



## COTTON UNIVERSITY

Panbazar, Guwahati- 781001

### Notice Inviting Bids

**" NIB No. CU/S&P/2025/18 Dt. December 22, 2025 "**

Bids in sealed cover are invited from OEM or authorized dealers in dual-bid system with respect to procurement of Major Lab Equipments under DBT supported MSc. Programme of MBBT Dept, CU. The deadline for the same is 2:00 P.M. of January 07, 2026. For details, please visit [www.cottonuniversity.ac.in](http://www.cottonuniversity.ac.in)

S/d, Registrar,i/c

*Hiren Debnath*

Registrar, i/c

Cotton University

Panbazar, Guwahati-781001, Assam



# COTTON UNIVERSITY

Panbazar, Guwahati-781001, Assam, India

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## Notice Inviting Bids

**" NIB No. CU/S&P/2025/18 Dt. December 22, 2025"**

Bids in sealed cover are invited from Original Equipment Manufacturers (OEMs) or their authorized dealers/suppliers/vendors or business partners in dual-bid {techno-commercial and financial} system with respect to Procurement of Major Lab Equipments under DBT supported MSc Programme of Cotton University.

The bidding document pertaining to this notice, along with the requisite processing fee worth INR 2,000/-, must be downloaded from the University's website i.e. [www.cottonuniversity.ac.in](http://www.cottonuniversity.ac.in). The sealed cover must be super-scribed as **"Procurement of Major Lab Equipments under DBT supported MSc programme of Dept. of MBBT, Cotton University :: NIB No. CU/S&P/2025/18 Dt. December 22, 2025"** and addressed to **"The Registrar, Cotton University, Guwahati-781001, Assam"**. The sealed cover containing the bid must be submitted during office hours on or before 2.00 P.M. of January 07, 2026 in the drop-box arranged for the purpose. Bid opening might be done on the same day at 3:00 P.M. in presence of the bidders.

  
(Dr Hiren Deka)  
Registrar,i/c

Memo No. CU/S&P/2025/28/ 8114-20

Dated 23/12/25

Copy for information and necessary action to:

1. The Director, Directorate of Information and Public Relations, Government of Assam; is requested to arrange for publication of the abstract ad {soft copy enclosed} of this notice in the immediately next issue of 'The Assam Tribune', and 'Amar Asom', as well as submit the invoice in triplicate format for claiming the release of payment
2. The P.S. to the Vice Chancellor, Cotton University
3. Prof. Eeshan Kalita, Head, Department of MBBT, Cotton University.
4. The Finance Officer, Cotton University
5. The Systems Manager, Cotton University; is requested to arrange for uploading/posting of this bidding document in the University's website
6. The University's notice board
7. The office file concerned

  
(Dr Hiren Deka)  
Registrar,i/c



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## 1. Terms and Conditions:

The following terms and conditions, which are the minimum criteria for this bid, shall apply herein: -

- 1.1. The sealed cover must be submitted in **two separate, sealed sub-envelopes** clearly super-scribed as:
  - (i) **'Techno-commercial Bid'**, consisting of documents, testimonials, etc. pertaining to all technical specifications/ details of item(s) in addition to commercial terms and conditions as well as other requisite compliances; and
  - (ii) **'Financial Bid'**, indicating per unit base rates, per unit prices, total prices and value of the items listed in the Techno-commercial Bid.
- 1.2. The **two separate, sealed sub-envelopes** mentioned in Clause 1.1 are required to be placed inside a **bigger sealed envelope** clearly super-scribed on the top of the same as **"Procurement of Major Lab Equipments under DBT supported MSC programme of Dept. of MBBT, Cotton University :: NIB No. CU/S&P/2025/18 Dt. December 22, 2025"**. The **name and address of the bidder** along with **valid contact number(s)** must be mentioned on each of the envelopes. The bigger sealed envelope which is required to be addressed to **"The Registrar, Cotton University, Guwahati-781001, Assam"** must be submitted during office hours on or before 2:00 P.M. of January 07, 2026 in the drop-box arranged for the purpose.
- 1.3. Irrespective of having been registered with the Ministry of Micro, Small & Medium Enterprises (MSME), Govt. of India or the National Small Industries Corporation (NSIC), Govt. of India, there is a mandatory processing fee to the tune of **INR 2,000/- (Indian Rupees Two thousand only)**, which must be deposited through the **CU Samarth Portal**.
- 1.4. **Techno-commercial Bid opening and evaluation** might be done on the same day at 3:00 P.M. in presence of the bidders. **Financial Bid of only the techno-commercially acceptable offer(s) shall be opened** for the purpose of evaluation. In case the Techno-commercial Bid evaluation remains incomplete that day, then the date and time of Financial Bid opening shall be intimated to the shortlisted bidder(s) separately.
- 1.5. In case the date of bid submission is declared a holiday by any jurisdictional authority, the following working day of the University shall be treated as due date for bid submission. The bid received after due date and time or without sealed cover or in torn condition shall be treated as 'unresponsive' and disqualified, and shall not be entertained under any circumstances whatsoever.
- 1.6. Going forward, any addendum, corrigendum, notice of date extension, etc. shall be posted on the University's website only. As such, it is in the bidder's interest to stay alert regarding such postings.
- 1.7. All bids received shall be opened, scrutinized and evaluated by a committee constituted for the purpose of selection and recommendation with respect to Award of Contract (A.O.C.)/ Purchase Order (P.O.).
- 1.8. Evaluation of bids shall be done separately for each item/ category of items on the basis of the respective lowest offered per unit base rates, per unit prices, total prices and value or some other appropriate criterion/parameter adopted by the committee constituted for the purpose.
- 1.9. All pages of the bidding document and supporting materials, annexure/enclosures etc. must be sealed and signed by the bidder or their authorized signatory. All entries by the bidder must be



