

TENDER NO.

D-2/Equipment/2018-19

dated

23.01.2019

Tender Documents
For
Supply of
Scientific Equipments
at
ICMR-NICED
Kolkata

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

Dated: 23.01.2019

Sealed Tender / Quotations are invited for supply of Scientific Equipments 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 1st 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 filing 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 form 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 (each)
(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

Telephone No. : 033-2353-6479, 2370 -4478/5533.

Fax no. : 033-2370-5066, 2363 2398.

Email: store.niced@icmr.gov.in / storeniced1@gmail.com

Sealed Tenders are invited to supply of the following 11 (eleven) 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_401757_1)	Real Time PCR	2	22,00,000	88,000	12.02.2019	12.02.2019
2	D-2/Equipment 2018-19 (2) (NIT NO.2019_DoHR_401791_1)	Ultra-pure Water Purification System	3	7,00,000	42,000	12.02.2019	12.02.2019
3	D-2/Equipment 2018-19 (3) (NIT NO.2019_DoHR_401912_1)	-80°C Ultra freezer	1	5,00,000	10,000	12.02.2019	12.02.2019
4	D-2/Equipment 2018-19 (4) (NIT NO.2019_DoHR_401921_1)	Windows Rack Server complete with rack, licence software and online UPS	1	12,50,000	25,000	12.02.2019	12.02.2019
5	D-2/Equipment 2018-19 (5) (NIT NO.2019_DoHR_402122_1)	Lyophilizer	1	12,50,000	25,000	12.02.2019	12.02.2019
6	D-2/Equipment 2018-19 (6) (NIT NO.2019_DoHR_402124_1)	Shaker incubator	1	6,50,000	13,000	12.02.2019	12.02.2019
7	D-2/Equipment 2018-19 (7) (NIT NO.2019_DoHR_402125_1)	Frost free Refrigerator (4°C)	4	7,00,000	56,000	12.02.2019	12.02.2019
8	D-2/Equipment 2018-19 (8) (NIT NO.2019_DoHR_402127_1)	All in One Printer	1	1,00,000	2,000	12.02.2019	12.02.2019
9	D-2/Equipment 2018-19 (9) (NIT NO.2019_DoHR_402128_1)	Nanopore Sequencer	1	15,00,000	30,000	12.02.2019	12.02.2019
10	D-2/Equipment 2018-19 (10) (NIT NO.2019_DoHR_402133_1)	Blood Coagulation Analyser	1	4,00,000	8,000	12.02.2019	12.02.2019
11	D-2/Equipment 2018-19 (11) (NIT NO.2019_DoHR_402134_1)	Autoclave	4	5,00,000	40,000	12.02.2019	12.02.2019

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.

INDEX

Sl. No.	Description	Page
1	Introduction	7
2	Calendar Event	8
3	Type and Nature of Work	9-21
4	Submission of EOI	22
5	General Terms & Conditions	24

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

Date of Issue of Documents	23.01.2019
Last Date of Submission	12.02.2019 at 01.30 PM.
Place of Submission of EOI Documents	Tender Box kept on the 1st Floor, at ICMR-NICED-I Building.
Date of opening of Technical Bid	12.02.2019 at 03.00 PM.
Date of opening of Financial Bid	To be announced after Verification of Technical Documents.
Place of opening of EOI Documents	Dr. B. C. Deb Auditorium at ICMR-NICED-I Building.
Address	P-33, C.I.T. Road, Scheme-XM, Beliaghata, Kolkata-700010.
Telephone No.	033-2370-5533/4478

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

D-2/Equipment 2018-19 (1) / NIT NO.2019_DoHR_401757_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 ≈ 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

D-2/Equipment 2018-19 (2) / NIT NO.2019_DoHR_401791_1
Name: Ultra-pure Water Purification System
Quantity: 3 (Three)

