



# COTTON UNIVERSITY

Panbazar, Guwahati-781001, Assam, India

[cottonuniversity.ac.in](http://cottonuniversity.ac.in) :: 0361-2601100/2733530 :: [registrar@cottonuniversity.ac.in](mailto:registrar@cottonuniversity.ac.in)

## Notice Inviting Bids

" NIB No. CU/S&P/2022/10 Dt. June 2, 2022 "

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 Minor Lab Equipment for DST INSPIRE Project under Department of Chemistry, Cotton University.

The bidding document pertaining to this notice, along with the requisite nos. of ICICI Bank Challan- 'FEE CODE 011' which is meant for payment of a processing fee worth INR 1000/-, 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 Minor Lab Equipment for DST INSPIRE Project under Department of Chemistry, Cotton University :: NIB No. CU/S&P/2022/10 Dt. June 2, 2022" 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 11:00A.M. of June 23, 2022 in the drop-box arranged for the purpose. Bid opening might be done on the same day at 11:30A.M. in presence of the bidders.

  
(Prof. Diganta Kumar Das)  
Registrar  
Cotton University  
Panbazar, Guwahati-781001, Assam

Memo No. CU/S&P/2022/05/ 5767-74

Dated 01/6/22

Copy for information and necessary action to:

1. The P.S. to the Vice Chancellor, Cotton University
2. The Head, Department of Chemistry, Cotton University
3. Dr. Bhabatosh Banik, Principal Investigator of DST INSPIRE Project and Assistant Professor, Department of Chemistry, Cotton University
4. The Finance Officer, Cotton University
5. The Systems Manager, Cotton University; he is requested to arrange for uploading/posting of this bidding document in the University's website
6. The Director, Directorate of Information and Public Relations, Government of Assam; he 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', 'The Times of India' and 'Amar Asom', as well as submit the invoice in triplicate format for claiming the release of payment
7. The University's notice board
8. The office file concerned

  
(Prof. Diganta Kumar Das)  
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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 Minor Lab Equipment for DST INSPIRE Project under Department of Chemistry, Cotton University :: NIB No. CU/S&P/2022/10 Dt. June 2, 2022"**. 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 **11:00A.M. of June 23, 2022** 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 1,000/- (Indian Rupees One thousand only)**, which must be deposited through the requisite nos. of **ICICI Bank Challan-'FEE CODE 011'** at any of the branches of **ICICI Bank**. The **soft copy** version of the aforementioned bank challan has to be **downloaded** from the University's website i.e. [www.cottonuniversity.ac.in](http://www.cottonuniversity.ac.in) for which it has been provided therein under the sub-head called **"NIQ/Tenders/EoI"** which again is under the head called **"Notifications"**.
- 1.4. The sealed and signed **counter-foil** [which indicates payment of the processing fee] **with regard to the bank challan** bearing the heading **'UNIVERSITY'S COPY'** must be submitted in the sub-envelope titled **Techno-commercial Bid**.
- 1.5. **Techno-commercial Bid opening and evaluation** might be done on the same day at **11:30A.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.
- 1.6. 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.
- 1.7. 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.
- 1.8. **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.)**.

*Registrar*  
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- 1.9. **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.**
- 1.10. **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 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.**
- 1.11. **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".**
- 1.12. **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.**
- 1.13. **The Performance Security money shall be retained until three(3) years from the respective date of installation {and commissioning, if applicable} pertaining to all the minor lab equipment, post which the same shall be returned subject to obtaining the necessary 'No Objection Certificate'/ 'Clearance Report' from the authorized personnel/ end user concerned.**
- 1.14. **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.**
- 1.15. **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.**
- 1.16. **An offer of On-site Comprehensive Warranty for a period of at least three(3) years [from the date of installation {and commissioning, if applicable} of the minor lab equipment] must be provided by the successful bidder.**
- 1.17. **The bidder has to mandatorily have their service and technical support personnel in Guwahati or Kamrup Metropolitan area. 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.**
- 1.18. **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.**
- 1.19. **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.**
- 1.20. **No correspondence shall be entertained in respect of acceptance or rejection of bid**

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Regd. Office  
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Guwahati-781001





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- 1.21. **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.**
- 1.22. **Per unit base rates, per unit prices, total prices, and value** in the **Financial Bid** must be quoted in **Indian currency, i.e. Indian Rupees (INR)** only.
- 1.23. 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.
- 1.24. **On-site delivery, on-site installation {and commissioning, if applicable} of the minor 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.
- 1.25. The successful bidder must deliver the ordered item(s) at the **Department of Chemistry, 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.
- 1.26. 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.
- 1.27. 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.
- 1.28. 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.
- 1.29. 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.