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- legibly written. Any over-writing, corrections and cuttings must bear initials of the authorized signatory. Ideally, corrections must be made by writing again instead of 'shaping' or over-writing.
- 1.10. Unless the bidder submits a certificate [in order to avail exemption of Earnest Money Deposit (EMD)] issued by the Ministry of Micro, Small & Medium Enterprises (MSME), Govt. of India or the National Small Industries Corporation (NSIC), Govt. of India, they must invariably furnish EMD to the tune of 3% of the quoted value vide Banker's Cheque/ Demand Draft only {and not in any other mode}, drawn in favour of "Cotton University" and payable at "Guwahati".
  - 1.11. The Earnest Money Deposit (EMD) of the unsuccessful bidder(s) shall be returned after placement of Purchase Order (P.O.)/ Award of Contract (A.O.C.) on the successful bidder, whereas the EMD of the successful bidder(s) shall be treated as Performance Security money.
  - 1.12. The Performance Security money/EMD shall be retained until three (3) years from the respective date of installation {and commissioning, if applicable} pertaining to all the Lab instrument/equipments, post which the same shall be returned subject to obtaining the necessary 'No Objection Certificate'/ 'Clearance Report' from the authorized personnel/ end user concerned.
  - 1.13. The Performance Security money of the successful bidder, during the subsistence of the period of warranty, shall be interest-free [i.e. it shall not carry any interest on the principal amount] and be refunded after adjustment of all dues of the University for Damages of any kind, if any.
  - 1.14. An offer of Replacement Guarantee encompassing immediate replacement of the 'to be supplied' item(s) against defects of manufacturing/ workmanship/ mishandling during storage and transit etc. must be provided by the successful bidder.
  - 1.15. An offer of On-site Comprehensive Warranty for a period of at least two (2) years [from the date of installation {and commissioning, if applicable} of the equipments] must be provided by the successful bidder.
  - 1.16. The University reserves the right to call for any information and record as well as inspect the premises of any or all of the bidders, before as well as during award of the supply contract/ Purchase Order (P.O.) and subsistence of the warranty period.
  - 1.17. The University shall deal with the representative(s) of the Original Equipment Manufacturer (OEM) or their authorized dealer/supplier/vendor or business partner directly, and thus, no other commission agents, middle-men, etc. must be asked or encouraged by the bidder to represent their cause.
  - 1.18. The bidder submitting their bid shall be deemed to have read and unconditionally accepted all the terms and conditions stated herein. Therefore, counter-conditional bids shall be summarily rejected.
  - 1.19. No correspondence shall be entertained in respect of acceptance or rejection of bid.
  - 1.20. Per unit base rates, per unit prices, total prices, value [which must not under any circumstance exceed the respective Maximum Retail Prices (MRPs) or reasonable market rates, prices, value] have to take into account taxes and duties, wages of manpower, charges for packaging/ forwarding/ freight {bulk loading and unloading}/ transit insurance, charges for on-site delivery as well as on-site installation and commissioning, etc. Other incidental expenses must be borne by the bidder themselves.