Specifications

1. The system should be capable of producing ultrapure water from tap water. The system will have separate ASTM-Type 3 grade RO water purification unit, a Storage tank and ASTM-Type 1 grade water purification unit
2. Reverse Osmosis (RO) purification unit:
Bench top RO system should be capable of rejection of up to 99.9% organic and inorganic matter (>150 Daltons).
 - It must have Micron filter and Carbon filter cartridges before RO module to enhance life and performance of RO membrane.
 - Conductivity cell before and after RO module.
 - RO water should meet the ASTM type-3 water quality.
 - RO water production capacity minimum 10 Ltr./hr.
 - Digital display for Feed and Product water conductivity
3. RO water storage cum delivery unit:
 - RO water should be stored in a pressurized and hermetic tank to protect RO water against secondary contamination from air.
 - The Storage tank could be kept in any position i.e. under the bench or on the bench for saving working space in the lab.
 - The tank should be free from any consumable/spare which is needed to be replaced periodically and is capable of delivering water to ASTM type-1 without use of any delivery pump.
 - Capacity of tank around 50 Ltr.
4. Ultra-Pure Water purification unit :
 - Bench top Ultrapure water system capable of delivering ASTM Type-1 ultrapure water with flow rate > 1 Ltr./min.
 - It must have in-built mixed bed Deionization Resin cartridges, 185/254 nm UV photo oxidation module and UF cartridge
 - Digital display
 - Audio- Visual alarm for security
 - Product water Quality –
 - Electrical conductivity, 0.055 $\mu\text{S}/\text{cm}$
 - Resistivity: 18.2 $\text{M}\Omega\cdot\text{cm}$
 - Total organic carbon (TOC): Reduced by 10 ppb
 - Bacterial count: < 1 cfu/ml
 - Particulates (> 0.2 $\mu\text{m}/\text{ml}$): < 1 part/ml
 - Endotoxins: < 0.001 EU/ml
5. Pre-Filter system: A heavy duty RO Base Pre-filter (Output \geq 30L) capable of reduction of Total suspended solids (TSS), Total dissolved solids (TDS), Inorganic ions, Organic matter etc. from Tap water should be supplied with the main instrument
6. Certification: ISO or CE or Equivalent
7. Operating: 220-240V, 50Hz

8. Technical features should be supported by original literature
9. **Three years warranty for the equipment and two years AMC charges from the date of installation**
10. Other tender requirements will be as per ICMR guidelines from NICED-Store

D-2/Equipment 2018-19 (3) / NIT NO.2019_DoHR_401912_1
Name: -80°C Ultra freezer
Quantity 1 (One)

Specifications

1. Upright model of 550-700 liters capacity fitted with castors/wheels
2. Body: Heavy gauge, cold rolled steel exterior construction with powder coated finish
3. Temperature range: (-)50°C to (-)86°C
4. Door: Outer double door should be with powder finish to prevent rust and chipping. Door frame heated to avoid ice formation at door
5. Inner Door/Compartments: The Freezer should have ≥3 inner shelves, each with a separate inner chamber door for preventing temperature loss while taking out clinical samples from one shelf. Internal chamber made of Stainless Steel
6. Display: LCD/touch screen digital display for monitoring temperature, audio visual alarm for power failure, high and low temperature etc.
7. Security lock: The Freezer should have a safety locking system for secure access to clinical sample
8. Cooling System: Cascade cooling system 2-stage cascade compressor or a 2-stage variable speed compressor
9. Refrigeration: Air cooled, Environment friendly CFC/HCFC free refrigeration system
10. Operation: Single hand operation with a sturdy integrated key lock
11. Should have Pressure Equalization port (PEP) system for quick re-entry after door opening
12. On board Data Monitoring: should be able to store event data (≥1year) on on-board computer to monitor without opening the door
13. Insulation: Vacuum insulation panels with water blown foam
14. Communication: USB communication port to download event log and freezer settings
15. Operating Mode: Two modes should be available- high performance or energy savings
16. Accessories: 6 no. stainless steel racks with plastic 9*9 format cryoboxes (80 numbers) should be included
17. Power requirements: 220-240 V AC/Hz and electrical system to include automatic low voltage surge protection with voltage boost
18. Compatible voltage stabilizer should included
19. **5 year comprehensive warranty.**
20. Certification: ISO or CE or equivalent
21. Technical features should be supported by original literature
22. Other tender requirements will be as per ICMR guidelines from NICED-Store

