

Dept of Transplant Immunology & Immunogenetics  
A.I.I.M.S, New Delhi-110029.

S.Tender.No.01/TII/2019-20

Dated: 13/12/19

Subject:- Purchase of equipment Vertical Autoclave for Lab in the Deptt. Of Transplant Immunology and Immunogenetic.

The department of Transplant Immunology and Immunogenetic is required for purchase of Vertical Autoclave for Lab.

S.No.	Name of the Item	Qty.
1.	Vertical Autoclave	1 nos.

Date/Time of closure 30/12 /2019 3.00 p.m.  
Date/ Time of opening 31/12 2019 11.00 a.m.

Terms and Conditions

22. The quotation should be addressed to Professor & Head. Department of Transplant Immunology and Immunogenetic, AIIMS, Ansari Nagar, New Delhi-110029 and sent by post/courier by 30/12/19, 2019 upto 3.00 p.m. Quotations should be sealed in an envelope and the reference no and item must clearly be written on top of the envelop. (i.e. quotation for the **Vertical Autoclave**).
23. The firm must be registered and having TIN No. /Registration No. (Please mentioned TIN/Registration No. on the Bid) or else the quotation will be treated as cancelled.
24. Quotation should only be submitted by authorized dealers/distributors. Authorization certificate must be included with the submission of Quotation. Failure of submission of authorization certificate will render the firm ineligible. Hence the quote of such firm will not be considered.
25. Vendor should provide the product certification by one this agency: CE/IVD certified or European Union EMC & Safety Compliance or FCC-North American EMI Verification or UL-North American Product Safety Certification or Demko or VDE-European Union Product Safety Certification.
26. The make and model of the article offered should invariably be quoted. Quotation should be typed/written in ink overwriting or erased entries should not be there in the quotation. The rates should be valid for at least three months.

प्रो. डी. के. मित्रा, हेड  
D K Mitra, Head  
डिपार्टमेंट ऑफ ट्रांसप्लान्ट  
Department of Transplant  
इम्यूनोलॉजी एण्ड इम्यूनोजेनेटिक्स  
Immunology & Immunogenetics  
अ. भा. आयु. सं., नई दिल्ली-110029  
A.I.I.M.S., New Delhi-110029

27. Vat /Sale tax or any other kind of Tax(s) must be mentioned separately. In case no sales tax in chargeable price must be quoted as net price.
28. Warranty/Guarantee:- 3 years Comprehensive warranty (with spares) on site.
29. Demonstration:- If it is required to demonstrate the quoted model, the firm should get ready for demonstrations the product within one week. There will be no request entrained for extending time for demonstrations. Failure to demonstrate their offer if requested, will be summarily required.
30. Payment will be made as per institute rules through electronically viz RTGS/NEFT after delivery, satisfactory installation of the item. The following information should be also mentioned in the invoice:
5. Name of the beneficiary:
  6. Account No. the beneficiary:
  7. IFCS code of the bank/branch:
  8. The Professor & Head of the Department reserve the right to cancel/reject full or any part of the rate enquiry which generally do not fulfill the conditions stipulated in the rate enquiry.
31. The submitted Quotations will be opened on 31/12/19, 2019 at 11.00 a.m. in room No. 75, HOD Room, Deptt. Of Transplant Immunology & Immunogenetic, AIIMS, Ansari Nagar, New Delhi-110029

  
**Prof. D.K. Mitra**  
Head of the Department  
Department of Transplant  
Immunology & Immunogenetics  
अ. भा. आयु. सं. नई दिल्ली-110029  
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### Specification of Vertical Autoclave

1.	Automatic Microprocessor based portable with wheel, Autoclave with TWO stainless Baskets.
2.	Top loading Vertical opening, Lid lock release by pedal push.
3.	Should have 4 course of sterilization mode or better.
4.	<b>Heat source:</b> 2-3kW electric heater or better.
5.	<b>Internal volume of Chamber:</b> 79L or better, <b>Effective internal volume:</b> 69L or better.
6.	Dimension W-470 D 528, H 1003.
7.	Chamber internal material should be SUS304.
8.	<b>Autoclave should have following functions &amp; features:</b> Liquid sterilizing ,Heating ,Warming Last run memory Built in steam exhaust bottle with LED indication Flat internal surface of the chamber Lid opening/closing detection mechanism Exhaust bottle detection mechanism Leakage breaker.
9.	Safety device for locking the lid LED indication on front of machine, water level detection LED indication on front of machine during operating.
10.	Display for working status parameters (Time and temperature).
11.	Autoclave should be able to balance the temperature and pressure deviation during sterilization, fine Exhausting automatically in order to adjust the chamber condition.
12.	<b>Temperature range:</b> for sterilizing 105-135°C, for heating 45-104°C and for warming 45-95°C.
13.	Rapid air cooling function (vessel-cooling fan) for lowering the temperature rapidly. Auto variable speed for exhaust, Timer function for delay start.
14.	<b>Operating pressure:</b> 0.25 MPa & analog display range should be 0-0.4MPa. Pressure adjustment module provide along with machine.
15.	<b>Display:</b> Digital display range should be 1 min to 99 hours.
16.	<b>Power Single Phase 220 230V 13A.</b>
17.	<b>3 year warranty.</b>
18.	Over heat & pressure prevention, open temperature sensor detection & safety value All accessories should be supplied with the equipment. Bidder should provide use list along with Performance certificate, demo (if needed).

Dr. Sanjeev Goswami  
 Scientist  
 प्रतिरोधक प्रतिरक्षा विज्ञान एवं प्रतिरक्षा आनुवंशिकी विभाग  
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