6/11/2020 Registrar  
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- 1.30. 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.
- 1.31. 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.
- 1.32. 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 minor lab equipment 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.
- 1.33. 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.
- 1.34. Goods and Services Tax (GST) at the concessional rate of 5% shall be applicable for this procurement as is the case with certain specified categories of items which are known to facilitate research purposes in public funded institutions. The same has been mandated by the applicable notification(s)/order(s)/certificate(s) issued from time to time by the Department of Scientific and Industrial Research, Ministry of Science and Technology, Govt. of India or the Ministry of Finance, Govt. of India and/or other competent statutory/public authority empowered by the government.
- 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.

*Silma* Registrar  
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- 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.
- 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 not *ipso 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.

6/2/20  
Registrar  
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- 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 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) Counterfoil {UNIVERSITY'S COPY} of ICICI Bank Challan- FEE CODE 011 indicating payment of the processing fee worth INR 1000/-
  - 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) exclusively against this particular bid number
  - 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) 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
  - vii) Copy of the up-to-date Trade License issued by respective administrative jurisdiction in respect of the district or Union territory
  - viii) Copy of the Certificate of Registration pertaining to GSTIN and document(s) indicating up-to-date GST filing
  - ix) Copy of document(s) indicating Income Tax Returns (ITR) filing for Financial Years 2019-20 and 2020-21 (i.e. for Assessment Years 2020-21 and 2021-22)
  - x) 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

*S. S. S.*  
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### 3. Specifications:

Sl. No.	Name and Category of Items with Detailed Specifications
1	<p><b>Biological Safety Cabinet:</b></p> <ul style="list-style-type: none"><li>• Depth (Metric) Exterior 800</li><li>• Dimensions (L x W x H) Exterior 800 x 1300 x 1536 mm</li><li>• Display 7 segment display</li><li>• Electrical Requirements 230V</li><li>• Filter Efficiency 0.99995</li><li>• Filter Type H14 Hepa</li><li>• Hertz 50/60Hz</li><li>• Lighting Fluorescent</li><li>• Certifications/Compliance NSF ANSI 49</li><li>• Chamber Material Smartcoat</li><li>• Energy Consumption (Operating Set Point) 160 W/h</li><li>• Energy Consumption (Reduced Flow Mode) 70 W/h</li><li>• Height (English) 30.7 in. (Interior), 61.8 in. (Exterior)</li><li>• Height (Metric) 1568 mm (Exterior), 780 mm (Interior)</li><li>• Noise Level &lt;63 dBA</li><li>• Outlets 2x duplex</li><li>• Ports 1x each side</li><li>• Power Consumption 0.2 kw (Operating Set Point)</li><li>• Receptacles Two Single, Left and Right Side</li><li>• Sash Opening 9.8 in.</li><li>• Sash Opening (Metric) 250mm</li><li>• Type Biological Safety Cabinet</li><li>• Volume (Metric) Exhaust 582 m3/hr.</li><li>• Width (English) Exterior 51.2 in.</li><li>• Width (English) Interior 47.2 in.</li><li>• UV light and set of armrests</li><li>• SmartFlow designed to ensure safety</li><li>• Digital Airflow Verification (DAVe) validates protection</li><li>• Night Set-Back Mode to save energy, maintain stability</li></ul> <p><b>Digital Voltage Stabilizer:</b></p> <ul style="list-style-type: none"><li>• 4 KVA</li><li>• Automatic functioning</li><li>• Reputed brand</li><li>• Compatible with the Biological Safety Cabinet</li></ul> <p><b>Accessories for successful installation and utilization of the equipment:</b></p> <ul style="list-style-type: none"><li>• Tubes, Power Cables, Clips etc.</li></ul>
	<p><b>CO<sub>2</sub> Incubator:</b></p> <ul style="list-style-type: none"><li>• Capacity (English) 1.4 cu. ft.</li></ul>

*Signature*  
Registrar  
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সম্মত প্রোগ্রাম

2

- Certifications/Compliance CE, UL, cUL
- Capacity (Metric) 40L
- Chamber Material Polished Stainless Steel
- Temperature Range (Metric) Ambient +5°C to 50°C
- Relative Humidity <90% at 37°C
- Material Stainless Steel
- Electrical Requirements 230 V, 50/60 Hz
- Humidity Source Water Pan
- Weight (English) 60 lb<sub>1</sub>
- CO<sub>2</sub> Sensor Technology TC Sensor Lighting LED
- Type CO<sub>2</sub> Incubator Oxygen Control None
- CO<sub>2</sub> Concentration Range 0 to 20%
- Personalized culture space for undisturbed incubation conditions and avoidance of contamination risk
- Small-sample throughput requirements
- Digital read-out and alphanumeric displays to simplify operation and monitoring with Microprocessor Control
- Factory calibration to maintain accurate thermal gas performance
- Microprocessor-based automatic thermal conductivity CO<sub>2</sub> control
- Direct heat temperature management design, featuring 6 heated sides including inner glass door, providing temperature uniformity of +/- 0.1°C for gradient-free culturing conditions, without troublesome condensation
- High quality stainless steel culture chamber and interior components, including 4 shelves, constructed of corrosion resistant stainless steel with rounded corners
- Comprehensive alarm system with audible and visual alerts monitors temperature and CO<sub>2</sub> functions Temperature range: 5°C above ambient to 60°C
- Microprocessor based control electronics featuring an easy to operate 3 button membrane touchpad for entering temperature, CO<sub>2</sub>, alarm, calibration and diagnostic function data
- Bright, easy to read blue vacuum fluorescent display for simplified operation with high visibility of all incubator parameters
- A heated, removable stainless steel humidity water pan must be provided, having rapid recovery rates resulting from direct heating
- Display should provide digital signal outputs as standard for CO<sub>2</sub> and temperature performance information
- Reinforced cabinet to permit stacking
- Scratch-resistant, corrosion-resistant, high-impact painted finish for easy cleaning
- Solid outer door that closes gently against the cabinet with a magnetic gasket
- Tempered glass inner door should be heated by outer door to prevent condensation
- Radiant wall heating to provides accurate, uniform temperature with natural air convection