*[Handwritten signature]*



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- 1.21. Trunkey bids will be given preference. The total prices and value in the Financial Bid must be quoted in Indian currency, i.e. Indian Rupees (INR) only.
- 1.22. If per unit base rates, per unit prices, total prices, and value are quoted in a format other than the one prescribed in the bidding document, then the bid is liable to be cancelled. Therefore, 'Schedule of Prices' must be carefully and properly filled up.
- 1.23. On-site delivery, on-site installation {and commissioning, if applicable} of the lab equipment [besides any on-site training {if necessary}] must be done by the authorised representative(s) of the Original Equipment Manufacturer (OEM) or their authorized dealer/supplier/vendor or business partner entirely at their own risk and free-of-cost in their presence and to the satisfaction of the authorized personnel of the University.
- 1.24. The successful bidder must deliver the ordered item(s) at the Cotton University or any other site(s) to be finalized in due course of time by the authorized personnel. Besides, the former must also collect item(s) for return, if any.
- 1.25. The successful bidder must provide adequate and prompt after-sales service and support, whenever and wherever called for at the designated site during such time in the day as may be specified for that particular place from time to time which shall include all working days/ shifts and even on holidays. Apart from delivering the required services, as and when called for, the bidder must discharge any other duties, which in the opinion of the University are within the scope of work of the bidder, and that such duties must be carried out with due diligence and care.
- 1.26. Bidder must provide list of institutions within Assam, where similar equipments were supplied within the last three years along with the details of contact persons for verification.
- 1.27. Bidders must have a local office in Guwahati with dedicated service personnel for all supplied equipment.
- 1.28. The successful bidder must not divulge any information, confidential or otherwise, that he may come across. The authorized representative(s) of the bidder shall be granted access/permission by the University to enter the premises only for the purpose of carrying out the contractual obligations in respect of the supply contract/ Purchase Order and not for any other reason or purpose. Prior permission from the authorized personnel of the University must be obtained by the authorized representative(s) of the bidder in the event of them being required to remain on the University premises beyond the stipulated time and/or on Sundays and fixed public holidays for whatsoever reasons.
- 1.29. The successful bidder and their representative(s) shall be liable to be dealt with suitably in the event of infringement of any law. Any financial liability arising on the University shall be deducted from the invoice of the bidder; and if the full amount is still not recovered, the same shall be recovered from the Performance Security money of the bidder.
- 1.30. In case the successful bidder fails in fulfilling the obligations under the bid or supply contract/ Purchase Order, fully and in time, the University shall have the absolute right to take up the work at the bidder's cost and risk, and recover all such expenses from the amount of money due to the bidder including their Performance Security money.

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- 1.31. If **any damage** is caused to **persons and/or property of the University** by the successful bidder or its personnel deployed in the University's premises in the course of execution of task/assignment under the supply contract/ Purchase Order, then the **bidder shall** be liable for the same and that they shall **indemnify the University** against such damages. The bidder shall also **render all assistance and cooperation** to the University in the event of any **inquiry relating to any such incident or accident**.
- 1.32. **No advance payment** shall be made to the successful bidder. **Payment** shall be made only **after due scrutiny, verification and certification** by the **authorized personnel of the University** who shall necessarily be officer(s)/official(s)/end user(s) designated by the University for the purpose regarding the successful execution of the allotted task/assignment by the authorized representative of the bidder.
- 1.33. The successful bidder is **liable to forfeit their Performance Security money** and **be barred from bidding in the future** if after receipt of supply contract/ Purchase Order, they fail to deliver the **major lab instrument/equipments and/or fulfil due obligations** with respect to the same. For any **deficient service**, the University reserves the **right to terminate the contract/ P.O.** and initiate such further **penal, including legal, action** as deemed appropriate.
- 1.34. The successful bidder shall **not delegate or sublet/subcontract the supply assignment or any part thereof to any other entity/company/agency/contractor/supplier/vendor or business partner** without the prior written consent/approval of the University; and such **consent, even if provided, shall not relieve the bidder from any liability or any obligation** under the supply contract/ Purchase Order.
- 1.35. **Statutory levies and taxes**, as applicable from time to time, might be **deducted at source** {as Tax Deducted at Source (TDS)} **from the invoice** of the successful bidder at the time of settlement of the same **unless the bidder produces a certificate {from the Income Tax authorities} to the contrary**. TDS certificate, wherever applicable, shall be issued by the University to that effect. Taxes, as applicable, shall be paid as per rules.
- 1.36. The successful bidder must **observe all the laws** and be **solely responsible for any prosecution or liability arising from breach** of any of those laws. The bidder must be **responsible for compliance with all central and state laws as per rules/ regulations/ bye-laws/ orders of the local authorities and statutory bodies** as may be in force from time to time during the subsistence of the supply contract/ Purchase Order (P.O.) and period of warranty. The bidder must also **indemnify the University and its officer(s)/official(s)/end user(s) from any claim or consequences/damages for any lapse or non-compliance thereof**. If, at any point of time, it is found that any type of **liability/ responsibility** has been fixed on the University or its employees by any government or local body/authority with respect to the contract/ P.O., then the **total responsibility must be borne by the bidder**.
- 1.37. **Mere submission of the bid does not confer any right** on any eligible bidder for being selected as a **successful bidder** and to subsequently obtain the **Award of Contract (A.O.C.)/Purchase Order (P.O.)**.
- 1.38. **Non-conformity** to any of the stipulated **terms and conditions** and/or non-submission of any of the documents/ testimonials/ fees etc., reference of which is made in the '**Enclosures-cum-Checklist**' Section, shall amount to the bid being '**incomplete**' thereby **disqualifying the bidder** owing to which their bid shall **not be considered, but instead, summarily rejected** by the bid opening and evaluation committee.



