

**TENDER NO.**

**D-2/Equipment/2018-19(1)**

**dated**

**31.05.2019**

**Tender Documents**  
**For**  
**Supply of**  
**Scientific Equipment**  
**at**  
**ICMR-NICED**  
**Kolkata**

**ICMR-National Institute of Cholera & Enteric Diseases**  
**P-33, C.I.T. Road, Scheme - XM, Beliaghata,**  
**Kolkata - 700 010**

Dated: 31.05.2019

Sealed Tender / Quotation is invited for supply of Scientific Equipment at ICMR-NICED, Kolkata.

Sealed Tender, complete in all respect, duly signed with stamped of firm on each page including the tender should be dropped in the tender box, placed before the Despatch section (Dr. S.C. Pal Building) on 1<sup>st</sup> Floor on any working day from Monday to Friday within 11.30 a.m. to 5.30 p.m. Tender will be opened by Tender Opening Committee & in presence of tenderers or authorised representative.

**Important Instruction**

- i)** The cost of Tender Fee of **Rs. 500/-** (Rupees Five hundred only ) **[Non-Refundable]** in the form of Demand Draft /Pay Order in favour of **Director, NICED, Kolkata** from any Nationalised Bank should be submitted along with the Technical Bid.
- ii)** The validity of tender will be one year from the date of approval of the Tender.
- iii)** The tenders must attach self-attested photocopies of latest and valid GST registration certificate and proof of filling Income Tax returns last 3 years and onwards. Failure to submit the same Tender will be invalid automatically. However Govt. of India / State Govt. Department and Public Sector Undertakings (Central/State) are exempted from submitting GST & Income Tax clearance certificate.
- iv)** Self-attested PAN card should be submitted.
- v)** Tender document duly signed with rubber seal of the firms in token of acceptance by the tenderer of all terms & conditions.

**Cost of Tender Fee Rs. 500.00**

**(non-refundable)**

## **Tender Notice**

### **ICMR-National Institute of Cholera & Enteric Disease**

P-33, C.I.T. Road, Scheme-XM, Beliaghata, Kolkata-700010.

Website- [www.niced.org.in](http://www.niced.org.in)

Telephone No. : 033-2353-6479, 2370 -4478/5533. Fax no. : 033-2370-5066, 2363 2398.

Email: [store.niced@icmr.gov.in](mailto:store.niced@icmr.gov.in) / [storeniced1@gmail.com](mailto:storeniced1@gmail.com)

Sealed Tender is invited to supply of the following Scientific Equipment at ICMR-N.I.C.E.D., Kolkata

Sl. No.	Tender Code No.	Description	Qty.	Estimated unit cost of the equipment (Rs.)	EMD (Rs.)	Last date of submission of bid (upto 1.30 PM)	Date of opening (3.00 PM)
1	D-2/Equipment/2018-19(1) NIT No. 2019_DoHR_401921_2	Real Time PCR	2	22,00,000	88,000	25.06.2019	25.06.2019

### **Expression of Interest Documents (EOI)**

Sealed quotations are invited from eligible vendors supplying scientific equipments with Govt. of India/ Govt. of West Bengal/Autonomous bodies of Govt. of India/any reputed public limited company. Vendors must have vast knowledge and expertise in setting up of GLP/R & D Lab facility in India having their own engineering consultant/architect with similar laboratory setup experience.

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## **INTRODUCTION**

ICMR-National Institute of Cholera & Enteric Diseases (**ICMR-NICED**), Kolkata is a premiere Institute of Indian Council of Medical Research and engaged for significant research work on Diarrhoeal diseases and others infectious diseases. ICMR-NICED is publishing scientific papers with high impact factors and contributing to development of manpower. Collaborative research with various national and international organizations is other scope of activities of ICMR-NICED.

It is an Autonomous body funded by Govt. of India under Department of Health Research, Ministry of health & family welfare.