#### **Uniform Power Supply:**

- 5KVA online UPS
- Built-in isolation transformer

#### **CO<sub>2</sub> Gas Cylinder with Regulator:**

- Capacity: 22.7 kg (50 lbs)
- Filled with cell-culture grade CO<sub>2</sub> gas
- Gas regulator (corrosion resistant, double stage) compatible with the gas cylinder.

5/11/20 Registrar  
Cotton University  
Guwahati-781001, Assam



# COTTON UNIVERSITY

Panbazar, Guwahati-781001, Assam, India

[cottonuniversity.ac.in](http://cottonuniversity.ac.in) :: 0361-2601100/2733530 :: [registrar@cottonuniversity.ac.in](mailto:registrar@cottonuniversity.ac.in)

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## Accessories for successful installation and utilization of the equipment:

- Tubes, Power Cables, Clips, etc.

## Benchtop Refrigerated Centrifuge:

- Capacity: 4 x 145 mL, 6 x 50 mL, Max. Speed 9,500 rpm
- Capacity: 24 x 2 mL, Max. Speed 17,850 rpm
- Refrigerated
- Noise Level <56 dB(A) with all rotors
- Safety Features Auto-Lock rotor exchange system
- Imbalance detection system
- Certified Click-Seal biocontainment lids
- Wattage 750 w
- Electrical Requirements 230 V 50/60 Hz
- Controller Type Microprocessor
- Drive System Direct Brushless Induction
- Program Storage 3 direct program buttons, plus 96 additional programs accessible via folder, all with alphanumeric program naming
- Run Time 99 hr. 59 min., continuous
- Temperature Range -10°C to +40°C
- Exterior Lid Open 27.5 in.
- Profile (Acceleration/Braking) 2 (standard and soft) Frequency 50/60 Hz
- One-touch operation with pre-saved protocols
- Highly visible backlit display
- Glove- and detergent-friendly user interface
- Multilingual instructions offered in English, Dutch, French, German, Italian, Russian and Spanish on programming, run conditions, alerts and service messages
- Centrifuge should conform to the latest clinical and safety standards such as UL, CE and IVD
- Runs up to 24 x 5/7mL blood tubes at a time in swinging bucket configuration
- Runs up to 8 x 50mL swinging bucket rotor capacity, four microplates or 30 filtration columns for research needs
- Auto-Lock rotor exchange for application flexibility

## Rotor:

- Capacity: 4 x 145 mL, 6 x 50 mL, Max. Speed 9,500 rpm, Max. RCF 12,108 x g
- Adapters for 15 mL tubes must be included

## Digital Voltage Stabilizer:

- 4 KVA
- Automatic functioning
- Reputed brand
- Compatible with the Centrifuge

## Accessories for successful installation and utilization of the equipment:

- Tubes, Power Cables, Clips, etc.

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*Signature*  
Registrar  
Cotton University  
Panbazar, Guwahati-781001, Assam



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## 4. Schedule of Prices:

Sl. No.	Item with Brand	Per Unit Base Rate {INR}	HSN Code	Value of GST @5% {INR}	Per Unit Price {INR}	Quantum*	Total Price {INR}	Delivery Schedule {No. of Days}
[A]	[B]	[C]	[D]	[E]	[F=C+E]	[G]	[H=FxG]	[I]
1	Biological Safety Cabinet along with Digital Voltage Stabilizer and Accessories					1 set		
2	CO <sub>2</sub> Incubator along with Uniform Power Supply, CO <sub>2</sub> Gas Cylinder with Regulator, and Accessories					1 set		
3	Bench-top Refrigerated Centrifuge along with Rotor, Digital Voltage Stabilizer and Accessories					1 set		
<b>Value {INR}</b>								

\*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)

Name of the Bidder: .....

Address of the Bidder: .....

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

*Handwritten Signature*  
Registrar  
Cotton University  
Guwahati-781001, Assam





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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:

  
Registrar  
Cotton University  
Panbazar, Guwahati-781001, Assam