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1.39. The **bid shall be rejected if: -**

- (i) the authenticity of any of the supporting documents is found to be fabricated or false or untrue or incorrect or forged or deceitful; or
- (ii) the bidder is found to have been blacklisted by any government/ non-government organization/ Public Sector Undertaking in the preceding three (3) years; or
- (iii) the bidder is convicted, punished, charge-sheeted in a criminal case involving moral turpitude; or
- (iv) the bidder tries to canvass the bidding process or influence any official of the University, in any manner whatsoever; or
- (v) the bid or any part of it is found to be conditional or contradictory in nature and interpretation.

1.40. If, at a later date, it is found that any of the information, documents, testimonials or certificates submitted by the successful bidder is **wrong/ forged/ fake/ false/ manipulated**, then the **supply contract/ Purchase Order (P.O.)** shall stand **cancelled with immediate effect** and that the **Performance Security money** shall be **forfeited** without any claim whatsoever against the University.

1.41. **Selection shall notipso facto (by itself) confer any right on the successful bidder to receive the Award of Contract (A.O.C.)/ Purchase Order (P.O.)** from the University and that it **shall in no way guarantee or ensure allotment of task/assignment**. The University reserves the **right to procure the goods from any other reliable entity/company/agency/contractor/supplier/vendor or business partner which might not be selected** as per this or any other bid.

1.42. The University reserves the **right to cancel the supply contract/ Purchase Order** by giving a **notice in writing without assigning any reason** whatsoever in lieu thereof. Any notice sent by the University to the address recorded in the bidding document of the successful bidder shall be deemed to have been properly served for any of the purposes mentioned herein.

1.43. The **decision of Cotton University on all matters connected with or incidental to selection of supplier(s)/vendor(s)** shall be **final and binding on all**, and that it **shall not be called in question on any ground**. In case of any **ambiguity or dispute** that may arise in the interpretation of any of the clauses in this bidding document, the **interpretation of the Registrar, Cotton University shall be final and binding on all**.

1.44. Cotton University reserves the **right to amend or withdraw any of the terms and conditions and also update/ modify/ relax/ waive/ supplement the minimum criteria/requirements at any point of time**. The University also reserves the **right to accept the offers in full or in parts or reject the same summarily or partly**. Additionally, the University reserves the **right to accept, consider or reject any or all of the offers without assigning any reason in lieu thereof**.

1.45. **The Registrar, Cotton University or any officer/official authorized by the University, shall have the discretion to review or ascertain and enforce due and proper observance of the laws, rules and regulations**. The **officer(s)/official(s)** so authorized by the University, or the **Registrar, may by himself, investigate into any complaint** in the case of any default on the part of the successful bidder vis-à-vis terms and conditions of the bid. **No bidder shall be allowed to be represented by any legal expert during the course of any mutual discussion, consultation, investigation, enquiry, appeal or any other proceeding** conducted by or before any officer/official of the University against the bidder.

