



F.No. AUD/1-10(167)/Ecolab / 2015-16

Dated: 04 April 2016

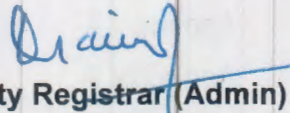
To,

Subject: Notice Inviting Tender for Supply & Installation of Laboratory Equipment at AUD Ecology Lab

The Ambedkar University Delhi (AUD) invites sealed quotations from competent & reputed manufacturers/ authorized distributors/ dealers for Supply & Installation of Laboratory Equipment at Ecology Lab. Technical & Financial bids are required to be submitted in separate sealed covers addressed to the Registrar, Ambedkar University Delhi, Lothian Road, Kashmere Gate, Delhi-110006 so as to reach us on or before 26-04-2016 up to 3.00 PM, duly super scribing the work i.e. "Technical Bid for Supply & Installation of Laboratory Equipment" and "Financial Bid for Supply & Installation of Laboratory Equipment" on top of the cover.

The technical bid will be opened at 3.30 PM on the same day. Financial bids of only those vendors will later be opened, whose technical bid qualify on the basis of criteria mentioned in the tender document. Tender format can be downloaded from our website 'www.aud.ac.in'. Clarifications, if any, may be sought from the AUD Admin Division on Telephone No 23863655.

Tenderers should read the tender document carefully as enclosed and comply strictly with the terms and conditions before sending their bids.


Deputy Registrar (Admin)

Copy forwarded to:

- 1- Registrar, Ambedkar University Delhi
- 2- Controller of Finance, Ambedkar University Delhi
- 3- Dean, School of Human Ecology, Ambedkar University Delhi

AMBEDKAR UNIVERSITY DELHI

TENDER DOCUMENT FOR SUPPLY & INSTALLATION OF LABORATORY EQUIPMENT AT AUD ECOLOGY LAB

1. Appendix A : Schedule of Requirement
2. Appendix B : Technical Bid Form
3. Appendix C : Financial Bid Form
4. Appendix D : Undertaking
5. Appendix E : Detailed Specifications of Equipment

**Ambedkar University Delhi
Lothian Road, Kashmere Gate
Delhi – 110 0006**

SUPPLY AND INSTALLATION OF LABORATORY EQUIPMENT AT
AUD ECOLOGY LAB

1. Parties:

The parties to the Contract are the Tendering Firm and the Ambedkar University Delhi (AUD).

2. Scope of Work

Supply and installation of laboratory equipment for Ecology Lab at AUD as described in Appendix A. The detailed specifications are listed in Appendix E.

3. Preparation and Submission of Tender:

- (a) A vendor can submit bid for one or more number of items mentioned in Appendix B.
- (b) Tender shall be submitted in official tender form only. If submitted in any other form, the same shall be summarily rejected.
- (c) The tender should be submitted in two parts viz. Technical Bid and Financial Bid in the proforma given in Appendix B and Appendix C respectively with **each bid kept in a separate sealed cover**.
- (d) Each cover must contain the address of the Bidder, and should be superscribed with the statement "**Technical Bid for supply and installation of laboratory equipment**" and "**Financial Bid for supply and installation of laboratory equipment**", as the case may be.
- (e) These two covers should then be **kept in another sealed cover** addressed to Registrar, Ambedkar University Delhi, Lothian Road, Kashmere Gate, Delhi-110006, duly superscribed with the statement "**Tender for supply and installation of laboratory equipment**".
- (f) The tender will be submitted **before 3:00 PM on 26-04-2016**. The Technical bid (Part-I) will be opened at 3:30 PM on 26-04-2016 in the presence of intending tenderers, if any. The Financial bid (Part-II) of the tender will be opened after evaluation of the technical bids and only such bidders, whose bids are qualified in technical evaluation, shall be called for opening of their commercial bids.
- (g) Any tender form with any correction, amendments, overwriting etc. shall be considered invalid and shall be rejected, except if duly initialed with seal of the tenderer.
- (h) The tender is liable to be ignored if complete information is not given there-in, or if the particulars and data (if any) asked for in the schedule to the tender are not filled in.

4. Site Inspection:

Before submitting the offer, vendors should visit the School of Human Ecology (Tele No. 23864876), AUD Kashmere Gate campus, where these Laboratory Equipment are required to be installed, after taking prior approval between 10 am to 5 pm on all working days. AUD will not be responsible for unawareness of facts.