## **CALENDER EVENT**

<b>Date of Issue of Documents</b>	<b>03.06.2019</b>
<b>Last Date of Submission</b>	<b>25.06.2019 at 01.30 PM.</b>
<b>Place of Submission of EOI Documents</b>	<b>Tender Box kept on the 1<sup>st</sup> Floor, at ICMR-NICED-I Building.</b>
<b>Date of opening of Technical Bid</b>	<b>25.06.2019 at 03.00 PM.</b>
<b>Date of opening of Financial Bid</b>	<b>To be announced after Verification of Technical Documents.</b>
<b>Place of opening of EOI Documents</b>	<b>Dr. B. C. Deb Auditorium at ICMR-NICED-I Building.</b>
<b>Address</b>	<b>P-33, C.I.T. Road, Scheme-XM, Beliaghata, Kolkata-700010.</b>
<b>Telephone No.</b>	<b>033-2370-5533/4478</b>



**Type and Nature of Work: *Supply of Scientific Equipments***

**D-2/Equipment 2018-19 (1)**

**Name: Real Time PCR**

**Quantity: 2 (Two)**

**Specifications**

1. Real Time PCR should be a thigh throughput system with capacity to accommodate 96-well, Fast 96-well low volume, or 384-well plates with user interchangeable blocks by the end user without any help of tools or need of calibration. The instrument should be supplied with comes with 96 well block, 96 well block low volume for Fast reaction and 384 blocks
2. The system should be able to do applications such as Gene Expression, Genotyping, Copy Number Variation, Pathogen Detection, Strain Typing, and Viral Load, Mutation Scanning (High Resolution Melting), Methylation and other Epigenetic Applications, miRNA profiling, Protein analysis with proximity ligation assays and Protein Thermal Shift technology
3. The sample volume from 5ul to 100ul should be detected through CCD camera or CMOS/and decoupled with LED/Halogen excitation source
4. The instrument should be capable of combining 5 coupled excitation and emission filter sets to enable collection of up to 5 unique combinations of wavelengths (Excitation: 455 to 650 nm Emission: 505 to 696 nm) during a single run for multiplexing
5. The instrument should be capable of running in standalone mode thru a touch screen interface even when a computer is not attached. Capable to store protocols and  $\approx 100$  quantitation run files
6. The instrument must be capable of completing a 40 cycle real-time PCR reaction (Fast chemistry) in a standard 384-well plate in under 35 minutes. Instrument must also run in standard ramping mode with standard chemistry
7. The system should have well to well variability  $\pm 0.25^{\circ}\text{C}$  and Ramp rates up to  $6-7^{\circ}\text{C}/\text{sec}$
8. The instrument should support minimum two homogeneous reaction chemistries, the fluorogenic 5' nuclease assay using TaqMan probes and the SYBR Green DNA binding dye chemistry. The instrument software should support both TaqMan and SYBR chemistries in the same run by collecting different filter colors for PCR versus melt curve stages
9. The system with enhanced fluorescence detection for high accuracy and sensitivity capable of detecting 1.5 fold changes with a dynamic range of up to 9 orders of magnitude
10. The instrument should be supplied with a licensed primer and probe design software and software that are designed to collect and analyze the fluorescence data for the applications of absolute quantification, relative quantification, presence/absence assays, and allelic discrimination/SNP (Single Nucleotide Polymorphism) detection. The instrument software should include a genotyping optimization tool to use real time data to help pick the best cycle number for the genotyping call, saving run cycles and time

11. The instrument software should provide raw fluorescent data and multicomponent (segregated by dye type) data for troubleshooting of experiment. It should include a single button that contains a link to common applications like Copy Number Variation, miRNA Gene Expression, & SNP Genotyping for quick start of runs
12. The instrument software should be able to import a standard curve from one plate for analysis of another plate of the same instrument type and also provide an endogenous control selection tool for gene expression experiments
13. The instrument software should provide Add on SAE module with tools for 21CFR-Part 11 compliance viz. security, auditing and e-signatures of records for full data traceability a feature required in GLP lab for providing diagnostic reports
14. The instrument software will allow up to 10 different users to simultaneously monitor 1 instrument
15. The instrument software should allow status monitoring of multiple instruments or multiple users simultaneously
16. The instrument can be used with 220 -240 V without modification or special plug requirement
17. The system should be supplied with a compatible ready to use laptop with original software from a reputed company, printer and UPS
18. **The system must come with a 5 year comprehensive warranty including free of cost yearly calibration of machine for QC purposes. If calibration kit is required, it should be provided by the respective company during warranty period**
19. Other tender requirements will be as per ICMR guidelines from NICED-Store

## **SUBMISSION OF EOI**

Total Documents Content in Two Envelopes:

### **Envelope 1 Technical Bid**

The firm should submit the technical bid in a sealed cover separately super scribing the word “**Technical Bid**” mentioning tender number, Name of the item, Date of opening & Name of the Tenderer.