1.46. In the event of any **ambiguity or dispute or difference between the parties involved** relating to or concerning the **interpretation of the supply contract/ Purchase Order** or any **alleged breach** thereof



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or any matter relating to the contract or the bid, the same shall be settled by the parties concerned, as far as possible, by mutual discussions and consultations between themselves. The dispute shall be so settled only when the same has arisen during or after the placement of the Purchase Order (P.O.) and/or during subsistence of the supply contract or its period of warranty; and that the decision taken by the Registrar, Cotton University shall be final and binding on all parties concerned.

- 1.47. The law of the land shall apply to the supply contract(s)/ Purchase Order(s) arising out of this bid. All disputes in this connection and all matters arising out of the same shall be settled exclusively in the courts falling under the jurisdiction of Kamrup Metropolitan district authority.



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## 2. Enclosures-cum-Checklist:

❖ Documents etc. which must be placed inside the sub-envelope titled 'Techno-commercial Bid' are:

- i) Processing fee paid copy/print copy.
- ii) Earnest Money Deposit (EMD) in the form of Banker's Cheque/ Demand Draft to the tune of 3% of the quoted value and alternatively, Certificate issued by MSME/NSIC, Govt. of India.
- iii) Copy of the bidding document duly sealed and signed by the authorized signatory representing the bidder thereby implicating that all terms and conditions stipulated in the bidding document are unconditionally acceptable to the bidder
- iv) Copy of Proprietary Article Certificate (PAC) or valid Letter/Certificate of Authorization/ Dealership or Manufacturer Authorization Form (MAF) issued by Original Equipment Manufacturer (OEM).
- v) Copy of OEM's Product Brochures/ Technical Literatures regarding the offered products which include detailed specifications, images, sketches, diagrams, test reports, energy ratings, etc. as applicable.
- vi) List of institutions within Assam, where similar equipment were supplied within the last three years along with the details of contact persons for verification (if required), must be submitted.
- vii) Statement/Table indicating Technical Compliance stating the University's required items' specifications *vis-à-vis* the bidder's offered items' specifications in the letterhead of the bidder
- viii) Copy of the up-to-date Trade License issued by Guwahati Municipal Corporation.
- ix) Copy of the Certificate of Registration pertaining to GSTIN and document(s) indicating up-to-date GST filing
- x) Copy of document(s) indicating Income Tax Returns (ITR) filing for the last Financial Years
- xi) Copy of documents/testimonials [set(s) of purchase orders along with delivery challans and installation reports/certificates] indicating previous work experience of having supplied similar equipment to government or semi-government organisation(s)/ higher educational institute(s) of repute situated in north-eastern region of India

❖ Document which must be placed inside the sub-envelope titled 'Financial Bid' are:

- Copy of the prescribed format of 'Schedule of Prices' duly filled up in neat and legible handwriting

*Hiren Deka*

Registrar, i/c

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### 3. Specifications:

Sl. No.	ITEM NAME WITH SPECIFICATION
1	<p><b><u>ICE FLAKING MACHINE</u></b></p> <p><b>Specification:</b></p> <ul style="list-style-type: none"><li>• Reliable, energy efficient light weight, Easy Extraction system.</li><li>• Well-balanced CFC-free air-cooled refrigeration system with hermetic sealed compressor, condenser, fan motor assembly refrigerant to cool the crusher assembly for producing ice.</li><li>• High grade PUF INSULATION between outer and inner chamber for minimal thermal losses.</li><li>• Automatic controller for compressor, motor and water level. Machine gets automatically cut off when the collecting bin is full of ice flakes through the controller. Auto cut off in case of no water supply. Overload protector for motor and refrigeration system.</li><li>• Flakes are to be extruded just below 0° Celsius.</li><li>• Stainless steel evaporator to maximize heat exchange between refrigerant and water.</li><li>• Caster wheel mounted for easy portability.</li><li>• Supplied with cord and plug.</li><li>• Capacity per 24 Hrs./: 50 kg (bin Cap:15 kg)</li><li>• Operating Voltage: 220 Volts AC (50 Hz).</li></ul>
2	<p><b><u>Gel Documentation System</u></b></p> <p><b>Specification:</b></p> <ul style="list-style-type: none"><li>• <b>Material</b> Mild Steel (MS), Powder Coated</li><li>• <b>Dimensions</b> 60 x 35 x 40 cm</li><li>• <b>Camera</b> CMOS Digital Camera, 24.1 Megapixels</li><li>• <b>Camera Features</b> Gel Live View and Image Capture</li><li>• <b>Camera Filter</b> Standard 590 nm Filter</li><li>• <b>Gel Doc Hood</b> Darkroom Cabinet with Standard White Light Illumination</li><li>• <b>UV Trans illuminator</b> Research Model</li><li>• <b>Viewing Area</b> 21 x 21 cm</li><li>• <b>DUAL UV Wavelength:</b> 312 nm AND 254 NM</li><li>• <b>UV Tubes</b> 8 Nos.</li><li>• <b>UV Filter</b> Imported Quartz Filter</li><li>• <b>Detection Limit</b> 0.1 ng (nanogram)</li><li>• <b>White Light Plate</b> Provided</li><li>• <b>Blue Light Plate</b> Provided</li><li>• <b>Application</b> DNA and RNA Gel Imaging</li><li>• <b>Image Acquisition</b> Dedicated Software for Image Acquisition</li><li>• <b>Analysis Software</b> Licensed Version of 1D Analysis Software</li><li>• <b>Certifications</b></li><li>• ISO &amp; CE Certified</li><li>• USFDA and ISO 13485:2016 Certificate Should Be Provided</li></ul>