D-2/Equipment 2018-19 (4) / NIT NO.2019_DoHR_401921_1

Name: Windows Rack Server complete with rack, license software and online UPS

Quantity: 1 (One)

Specifications

1. 2 U rack mountable chassis
2. 27U rack with accessories including full tray for monitor, tray for keyboard, 4 no. of cooling fans and power strips with complete installation
3. CPU consisted of two numbers of latest generation Intel Xeon Gold series processors, each with minimum 14 cores and 2.20 GHz
4. 18.5 inch or higher LED monitor, keyboard, mouse and optical drive- DVD RW
5. CPU CACHE memory minimum 19 MB
6. Intel Chipset Motherboard
7. Memory to include minimum 64 GB RAM scalable up to 1 TB using DDR4 DIMMs
8. Memory Protection by ECC with multi-bit error protection, and fast fault tolerance.
9. Preferable online spare support for protection
10. Hard disk drive to include 6*6 TB hot plug Mid-line 7.2K LFF SAS drives
11. 12Gb/s SAS Raid Controller with RAID 0/1/1+0/5/50/6/60/1
12. Networking compatibility through minimum 4*1G & 2*10G network Ports
13. Interface by minimum 5 USB 3.0 support or higher speed
14. Should support hot plug redundant 800W power supplies
15. Include redundant hot-plug system for fans
System Security to ensure server does not execute compromised firmware code, and chassis intrusion detection option; Preference for common criteria certification, configurable for PCI DSS compliance, advanced encryption standard (AES) and triple data encryption standard (3DES) on browser Support for commercial National Security Algorithms (CNSA) mode to prevent the use of insecure algorithms
16. Microsoft Windows Server latest version as operating system
Server management software should provide at-a-glance visual health summary of the resources to authorized user. The dashboard should display health summary that includes i) server profiles, and ii) server hardware. The server management software should be of the same brand as of the server supplier.
17. 220-240 V, 50 Hz input for online 5 kVA UPS complete with external battery rack and to provide ~45 min backup
18. **3 years comprehensive warranty and 2 years AMC for complete setup**

D-2/Equipment 2018-19 (5) / NIT NO.2019_DoHR_402122_1

Name: Lyophilizer

Quantity: 1 (One)

Specifications

1. Microprocessor controlled freeze dryer with facility for lyophilizing the products in flasks, petri dishes, beaker etc. Facility to lyophilize samples in vials/ampoules and sealing under vacuum. System to be fitted with castor wheels
2. Digital display indicating system operating parameters and setting up parameters e.g. condenser temperature, pressure, time etc.
3. Cold Trap temperature to be -80°C or lower
4. CFC free hermetically sealed compressor with suitable safety device
5. Holding capacity for ice 1 lit or more per batch
6. Safety function: leak/over current; control based self-diagnosis for compressor, vacuum sensor and vacuum pump automatic operation; in case of power failure back suction of oil to be prevented along with maintaining vacuum in the chamber
7. Defrosting function by hot gas
8. High quality corrosion resistant vacuum pump capable for ultimate pressure 5×10^{-4} Torr or lesser
9. Vacuum pump should be capable to displace at least 50 liter air per min and with safety features like check valve, oil filter, ballast etc.
10. Freeze Dryer Manifold with at least 12 ports for test tube, ampoules and vials
11. Complete sealing device for vials and ampoules including vacuum tester
12. Operating environment- under AC room $\sim 25^{\circ}\text{C}$ temperature
13. Noise level: <70 db
14. Operating: 220-240V, 50Hz and suitable capacity voltage stabilizer to be included
15. Certification: ISO or CE or equivalent
16. Technical features should be supported by original literature
17. **Three years warranty for the equipment and two years AMC charges from the date of installation**
18. Other tender requirements will be as per ICMR guidelines from NICED-Store

D-2/Equipment 2018-19 (6) / NIT NO.2019_DoHR_402124_1
Name: Shaker incubator
Quantity 1 (One)

