

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

S.Tender.No.01/TII/2018-19

Dated: 06/02/2018

**Subject:- Purchase of equipment Gradient Thermal Cycler for Lab in the Deptt. Of Transplant Immunology and Immunogenetic.**

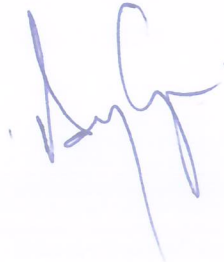
The department of Transplant Immunology and Immunogenic is required for purchase of Gradient Thermal Cycler for Lab.

| S.No. | Name of the Item        | Qty.   |
|-------|-------------------------|--------|
| 1.    | Gradient Thermal Cycler | 4 nos. |

**Date/Time of closure**                      **15/02/2018 3.00 p.m.**  
**Date/ Time of opening**                **16/02/2018 11.00 a.m.**

**Terms and Conditions**

1. The quotation should be addressed to Professor & Head. Department of Transplant Immunology and Immunogenic, AIIMS, Ansari Nagar, New Delhi-110029 and sent by post/courier by 15<sup>th</sup> February, 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 Gradient Thermal Cycler).
2. 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.
3. 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.
4. 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.
5. 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.
6. 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.

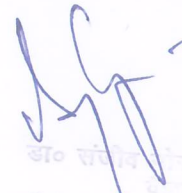


7. Warranty/Guarantee:- 2 years Comprehensive warranty on site.
8. Demonstration:- If it is required to demonstrate the quoted model, the firm should get ready for demonstrations the product within one week. There will be no request entrained for extending time for demonstrations. Failure to demonstrate their offer if requested, will be summarily required.
9. 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:
  1. Name of the beneficiary:
  2. Account No. the beneficiary:
  3. IFCS code of the bank/branch:
10. 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.
11. The submitted Quotations will be opened on 16<sup>th</sup> February, 2019 at 11.00 a.m. in room No. 75, HOD Room, Deptt. Of Transplant Immunology & Immunogenic, AIIMS, Ansari Nagar, New Delhi-110029



**Prof. D.K.Mitra**  
**Head of the Department.**

डी. के. मित्रा, हैड  
D.K. Mitra, Head  
Department of Transplant  
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A.I.I.M.S., New Delhi-110029



डॉ. अंशु गोस्वामी / Dr. Anshu Goswami  
अधिष्ठाता, अणु-अणु विभाग  
Deptt. of Transplant Immunology  
अणु-अणु सं. अंसारी नगर, नई दिल्ली-20  
A.I.I.M.S., Ansari Nagar, New Delhi-20

Department of Transplant Immunology & Immunogenetics  
All India Institute of Medical Sciences  
New Delhi - 110 029

Dated: 04/2/2019

**Subject: Technical Specification for purchase of equipment by short tender in the FY 2018-19**

List of equipment:

1. Gradient Thermal Cycler.

Gradient Thermal Cycler

1. Thermal Cycler with Peltier based heating and cooling system.
2. Single block (96 x 0.2ml) with gradient or Dual blocks with gradient (2 x 48 x 0.2ml) and independent controls with an option of interchangeable reaction modules of 96-well and 384-well.
3. Gradient range of 30-99 degC and use dynamic ramping for gradient.
4. All reaction modules must be gradient enabled.
5. Thermal cycler should have reduced mass sample block to offer settling time of 10 secs.
6. Should have a max. ramp rate of 6.0 degC/second or higher with an average ramp rate of 3.0 degC/sec or higher.
7. Thermal cycler should have heated lid.
8. Thermal cycler should have block and calculated temperature control modes.
9. Thermal cycler should have a temperature range of 4-99 degC & temperature accuracy of  $\pm 0.2$  degC
10. Thermal cycler should have a temperature uniformity of  $\pm 0.4$  degC well to well within 10.0 seconds of arrival at 90 degC and have six or more thermoelectric modules.
11. Thermal cycler should have a memory of >100 programs and password protection.
12. Thermal cycler should have option for semi-graphical or text based programming.
13. Thermal cycler should have a large clear LCD/LED display with USB ports.
14. System should have ISO/CE (Conformity European) and UL certified and operate on 230V, 50Hz AC power either directly or through compatible DC adapter.
15. System should be quoted with a five years complete cover warranty and further five years CMC as per AIIMS norms.

  
Prof. D.K. Mitra  
Head of the Department

डॉ. डी. के. मित्रा, हैड  
Prof. D K Mitra, Head  
Department of Transplant  
इम्यूनोलॉजी एंड इम्यूनोजेनेटिक्स  
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