5. Technical Bid :

- (a) The Technical bid, having details of the firm along with the EMD, should be submitted in the form given in Appendix B.
- (b) The bidder is required to fill the details in column Nos 4, 5 & 6 of the table given in Appendix A and submit it along with the Technical bid.
- (c) Copies of necessary certificates will be enclosed with the Technical bid.
- (d) The vendor should also submit an undertaking as given in Appendix D with the Technical bid.

6. Financial Bid:

- (a) The Financial Bid should be submitted in the form given in Appendix C.
- (b) The consolidated price quoted shall be firm and final and payable for the goods delivered, installed and commissioned in the Class Room/ Lab (F.O.R destination basis).
- (c) No payments other than the amount shown as consolidated price shall be made by this university. If any statutory levy is found applicable, the same shall be borne by the tendering firm. The only deviation to the preceding statement could be the levies revised upward or introduced by State or Central Government after the submission of the tender by the bidder, in which case the Bidder shall produce documentary evidence.
- (d) The quoted rates shall include all taxes, duties, VAT, insurance, custom duty etc. as applicable and no extra shall be payable on this account, item wise, wherever applicable.
- (e) TDS as per rule shall be deducted. The tenderer must enclose copy of PAN No supported by copy of PAN Card of the Firm.
- (f) The rates will be valid for a period of one year, from the date of opening of the tender documents.
- (g) Rates and amount should be written in figure and words cleanly for each item.

7. Validity:

The bids shall be valid for a period of 3 (three) months from the date of opening of the tender, subject to 6 (f) above.

8. Criterion for Evaluation of Tenders:

(a) The evaluation of the tenders will be made first on the basis of technical information furnished in form given in Appendix B, which is an eliminatory round, and then on the basis of commercial information furnished in form given in Appendix C. Any inferences drawn by the tenderers or their representatives during the opening of the technical bid will be their own view and AUD will not be responsible / required to abide by the same. The detailed technical specifications are given in Appendix E.

(b) As a part of the process to evaluate the technical bids, the Tender Evaluation Committee may invite the tenderers to make a presentation before it.

(c) L1 bidder for each item would be decided separately at the time of opening of financial bids.

9. Right of Acceptance and Other Provisions:

(a) The acceptance of the tender rests with AUD. The university is not bound to accept the lowest tender bid and reserves the right to accept or reject any or all the bids without assigning any reasons thereof. AUD also reserves the right to modify and/ or relax, any terms & conditions of this tender document to safeguard its interest.

(b) AUD reserves the right to black list a defaulting vendor.

(c) Any inquiry after submission of the tender will not be entertained.

(d) Any failure on the part of the bidder to observe the prescribed procedure and any attempt to canvas for the purchase order will prejudice the firm's quotation.

(e) AUD reserves the right to cancel the tender process without assigning any reason whatsoever, at any stage.

(f) AUD reserves the right to increase or decrease quantity of the items given in the enclosed Appendix A depending on the prevailing requirement.

(g) The tender document is valid for a period of six months from the date of issue. If supply order is not issued within this period, the process will have to start afresh.

10. Time Schedule for Completing of Work:

The supply must be completed within 45 (forty five) days from date of issue of the supply order.

11. Inspection, Testing and Quality Control:

(a) The purchaser and/or its nominated representative(s) will, inspect and/or test the ordered equipment for Ecology Lab to confirm their conformity to the contract specifications at no extra cost to the purchaser.

(b) The Inspection Authority to be designated by the Purchaser shall communicate within 15 days of issue of supply order what inspections and tests the purchaser requires and where they are to be conducted. The purchaser shall notify the vendor in writing in a timely manner of the identity of representative(s) nominated for this purpose.

(c) The inspections and tests may be conducted on the premises of the vendor or its subcontractor(s), at point of delivery and/ or at the final destination i.e. Ecology Lab at Ambedkar University Delhi.

(d) If conducted on the premises of the vendor or its subcontractor(s), all reasonable facilities and assistance, including access to drawings and production data shall be furnished to the inspectors at no charge to the purchaser. Should any inspected or tested equipment fail to conform to the specifications, the purchaser may reject the equipment. The vendor shall either replace the rejected equipment or make alterations necessary to meet the specification requirement free of cost to the purchaser, within a period of 30 (Thirty) days of initiating such rejection.

(e) The Dean, School of Human Ecology at Ambedkar University Delhi shall be the final authority to reject full or any part of the supply, which is not conforming to the specifications and other terms and conditions. No payment shall be made for rejected stores. Rejected items must be removed by the tenderers within two weeks of the date of rejection at their own cost and replaced immediately. In case these are not removed, these will be auctioned at the risk and responsibility of the vendors without any further notice.