**Contain:** Notice Inviting Tender (NIT), Instruction to bidders, Terms & Condition, Obligation of Employer, Declaration of Tenderer, Credential – 25 lac value in a single work order of same type of Govt. Biomedical Laboratory of National repute. GST Registration Certificate & CST, Bank Draft / Bankers Cheque No. with Date to be mentioned including the name of the **Nationalized Bank**, Last 3 years Income Tax & Service Tax Clearance Certificate, Professional Tax certificate, current bank solvency certificate, Last 3 years Annual Turn Over should not be less than 50 lace Per Year. A reading of the tender document will make the purpose and instructions clear. However, some board guidelines for preparing bid documents are provided in the subsequent.

### **Technical bid should be contain**

1. the name of items with specification makes / brands of the items.
2. Original Literature & Catalogues in support of items quoted must be enclosed.
3. Current authorization letter. All bidders must get a valid letter of authorization from the principal supplier or manufacturer.
4. Attested photocopy of latest valid License for stockiest & distributorship as applicable should be provided.
5. GST Registration Certificate.

## **Envelope 2 :Price Bid**

**Contain:** Financial Bid Documents.

1. Should be submitted in a separate sealed envelope Super scribing the word “**Price bid**” mentioning tender number, name of the tender, due date of opening & the name of the tender.
2. The rates quoted should be inclusive of Excise Duty, Sales Tax and other incidental charges. The rates of Vat /Sales tax (State & Central chargeable may however, be given separately. No vat / sales tax or other charges will be payable if not mentioned in the tender or not applicable under the relevant laws. For imported items the quoted rate should be on FOB basis. Freight Charges and Insurance may be mentioned separately.
3. Bidder will quote firm & competitive rates. No condition like discount in price free goods / incentives will not be accepted towards finalization of the tenders. Rates should be accordingly to a Unit.
4. While quoting rates, serial no of the tender must be indicate and rates should be quoted competitive.
5. Commitment of efficient after sales service from the bidder and that to be locally available for prompt action.

**Envelope 3 Contain:** 2% as EMD of quoted amount in the form of Bank Draft on Nationalized Bank. Please note that \***EMD** should be submitted in separate sealed envelopes in favor of the Director, NICED, Kolkata. **EMD** may also be accepted as bank guarantee as outlined in GFR rule 170 (i).

**Envelope 4 Contain:** Containing envelope 1, 2 & 3\* with superscripted with the Details address including the name of the work, tender no., address to the Director, ICMR-National Institute Of Cholera & Enteric Diseases, P-33, C.I.T. Road, Scheme –XM, Beliaghata, Kolkata 700010.

- o **Tender Fee and EMD should be submitted in separate sealed envelopes in favor of the Director, NICED, Kolkata.**

## **GENERAL TERMS & CONDITIONS**

1. Soft copy in the form of CD for Technical & Price Bid separately (may be supplied) along with the hard copy.
2. The tender documents should be typed. Any cutting / overwriting may be signed by the tenderer otherwise the rates in r/o that particular item may not be considered.
3. Each and every page of the tender must be numbered and signed by the tenderer along with the seal of the firm.
4. Covering letter should clearly indicate the list of enclosures.
5. **Security deposit :**
  - A) The tenderer should submit **Bank Guarantee** from a **Nationalized Bank** of 10% of the cost of the equipment at the time of delivery of the Instrument.
  - B) Security deposit/EMD is liable to be forfeited if the tenderer fails to supply the store and fails to provide comprehensive warranty for equipment's, security deposit /EMD are liable to be forfeited if the tenderer with draws or awards or impairs or derogates the bid in any respect.
6. EMD shall be released to un-successful bidder after completion of tender process, subject to compliance to all other terms & conditions of Tender.
7. I) The bidder should clearly indicate the guarantee / warranty status of each item i.e. Main equipment, standard accessories, optional etc. (Consumables / non – consumable items etc.)  
II) **Current rate list of all replacements must be submitted in the price bid**
8. **THE RATES QUOTED WILL BE TAKEN AS FIRM AND FINAL.**
9. The tenderer are bound to supply the store during the validity of tender at the approved rate.
10. The firms may be asked to deliver the goods in installment / fixed interval against the order of the full year. In case firm fails to deliver the particular instalments at its scheduled time, this office reserves the right to procure the item in the open market and the excess expenditure incurred will have to borne by the company.