*Hiren Deka*  
Registrar,  
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## **Biological Safety Cabinet (Class II)**

### **Specification:**

#### **Construction**

- Working Table: **Perforated Stainless Steel 304 (S.S. 304)**
- Body: **Mild Steel (M.S.)**
- Front Door: **Transparent acrylic sheet (lockable)**

#### **Filtration System**

- **Primary HEPA Filter:**
  - Imported mini-pleat type
  - Efficiency: **99.97% down to 0.3  $\mu$**
  - Media: Glass fiber
  - Pleats: Back & forth, separated by aluminium foil
  - Frame: Anodized aluminium
- **Exhaust HEPA Filter: Provided**

#### **Airflow System**

- **Airflow Pattern:**
  - **70% air recirculated** through HEPA filter
  - **30% air exhausted** through HEPA filter

#### **Standards Compliance**

- **US FED Standard 209E:** Class 100
- **ISO 14644.1:** ISO Class 5

#### **Performance**

- Motor-Blower Assembly: **Statically balanced, heavy-duty**
- Velocity at HEPA outlet: **90  $\pm$  20 FPM**
- Noise level: **< 65 dB**
- Vibration level: Very low
- Monitoring: **Static Pressure Manometer**

#### **Lighting & Safety Features**

- Normal fluorescent working light
- UV Light: **1  $\times$  15/30 watts**
- Virus Burnout System integrated
- Gas cock provided