12. Warranty (12 Months Onsite Warranty including Spare Parts):

(a) The vendor **will provide minimum 12 months comprehensive Onsite Warranty including spare parts etc.**, from the date of completion of supply and installation of the items.

(b) In case of any claim arising out of this warranty, the Purchaser/ Consignee shall promptly notify the same in writing to the vendor.

(c) Upon receipt of such notice, the vendor shall, within 48 hours on a 24(hrs) x 7 (days) x 365 (days) basis respond to take action to repair or replace the defective equipment or

parts thereof, free of cost, at the ultimate destination. The vendor shall take over the replaced parts/ equipment after providing their replacements and no claim, whatsoever shall lie on the purchaser for such replaced parts/ equipment thereafter. The penalty clause for non-replacement will be applicable as per the penalty clause.

(d) In the event of replacement of defective equipment during the warranty period, the warranty for the replaced equipment shall be extended for a further period.

(e) If the vendor, having been notified, fails to respond to take action to replace the defect(s) within 48 hours on a 24(hrs.) x 7 (days) x 365 (days) basis, the purchaser may proceed to take such remedial action(s) as deemed fit by the purchaser, at the risk and expense of the vendor and without prejudice to other contractual rights and remedies, which the purchaser may have against the vendor, including forfeiture of the performance security/ bank guarantee.

13. Delay in the Vendor's Performance:

(a) The vendor shall deliver the Laboratory Equipment in conformity with Para 14 (d) and perform the services under the contract within the time schedule specified by the Purchaser/ Consignee in the Schedule of Requirements and as incorporated in the contract. The time and the date schedule of delivery of the equipment mentioned in the Schedule of Requirements (SOR)/ Incorporated in Contract shall be deemed to be of the essence of the contract and the delivery must be completed no later than the date (s) as specified in the contract / supply order.

(b) Subject to the provisions of the tender, any delay by the vendor in maintaining its contractual obligations towards delivery of the equipment and performance of services shall render the vendor liable to any or all of the following sanctions:

- i) Imposition of liquidated damages,
- ii) Forfeiture of its performance security and
- iii) Termination of the contract for default.
- iv) Blacklisting the vendor.

14. Penalty: In the event of the firm failing to:

- (i) Observe or perform any of the conditions of the work order as set out herein; or
- (ii) Execute the order in good condition to the satisfaction of AUD or by the time fixed by AUD.

(a) It shall be lawful for AUD, in its discretion, in the former event to remove or withhold any part of the order, until such times as it may be satisfied that firm is able to do and will duly observe the said conditions and in the latter event to reject or remove as the case may require any order executed otherwise than in a good condition and to the satisfaction of AUD and by the time fixed by it and in both or either of the events aforesaid to make such

arrangements as it may think fit for the execution of the order so removed or order in lieu of that so rejected or removed as aforesaid on account and at the risk of the firm.

(b) Provided further that if in either event any excess cost be incurred by reason of the difference between the prices paid and the accepted rates, AUD may charge the amount of such excess cost to the firm and the same may at any time thereafter be deducted from any amount that may become due to the firm under this or any other contract, or maybe demanded of him to be paid within fourteen days to the credit of the AUD.

(c) In the event of discovery of any error or defect due to the fault of the firm/ vendor at any time after the delivery of goods ordered, the firm/ vendor shall be bound, if called upon to do so, to rectify such error or defect at his own cost to the satisfaction of and within the time fixed by AUD. In the event of the delivery of any defective work, which owing to urgency or for any other reason cannot be wholly rejected AUD shall have the power to deduct from any payment due to the firm such sum as it may deem expedient.

(d) If the vendor fails to deliver any or all of the equipment or fails to perform the services within the time frame(s) incorporated in the contract, the Purchaser/ Consignee shall, **without prejudice to other rights and remedies available to the Purchaser/ Consignee under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to 0.50% per week of delay or part thereof on delayed supply of equipment/ replacement parts and/ or services until actual delivery or performance, subject to a maximum of 5% of the contract price.** Once the maximum liquidated damages/ or a period of 45 days, whichever is earlier, are reached, the Purchaser/ Consignee may consider termination of the contract.

(e) In the event of work being wholly rejected, AUD may at its discretion may either:

(i) Permit the firm/vendor to re-do the same within such time as it may specify at firm's own cost of all sorts i.e. materials, labour, equipments, overheads, transportation etc;

or

(ii) Arrange to get the additional supply obtained/ work done elsewhere and by any other person or from any other source than the firm/vendor in which case the amount of extra cost, if any, shall be recovered from the contractor in the manner provided in sub-clause(b) of this clause.