### **GENERAL TERMS AND CONDITIONS OF THE SUPPLY ORDERS**

1. The delivery of the goods has to be made to the concerned store as mentioned in supply order, strictly in accordance with the supply order & with the approved specification.
2. The supplies have to be made within 30 days from the date of despatch of the supply order failing which penalty will be imposed as per rule or cancellation of order and the Earnest money will be forfeited . However in exceptional circumstances and on written request the extension of the date of supply may be considered by the discretion of Director. For imported equipments / items the delivery period shall be up to 90 days. In case the items are urgently required the firms will have to supply the items on urgent basis.

**3. Penalty clause:**

- A) FOR DELAYED SUPPLY:** A penalty of 2% of the value of order per week will be imposed subject to maximum, of 10% of the value of order.
- B) FOR NON SUPPLY:** EMD of the firm will be forfeited and necessary action will be initiated.
4. Supplier must ensure that challan is submitted in the concerned store along with the supplies. The number and date of delivery challan must be indicated in the bill.
  5. Triplicate bills duly pre receipted on appropriate revenue stamp affixed to be submitted in the name of the Director in respective store.
  6. The bill should be in printed form having printed bill number, GST/PAN Number as well as D.L. No (whichever applicable)
  7. All rejected stores shall be at the risk of the supplier and must be removed immediately.
  8. Guarantee/ Warranty Certificate must be provided at the time of supply.
  9. In case it is a computer – generated bill it must have the seal of the firm affixed on it.

**Payment**

Payment will be made only after the receipt of the items in good condition as per specification against the order. In case of equipment, payment will be made after satisfactory inspection, demonstration and functioning, **No advance payment will be made.**

**EXCLUSIVE RIGHT OF THE DIRECTOR**

The Director, ICMR-NICED, Kolkata has the full and exclusive right to accept or reject any or all the tenders without assigning any reasons whatsoever. No enquires, verbal or written shall be entertained in respect of acceptance / rejection of the tender.

Store-in-Charge  
**For Director**

**LETTER OF APPLICATION BY THE TENDERER  
FORM OF TENDERER**

Tender No. \_\_\_\_\_

Dated: \_\_\_\_\_

NIT No.....

From:

Full Address:

.....

.....

**To**  
**The Director**  
**ICMR-National Institute of Cholera & Enteric Disease**  
**P-33, C.I.T Road Scheme -XM, Beliaghata**  
**Kolkata - 700010**

Name of work :

2. AND WHEREAS I/We, ..... have read the  
Tender  
Notice pertaining to the aforesaid Tender

3. AND WHEREAS I/We, ..... have obtained  
these  
Tender Documents from **ICMR-National Institute of Cholera & Enteric Disease, Kolkata.**

4. AND WHEREAS I/We, ..... Have perused these  
tender  
Documents and have visited the site and have satisfied ourselves as to the nature of Work and  
the site condition.

5. AND WHEREAS I/We, ..... forward a sum of ₹ .....  
towards the Earnest Money in the following form :-

(ii) Deposit receipt, or Pay Order, or Demand Draft from \_\_\_\_\_ Bank

for a sum of ₹ \_\_\_\_\_ in favour of the **Director, National Institute of Cholera &**

**Enteric Disease, Kolkata** and endorse Account Payee and valid upto.....

6. AND WHEREAS I/We, ..... understand that the  
above mentioned Earnest Money has been deposited subject to the stipulation made in this  
tender document.

7. AND WHEREAS my/our address for all communication shall be as under:-

.....  
.....  
.....

8. AND WHEREAS I/We, state that in the event of this offer being unsuccessful, the aforesaid total Earnest Money deposited by us may be refunded to us

9. AND WHEREAS I/We, hereby sign those tender documents by Virtue of the legal authorities vested with me/us enter into commitment on behalf of the tenderer(s), documentary support where of is enclosed.

10. Now, Therefore, I/We, ..... hereby submit these tender as an offer for doing the work defined in those documents at the rate quoted in the schedules contained herein and special conditions and rates given in the covering letter\*.

11. It is certified that all the statements and documents being submitted with offer are true and correct.

12. It is certified that all the tender documents being submitted are the same as downloaded from the website of NICED (Applicable for downloaded documents)/Cppp (NIT).

13. This application is made in the full understanding that: (a) The offer by the tenderer(s) will be subject to verification of all information submitted with this tender document.

(b) The Director, ICMR- N.I.C.E.D. reserves the right to:-

- Amend scope and value of contract
- Reject or Accept this offer(s) without any financial liability.

**(\*) Strike out whichever is not required.**

**Signature of  
Tenderer(s)  
& SEAL**

**Date**\_\_\_\_\_