#### **Dimensions**

- Working Area: **3'  $\times$  2'  $\times$  2'**

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4	<p><b><u>Spectrophotometer</u></b></p> <p><b>Specification:</b></p> <p><b>General Description</b></p> <ul style="list-style-type: none"><li>• Type: Micro volume UV-Vis Spectrophotometer</li><li>• Product Line: Micro volume</li></ul> <p><b>Optical Specifications</b></p> <ul style="list-style-type: none"><li>• Wavelength Range: 230 nm, 260 nm, 280 nm</li><li>• Wavelength Accuracy: <math>\pm 1</math> nm</li><li>• Wavelength Repeatability: Typical 0.002 A (1.0 mm path) or 1% CV</li><li>• Spectral Resolution: <math>\leq 1.8</math> nm (FWHM at Hg 254 nm)</li><li>• Detector Type: 2048-element CMOS linear image sensor</li><li>• Light Source: Xenon flash</li><li>• Path length: 1.0 mm and 0.2 mm (auto-adjust)</li><li>• Absorbance Accuracy: 3% at 0.97 A, 302 nm, <math>23 \pm 2</math> °C</li><li>• Absorbance Range: 0.04 to 30 Abs (10 mm equivalent)</li></ul> <p><b>Performance</b></p> <ul style="list-style-type: none"><li>• Detection Limits:<ul style="list-style-type: none"><li>◦ dsDNA/RNA: 2.0 ng/<math>\mu</math>L (1.6 ng/<math>\mu</math>L)</li><li>◦ BSA (IgG): 0.06 mg/mL (0.03 mg/mL)</li></ul></li><li>• Concentration Measurement Range:<ul style="list-style-type: none"><li>◦ dsDNA/RNA: 1,500 ng/<math>\mu</math>L (1,200 ng/<math>\mu</math>L)</li><li>◦ BSA (IgG): 45 mg/mL (21 mg/mL)</li></ul></li><li>• Sample Volume (Metric): 1 to 2 <math>\mu</math>L</li></ul> <p><b>System &amp; Operation</b></p> <ul style="list-style-type: none"><li>• Display: LCD Touchscreen</li><li>• Connections: USB 2.0 Port</li><li>• System Requirements: Standalone control with data export via USB Flash Drive</li></ul> <p><b>Electrical &amp; Physical Specifications</b></p> <ul style="list-style-type: none"><li>• Voltage: 100–240 V</li><li>• Power Consumption: 18 W (standby &lt; 3 W)</li><li>• Depth (Metric): 22 cm</li></ul> <p><b>Certifications</b></p> <p>UL, CSA, and CE compliant</p>
5	<p><b><u>Refrigerated Centrifuge</u></b></p> <p><b>Specification</b></p> <ul style="list-style-type: none"><li>• Maximum Speed: 16,000 RPM</li><li>• Maximum RCF: 21,000 g</li><li>• Maximum Tube Size: 175 mL</li><li>• Maximum Capacity: 700 mL</li><li>• Lowest Temperature: <math>-10</math> °C</li><li>• Noise Level: &lt; 60 dB</li><li>• Acceleration Profiles: 10</li></ul> <p style="text-align: right;"><i>Hiren Seena</i> Registrar, Cotton University Panbazar, Guwahati-781001, Assam</p>



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	<ul style="list-style-type: none"><li>Deceleration Profiles: 10</li><li>Dimensions (W × D × H): 830 × 650 × 500 mm</li></ul> <p><b>Supplied Rotors</b></p> <p>Rotor</p> <ul style="list-style-type: none"><li>6 x 50ml Angle rotor for 50ml tubes</li><li>Maximum Speed: 9500 RPM</li><li>Maximum RCF: 10050 g</li></ul> <p>Angle Rotor (for 2 mL tubes)</p> <ul style="list-style-type: none"><li>24 x 2ml Angle Rotor for 2ml Micro Tubes with Reducers RE 2-05 (for 0.5ml) &amp; RE 2-02 (for 0.2ml)</li><li>Maximum Speed: 15,000 RPM</li><li>Maximum RCF: 21000 g</li></ul>
6	<p><b><u>Probe Sonicator</u></b></p> <p><b>Specification</b></p> <ul style="list-style-type: none"><li>Frequency: 20–25 KHz (automatic tracking)</li><li>Process Capacity: 0.5–500 mL (approx.)</li><li>Probe Diameter: 6 mm (Standard, Titanium Alloy, 1/4")</li><li>Output Power: 6.5–650 W (adjustable)</li><li>Power Supply: AC 220 V / 50 Hz</li></ul> <p><b>Display &amp; Control</b></p> <ul style="list-style-type: none"><li>Display Type: 4.3-inch TFT</li><li>Display Functions: Temperature, Power, Time, etc.</li><li>Input Method: Touch screen control</li><li>Timer: Selectable</li><li>Temperature Range: 0–99°C</li><li>Data Memory: 20 groups</li><li>User Password Protection: Available</li></ul> <p><b>Safety Features</b></p> <ul style="list-style-type: none"><li>Overload Protection: Yes</li></ul> <p><b>Physical Specifications</b></p> <ul style="list-style-type: none"><li>Dimensions (L × W × H): 490 × 370 × 280 mm</li></ul>

**\*N.B.:** Quantum of order is subject to revision at a subsequent stage without any provision for revision in offered per unit base rate(s) and per unit price(s)

*Hina Sena*  
Registrar, i/c  
Cotton University  
Panbazar, Guwahati-781001, Assam



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Name of the **Bidder**: .....

Address of the **Bidder**: .....

Contact Number(s) of the **Bidder**: .....

E-Mail ID(s) of the **Bidder**: .....

Type of Business Entity of the **Bidder** [*Proprietorship/Partnership/Company*]: .....

Full Name {in BLOCK Letters} of the **Authorized Signatory**: .....

Full Signature of the **Authorized Signatory** with Date:

Office Seal/Stamp:

*Hiren Deka*

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Panbazar, Guwahati-781001, Assam