with the bidding documents.
6. The bid submitted to the bidder shall remain valid for a period of 90(ninety) days. Bid not conforming to this provision shall be treated as non-responsive.
7. The Bidders shall provide all technical information in the Technical Bid and Commercial Information in the Commercial Bid separately. He/She will seal the envelope No.1 as Technical envelope and envelope No.2 Commercial envelope in separate inner envelopes, duly marking the envelopes as “envelope No.1, Technical Envelope” and “envelope No.2 Commercial Envelope”.
8. Quotation must also be submitted in a **soft copy in CD (to support in Microsoft words only)** in the following format **failing which the bid treated as non-responsive, at the discretions 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 quotationers.**
9. **The rate shall be quoted for all duties, taxes and other levies payable by the bidder shall be included in the item rate. GST should be quoted separately (TIN No/GST 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 24 months from the date of commissioning of items at site. **The spare parts should be available for at least next five years from the date of purchase.**
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/equipments 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 whenever applicable.
17. The machineries are to be supplied ready to operate, complete with motor, starter and any necessary gadgets including catalogues, trouble shooting 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/equipments 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 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 Co'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 after the satisfactory installation of the instruments.
- 26.** Where ever the laws and regulations require, deduction of taxes at source of payment, the purchaser shall effect such deduction from the payment due 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.** The quotation will be opened on the day of last date of submission i.e. on 10/10/2022(extended date) **at 2.30 p.m.** in the office of the undersigned. The bidder or his authorized representative may attend the bid opening. Except price, no other details will be announced during the opening.
- 28.** Every page of the bidding documents purchased from the purchaser are to be signed by the bidder including their acceptance of terms and conditions and returned with their quotation.
- 29.** The undersigned reserves the right to accept or reject any quotation and to cancel the instant bidding process and reject all quotation at any time prior to award of contract, without thereby incurring any obligation to the affected bidders of grounds for the purchaser action.
- 30.** All the accessories required for full and proper functioning of the equipment should be included with the unit price not as accessories such as Voltage stabilizer, Computer, software etc.
- 31.** All the equipments are kept in the ambient temperature, if the equipment requires any specific environment that should be mentioned in the technical specification part.

Annexure-I

Format for EMD details

(EMD to be provided separately for each item)

Sl No	Sl No of the item (as per bid document)	Name of the project	Name of the item quoted	Basic Price of the item (excluding taxes & transportation charges)	Price in Indian Rupee (for imported items at prevailing rate of exchange)	Amount of EMD (2% of Basic price)	Details of EMD submitted including amount and validity
1							
2							
3							

Annexure II

(To be provided separately for each item)

FORMAT FOR Technical Compliance Report

- **Sl No of the item (as per bid document):**
- **Name of the item:**
- **Manufacturer:**
- **Make & Model:**

Sl. No.	Specification asked for (strictly as mentioned in bid document)	Specification offered (Corresponding to specification in bid document)	Technical Compliance (Yes/No)	Variation if any	Details of Technical literature supporting the technical compliance (Suitably tagged)

Annexure III
(To be provided separately for each item)
FORMAT FOR Price data

Name of Item	Brief Specification	Unit Price	GST/Freight Charge(FOR Jorhat)/ or any other charges(if Any)	Total
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Price data:

- Price*:
- Taxes and levies (GST for indigenous equipment and applicable rate of Customs duty against DSIR certificate for imported items)
- Installation:
- Transportation:
- Warranty:
- Any other terms & condition

Signature & Seal of the
bidder*

F.O.R.AAU Jorhat for indigenous equipments.

List of additional equipment /instruments and their specifications

Sl. No	Name of the equipment/instrument	Required specifications
1	Refrigerated Bench Top Centrifuge	<ul style="list-style-type: none"> • The speed of the Centrifuge should be up-to 15000 rpm, RCF 20600 x g or more • Should have LCD display with parameter settings that can be changed during operation with Speed and RCF display. • System should come with Zero-maintenance motor, Motorised lid lock, Energy-efficient and low-noise fan control • Should facilitate window in lid for external speed monitoring, Overspeed monitoring • Minimum Ten programs, user-modifiable programs, High-performance cooling should be available • Temperature setting range should be from -10°C to +40°C • System should accommodate two pairs of (fast, soft) acceleration and braking curves to optimize separation processes. • Noise level at maximum speed should not be more than 52 dB(A) • Max. acceleration time should not be more than 26 sec. and Maximum braking time should not be more than 21 sec. • System should also facilitate short or pulsed runs. • The system should be durable with easy-care stainless steel chamber • System should facilitate Rapid Temp quick cooling program and Pre-cooling program • System should provide guaranteed $\leq +4^{\circ}\text{C}$ at maximum speed with all rotors • System should be quoted with a 36 x 2 ml fixed angle rotor with max. speed of 15,000 RPM and max. RCF of 20,124 x g with biosafe aluminium lid and Tmin at maximum speed should be 4°C and angle should be (outer/inner): $30^{\circ} / 50^{\circ}$ & 12 x 5 ml Fixed Angle Conical Rotor with max. speed of 15,000 RPM and max. RCF of 20,124 x g with hermetically closable aluminium lid and Tmin at maximum speed should