Specifications

1. Microprocessor controlled programmable Incubator shaker with working range of 4° to 60°C with inside switchable illumination
2. Programmable features to be included i.e. programmable auto start/auto stop
3. Chamber capacity about 150 liter with Interior and exterior material high quality stainless steel
4. Three shelves with load bearing capacity of around 15 kg/ shelf
5. Temperature control accuracy ± 0.1 to 0.2°C and provision for temperature calibration
6. LED display and setting parameters for temperature, time etc. with visualizing values, audio alarm for temperature over/under shoot
7. Facility for defrosting
8. Rotary compressor with CFC free gas/system
9. Facility to connect tubing for external air/gas purging fitted with 0.3 micron filter
10. Safety features/alarm to be included for door open, sensor fault, heater fault, over current etc. with overheat protection
11. Brushless motor based adjustable orbital & reciprocal shaker; adjustable shaking speed 25 to 250 rpm with accuracy ± 1 rpm; digital display for speed
12. Universal tray with spring mesh type situated for the shaker; Interchangeable/adjustable for holding Test tubes (~200 No.), 50 ml flasks (~24 No.), 100 ml flasks (~18 No.), 250 ml flasks (~6 No.), 500 ml flasks (~6 No.) 1 and 2 Lit flasks (~2 No.)
13. Operating environment- under AC room $\sim 25^{\circ}\text{C}$ temperature
14. Noise level: ~ 55 db
15. Operating: 220-240V, 50Hz and suitable capacity voltage stabilizer to be included
16. Certification: ISO or CE or equivalent
17. Technical features should be supported by original literature
18. **Three years warranty for the equipment and two years AMC charges from the date of installation**
19. Other tender requirements will be as per ICMR guidelines from NICED-Store

D-2/Equipment 2018-19 (7) / NIT NO.2019_DoHR_402125_1
Name: Frost free Refrigerator (4°C)
Quantity 4 (Four)

Specifications

1. Microprocessor controlled, floor standing 4°C chamber with front open glass door and compressor placement on the top of the equipment
2. The machine to be fitted with casters
3. External dimension of around 190 cm height and around 90 cm depth
4. Effective capacity around 1200 Liter
5. At least 8 number of shelves
6. Forced cool air circulation with high temperature alarms
7. CFC free refrigerant
8. Fully automatic defrosting
9. Operating: 220-240V, 50Hz and suitable capacity voltage stabilizer to be included
10. Certification: ISO or CE or equivalent
11. Technical features should be supported by original literature
12. **Three years warranty for the equipment and two years AMC charges from the date of installation**
13. Other tender requirements will be as per ICMR guidelines from NICED-Store

D-2/Equipment 2018-19 (8) / NIT NO.2019_DoHR_402127_1
Name: All in One Printer
Quantity 1 (One)

Specifications

1. Black and White laser printer with scan and copy function complete with toner cartridge
2. Scanning duplex (A4, letter paper) with speed no less than 12 ppm
3. Print speed (A4, letter, A3) no less than 12 ppm
4. Copy output (A4) about 20 cpm
5. Paper trays 2 no. and automatic document feeder with holding capacity 100 sheets
6. Network connectivity with built-in Ethernet 10/100 and with standard connectivity through high speed USB 2.0
7. Adjustable scan resolution up to 1200 x 1200 dpi
8. Memory (Onboard) 128 MB or higher
9. Media size from Tray- A3, A4, A5, B4, B5 and others
10. Standard media sizes (duplex) A4, 16K, B5 (JIS), A5, B4 and others
11. Software to be compatible for latest version of Windows OS with Scan to PC feature
12. Operating: 220-240V, 50Hz
13. Technical features should be supported by original literature
14. **Three years warranty for the equipment and two years AMC charges from the date of installation**
15. Other tender requirements will be as per ICMR guidelines from NICED-Store

D-2/Equipment 2018-19 (9) / NIT NO.2019_DoHR_402128_1
Name: Nanopore Sequencer
Quantity: 1 (One)