15. Training:

On site training to Faculty Members/ Technicians/ Students of the Ecology Lab is to be provided by the Vendor Principal / Indian Agents for operation and maintenance of the equipment, to the satisfaction of the user department.

16. Statutory Obligations:

(a) All statutory obligations under various laws from time to time shall be borne by vendor for which no extra payment shall be made at any time during the contractual period.

(b) The vendor shall at all times indemnify and keep indemnified the owner and its officers, employees, agents and students from and against all third party claims whatsoever (including time and shall not be limited to property loss and damages, personal accidents, injury or death of persons or servants or agents of any vendor/sub- vendor(s) and the vendor shall at his own cost and initiative at all time, maintain all liabilities under Workman's Compensation Act, Fatal Accident Act, Personal Injuries, Insurance Act and/or any other relevant Industrial Legislation, which is in force from time to time).

17. Breach of Terms and Conditions:

AUD may terminate the contract without any notice in case the vendor commits a breach of any of the terms of the contract. AUD's decision that a breach has occurred will be final and shall be accepted without demur by the vendor.

18. Subletting of Work:

The vendor shall not assign or sublet the work or any part of it to any other person or party.

19. Right to Call upon Information Regarding Status of work:

AUD has the right to call upon information regarding status of work at any point of time.

20. Terms of Payment:

(a) Items are to be supplied by the tenderer at AUD Kashmere Gate campus on specified address.

(b) Payment shall be made through NEFT transfer only and TDS as applicable will be deducted, after satisfactory supply, installation and commissioning of the said items.

(c) AUD shall be at liberty to withhold any of the payments in full or in part subject to recovery of taxes including TDS as applicable and recovery of penalties mentioned in preceding para.

21. Eligibility conditions:

Firms/dealers who fulfil the following requirements shall be eligible to apply (Joint ventures are not accepted):

- (a) The vendor should be either itself a manufacturer or authorised dealer/ vendor of the manufacturer. A recent dated certificate to this effect from OEM, will be attached with the technical bid.
- (b) The manufacturer should have a dealer in Delhi to prove its capability to provide after sales service as and when required;
- (c) The vendor should have a standard price list of its products all over the country.
- (d) The tenderer/ authorised vendor/ manufacturer should have successfully executed at least one supply order of similar nature to Central/ State Government Departments/ PSUs/ Educational Institutions of repute in the last three years. Copies of these supply orders should be attached with the technical bid.
- (e) The technical bid should be accompanied by the manufacturer's catalogues (in original) in respect of the product offered.
- (f) The Tenderer should have PAN No., TIN No. and VAT No. and should submit their legible attested copies with Technical Bid. Technical Bid not accompanied by these documents would be summarily rejected.
- (g) Should have had average annual financial turnover of **Rs. 15 lakh** during each of the last three years ending **FY 2014- 2015**. (copies of ITR or annual accounts certified by CA mentioning Financial Turnover to be attached).

22. Earnest Money Deposit (EMD):

- (a) The Technical Bid must be accompanied by **earnest money deposit, amount of which for each item is given in the last column of the table at Appendix A**. EMD will be submitted in the form of Demand Draft/ Banker's Cheque drawn on any Scheduled Bank in favour of "Registrar, Ambedkar University Delhi" payable at Delhi.
- (b) The EMD of unsuccessful bidders will be discharged/ returned to them after placing of the order to the successful vendor.
- (c) Earnest Money is required to protect the purchaser against the risk of the bidder's conduct, which would warrant the forfeiture of the EMD. Earnest money of a bidder will be forfeited, if the bidder withdraws or amends its tender or impairs or derogates from the tender in any respect within the period of validity of its tender or if it comes to notice that the information/documents furnished in its tender is incorrect, false, misleading or forged without prejudice to other rights of the purchaser.
- (d) The successful bidder's EMD will be forfeited without prejudice to other rights of the purchaser, if it fails to furnish the required performance security within the specified period.
- (e) No interest will accrue on the EMD/ performance security deposit.

23. Performance Security:

The vendor selected would be required to furnish a Performance Security equal to 5% of the cost of the supply order in the form of Demand Draft/ FDR/ Bank Guarantee from any Scheduled Bank in favour of "Registrar, Ambedkar University Delhi" payable at Delhi. In case the Performance Security is submitted in the form of Bank Guarantee, the same should be valid for a period of 2 (two) months beyond the date of expiry of the contract. AUD reserves the right to ask for performance guarantee extension if contractual obligations are not fulfilled.