		<p>be less than 4°C and angle should be 40°</p> <ul style="list-style-type: none"> • Height with open lid should not be more than 550 mm • The centrifuge should be manufactured according to the latest national and international standards (e.g. EN 61010-2-020), CE certification, RoHS certifications and the respective certificates should be enclosed. • The bidder should have local Assam based service centre and trained engineer to attend any service call within 72 hours.
2	Growth Chamber	<p>Capacity: 350 L</p> <p>TEMPERATURE SPECIFICATION</p> <ul style="list-style-type: none"> • Temperature range - Lights on : 15°C to 40°C • Temperature range - Lights off : 5°C to 40°C • Temperature Accuracy : ±0.5°C • Temperature Uniformity : ±1.0°C • Control : PLC with PID based HMI • Temperature Changed Via : HMI (Touch Screen) • Temperature Deviation Alarm : Audible and Visual <p>HUMIDITY SPECIFICATION</p> <ul style="list-style-type: none"> • Humidity Range -Lights on : 50 to 85% RH (+15°C to +40°C) • Humidity Range -Lights off : 50 to 85% RH (+15°C to +40°C) • Humidity Accuracy : 5% RH • Humidity Uniformity : 5% RH • Method : Ultrasonic Humidifer • Control : PLC with PID based HMI <p>OTHER SPECIFICATIONS</p> <ul style="list-style-type: none"> • Metal door with large Double glazed glass viewing window • Material of construction : Stainless steel(SS304) Interior • MS Powder coated Exterior • No of Shelves : 3(adjustable) • The unit should be insulated by min 70mm thick Fiber glass wool • Illumination with timer : 7000 lux (±10%) • Method : LED Lamps 12w X 6 Nos • Tank Capacity : 350 litres • Growth area per shelf : min 0.3m²

		<ul style="list-style-type: none"> • Total Growth area : min 0.9 m² • Growth Height : 240mm • Operating power supply : 16Amps, 230V,50Hz, 1φ • The refrigeration system is hermetically sealed compressor and CFC free • Safety: Over current protector - MCB • <i>Must be CE certified to comply with the international safety measures</i>
3	Refrigerated Incubator Shaker	<p>SHAKING SPECIFICATION</p> <ul style="list-style-type: none"> • Shaking Frequency : 25-400 RPM • Shaking Deviation : ± 1 RPM • Shaking Display : Digital LED • Shaking Motion : Orbital • Diameter of Orbital Motion : 26 mm (1 inch) • Platform Dimension (W x D) : min 420 x 420 mm • Capacity : Approx. 100 L • Movement of the shaker MUST comprises Triple Eccentric Counter Balanced drive with 7 permanently • Lubricated Ball Bearings • Drive : Brushless AC Motor (BLAC) • Universal Aluminum Platform³ which can accommodate Standard clamps of sizes from 10 ml upto 2 L: 52 Nos. of 10 ml (OR)36 Nos. of 25 ml (OR) 36 Nos. of 50 ml (OR) 36 Nos. of 100 ml (OR) 36 Nos. of 125 ml (OR) 25 Nos. of 250 ml (OR)25 Nos. of 300 ml (OR) 16 Nos. of 500 ml (OR) 9 Nos. of 1L (OR) 4 Nos. of 2L . <p>TEMPERATURE SPECIFICATION</p> <ul style="list-style-type: none"> • Temperature Range: 5°C to 80°C • Temperature Accuracy 6 : ± 0.1° C in 37°C to 80°C • : ± 0.3° C in 25°C to 36.9°C • : ± 0.5° C in 5°C to 24.9°C • Temperature Sensor : Pt100 • Temperature Controller : Microprocessor Based PID • Temperature Display : Digital LED • Temperature Change via : Soft Touch Keypad <p>OTHER SPECIFICATIONS</p> <ul style="list-style-type: none"> • Large toughened front Double Glazed window with one LED Lamp for Chamber visibility. • Material of Construction (MoC) : Interior SS and Exterior MS Powder Coated

		<ul style="list-style-type: none"> • Can be stacked upto 2 Levels with Stack Stand7 • Audible & Visual alarm for Temperature deviation • Thermostat cut-off for Temperature over shoot • Provided with RCCB to prevent from electrical hazard • Non Volatile Memory with automatic Power failure restart • Unit must comes with Safety Stop switch during door openings
4	10 KVA True ON-LINE double conversion UPS	<ul style="list-style-type: none"> • Three Phase Input Single Phase Output, DSP based technology • Must built in with isolation transformer • With SMF Battery for min 3 hrs back up • Capacity:12V-200Ah • Must supply with rack & interconnecting cable