Specifications

1. Sequencing System will be based on nanopore technology
2. Comprehensive ready-to-go sequencing system with all the accessories
3. Long read portable sequencing technology (Sequencer should have capable of generating up to 1Mbp read length.)
4. Flowcell generation: Data output should be 100K to one million reads /10-15 GB data per run
5. Multiple samples to be run on single flow cell
6. Flowcells should be reusable
7. Should include all Library prep reagents sufficient to prepare 12 libraries with barcoding
8. Qubit Quantification should be supplied along with magnetic stand
9. A computing system with pre-installed analysis tools and an automated user interface one click button tool for performing base-calling, specific sequence trimming, filtering & splitting, format conversion, statistics generation and quality check with complimentary license for at least 1 year, 16 GB RAM, 3 TB Storage (1 TB SSD and 2 TB HDD), Intel(R) Xeon(R) Processor E3-1225 v5 i7 processor (Quad Core 3.3GHz, 3.7Ghz Turbo, 8MB, w/ HD Graphics P530), USB 3.0, 19" workstation monitor, Key board, Mouse and suitable printer should be supplied
10. System installation and onsite hands-on training to use the instrument for 2 days and 8 weeks of off-site technical support should be provided
11. Supplier should enclose similar copy of PO reference (atleast 10) with the Installation certificate from the Government Institutes in India including any installation certificate from Government institutes
12. The supplier should have authorization to supply the portable long read sequencing device
13. The supplier should have demonstrated capabilities in using the portable long read sequencing and data analytics as shown by at least 3 research publications with authorship or citations and have a dedicated R&D team as well as support team for Nanopore
14. Operating: 220-240V, 50Hz and suitable capacity voltage stabilizer to be included
15. Technical features should be supported by original literature
16. **Three years warranty for the equipment and two years AMC charges from the date of installation**
17. Other tender requirements will be as per ICMR guidelines from NICED-Store

D-2/Equipment 2018-19 (10)/ NIT NO.2019_DoHR_402133_1
Name: Blood Coagulation Analyser
Quantity: 1 (One)

Specifications

1. Advanced Opto mechanical principle for sensitive clot detection
2. Test menu to include Prothrombin time (PT), Activated partial thromboplastin time (APTT), fibrinogen, coagulation factors, protein-S, Protein-C
3. Calibration curve with 2 to 7 standards
4. Three levels of quality control
5. Multi form reporting output
6. Include serial port for data transfer connectivity
7. Inbuilt printer with thermal paper
8. Include printer at least 10 no. of printer rolls
9. Incubation block temperature $37^{\circ}\text{C} \pm 1^{\circ}\text{C}$
10. At least 16 numbers of cuvette positions
11. Results reporting in seconds, ratio, INR, percentage activity, mg/dl, g/L, IU/ml
12. Memory for at least 50 programmable assays
13. Operating: 220-240V, 50Hz and suitable capacity voltage stabilizer to be included
14. Technical features should be supported by original literature
15. **Three years warranty for the equipment and two years AMC charges from the date of installation**
16. Other tender requirements will be as per ICMR guidelines from NICED-Store

D-2/Equipment 2018-19 (11) / NIT NO.2019_DoHR_402134_1

Name: Autoclave

Quantity: 4 (Four)

Specifications

1. Microprocessor controlled vertical type autoclave mounted on casters; top loading design
2. Operating temperature range for sterilization (105 ~ 135°C), heating/warming (45~90°C)
3. Programmed autoclaving (sterilization, up to 20 min) and warming/heating around up to 4h
4. Polished stainless steel inside chamber with 50~ 55 liter capacity
5. Two perforated/netted steel basket having each dimension about 30 cm diameter and 20 cm height for holding materials
6. Automatic air purging and venting system with self-contained facility suitable for laboratories with temperature control environment
7. Pressure display system analog type and working pressure range 15-20 psi
8. Programmable operation
9. Exhaust knob (open/close) for release of pressure
10. Digital temperature display
11. Buzzer at the end of programme e.g. autoclaving/warming/heating cycle
12. Alarm with cut out system for (i) chamber overheat sensor above 5°C over the set temperature, (ii) chamber housing overheat, (iii) chamber overpressure, (iv) overheat & overpressure and (v) low water as well as door open alarm
13. Operating: 220-240V, 50Hz and suitable capacity voltage stabilizer to be included
14. Certification: ISO or CE or equivalent
15. Technical features should be supported by original literature
16. **Three years warranty for the equipment and two years AMC charges from the date of installation**
17. 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 EOI , Instruction for 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 lacs Per Year. Agency 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 with work order & completion certificate.

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 the 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 instalment / 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:

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)/Cpdp (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 _____