24. Tender Currencies:

(a) The bidder supplying indigenous or already imported equipment shall quote only in Indian Rupees with all taxes applicable.

(b) In case a bidder submits tender in foreign currency for equipment not already imported, the rates quoted by vendors will be converted into Indian Rupees based on the exchange rate of currency on that day, at the time opening of financial bids.

(c) The value thus obtained will be used for evaluation of financial bids. AUD will not pay anything extra on account of fluctuation in exchange rates.

25. Force Majeure:

(a) For purposes of this clause, Force Majeure means an event beyond the control of the vendor and not involving the vendor's fault or negligence and which is not foreseeable.

(b) Such events may include, but are not restricted to, acts of the vendor either in its sovereign or contractual capacity, wars or revolutions, hostility, acts of public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes excluding by its employees, lockouts excluding by its management, and freight embargoes.

(c) If a Force Majeure situation arises, the vendor shall promptly notify the purchaser in writing of such conditions and the cause thereof within fourteen days of occurrence of such event. Unless otherwise directed by the purchaser in writing, the vendor shall continue to perform its obligations under the contract as far as reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

26. Arbitration:

(a) If dispute or difference of any kind shall arise between the AUD and the vendor in connection with or relating to the contract, the parties shall make every effort to resolve the same amicably by mutual consultations.

(b) If the parties fail to resolve their dispute or difference by such mutual consultation, the same shall be referred to the sole arbitrator, to be appointed by the Vice Chancellor, AUD at Delhi as per the provisions of the Indian arbitration and Conciliation Act, 1996 and the rules framed there under. His/ Her decision will be final & binding on both the parties. The venue of arbitration shall be Delhi, India.

(c) All legal disputes shall be subject to the jurisdiction of Delhi courts only.

SCHEDULE OF REQUIREMENT

Bidder is required to fill the details in column Nos 4, 5 & 6 of the table given below (Detailed Specifications have been given at Appendix E):

Laboratory Equipment Requirement for School of Human Ecology

Sl. No (1)	Name & Specification of the items (2)	Qty Required (3)	Offered Specification, make & model (4)	Whether offered items meeting the tender specifications (5)	Deviation from tender specification if any. (6)	EMD Amount in Rs. (For each item you are bidding) (7)
1	Autoclave Sterilisation temperature 105 °C to 135 °C, 60 L capacity	01				Rs 8,000
2	Stereo Microscope with Camera attachment 6:1 Zoom ratio, Total Magnification range 2x to 300x, Working Distance 100 mm, 15 megapixel Camera included	01				Rs 9,000

Seal of the manufacture _____

Name : _____

Designation _____

Of Authorized signatory

Dated _____

TECHNICAL BID

The technical bid shall contain following information in a sealed cover super scribed "Technical Bid for Supply & Installation of Laboratory Equipment". It shall consist of the following documents/ information:

1. Name & Postal address of Vendor:

Telephones Nos.:

E-mail:

Mobile Nos:

Fax Nos. :

2. Name & address of Owners/ Partners/ Directors :

3. If Registered, Regn No with validity of registration with appropriate authority (Attach Copy of Certificate):

4. TIN/ Sales/ Service Tax Regn No. (Attach Copy of Certificate):

5. PAN No. (Attach Copy of Certificate):

6. Details of the turnover for the last three financial years (**indicate year-wise and attach audited document**) :

(a) FY 2012-13 -

(b) FY 2013-14 -

(c) FY 2014-15 -

7. Attach Work order/ Certificate in support of experience for having undertaken Supply and installation of Laboratory Equipment in the last three years (at least one proof for each year).

8. List of 3 reputed clients, with at least one client belonging to GOI/ State Govt. Dept./ PSU/ reputed educational institutions with telephone No.:

(a) Client 1 -

(b) Client 2 -

(c) Client 3 -

9. Has your organization been placed in defaulter category by any Govt. Department/ PSU/ Reputed Educational Institution? If not, please submit a self attested certificate to this effect.

10. Are you related in any way with any staff member of the AUD : Yes/ No.

11. Details of Earnest Money Deposit (DD No.):

12. The tender document should be **duly signed on each page.**

Check list

S. No.	Check list of documents/ Undertakings ?	YES/NO	Remarks (Give explanation if answer is No)
1.	Is demand draft/ banker's cheque of EMD, depending upon the number of items for which the bid is submitted, attached?		
2.	Is the bidder original equipment manufacturer (OEM)/authorised dealer?		
3.	If authorised dealer, recent dated certificate to this effect from OEM, attached or not?		
4.	Is copy of Sales/ Service Tax Regn certificate attached?		
5.	Is copy of PAN No. attached?		
6.	Is copy of TIN/ VAT No. attached?		
7.	Is audited accounts statement of the last three financial years attached?		
8.	Is one purchase order given by Govt organizations/ PSU/ reputed Educational Institutions in the last three years attached?		
9.	Whether list of three reputed users (along with telephone numbers of contact persons) attached?		
10.	Is undertaking certifying that the firm is not black listed signed as per Appx D?		
11.	Does the instrument complies with all the specifications given at Appx E?		
12.	Whether one year comprehensive onsite warranty offered?		

Place :

Signature of the Proprietor/ Authorized Signatory

Date :

Rubber Seal indicating complete address

Appendix C

FINANCIAL BID

I/We.....
of.....
..... hereby agree, subject to acceptance of this tender by
AUD, to Supply & Installation Laboratory Equipment items in accordance with the
specifications, terms and conditions of the contract as stated in the tender document at the
rates and prices given below:

Ser No.	Description (Items/ Particulars)	Brand name & Model No.	Rate (Rs)	Taxes, Levies and Duties (Rs)	Final Amount in Figures (Rs)	Final Amount in Words (Rs)
1.	Autoclave Sterilisation temperature 105 °C to 135 °C, 60 L capacity					
2.	Stereo Microscope with Camera attachment 6:1 Zoom ratio, Total Magnification range 2x to 300x, Working Distance 100 mm, 15 megapixel Camera included					

Details of other items/other accessories offered.....

Note : The quoted rates shall include all taxes, duties, VAT, insurance, custom duty etc. as applicable and no extra shall be payable on this account. Vague offers such as custom duty extra, cartage extra, tax extra etc shall not be accepted. Any extra taxes, duties, levies not written in the above table but written separately at any other place in the bid document shall not be considered and the bidder shall bear it.

Signature :
Name & Designation :
Name of the Agency :
Seal of tenderer :
Date :

UNDERTAKING (To be submitted with Technical Bid)

It is certified that my firm/agency/company has never been **black listed** by any of the Departments/Autonomous Institutions/Universities/Public Sector Undertakings of the Government of India or Government of NCT of Delhi or any other State Government or reputed private institutions and no criminal case is pending against the said firm/ agency as on _____.

Signature of the Tenderer _____

Name of the Signatory _____

Name of the Firm/agency _____

Seal of the Firm/Agency _____

Place:

Date: _____

Appendix E

1. Technical Specifications of Autoclave

Parameter	Requirement
Capacity	60 L
Drying	Capable of Automated Drying
Sterilization Temperature	105 - 135 °C
Preset range of timer	0 minute - 6 days delayed
Rated working pressure	0.27 MPa or better
Range of sterilization time	1-300 minutes
Chamber material	Stainless steel
Preset range of cooling lock open temperature	40-99°C for solid and agar modes and 40-80°C for liquid and waste modes
Steam exhausting temperature	73-104°C
Exhausting mode	Fully automatic internal discharging
Controller	Fast speed microprocessor control system
Safety Devices	Overcurrent and short circuit protection, electric double inner lock, over pressure protection, leakage protection, cooling lock, dry scorch protection, anti-scald chamber cover and bench, automatic troubleshooting

2. Technical Specifications of Stereo Microscope with Camera attachment

Parameter	Requirement
Type	Trinocular Stereo zoom Microscope
Desirable Magnification Range	2x to 300x
Zoom Ratio	6:1 or higher
Working Distance	100 mm or higher
Eyepiece	10x/ 20x or higher as desired
Interpupillary Distance	52mm- 75mm or higher
Tube Inclination	45°/60°
Stand	LED illuminator stand
Safety measures	Anti-mold, Anti-electrostatic
Inclusion	Dust Cover and Power Cord

Camera Attachment (preferably from same manufacturer configured for the trinocular mount):

Parameter	Requirement
Effective Pixels	15 megapixel or higher
Data interface	USB /HDMI or both
Monitor Type	Color LCD
Storage Media	SD memory card
Battery type	Li- ion

Connectivity	Wi-Fi enabled
Flash	Built-in
Inclusions	Power Adaptor along with adaptors to connect microscope and Dust cover