

Fax: +91-44-28362528
E-Mail: nirt@icmr.org.in

Telephone: +91-4428369500/9600
Website: www.nirt.res.in



தேசிய காசநோய் ஆராய்ச்சி நிறுவனம்
राष्ट्रीय यक्ष्मा अनुसंधान संस्थान
NATIONAL INSTITUTE FOR RESEARCH IN TUBERCULOSIS
(Indian Council of Medical Research)
(Formerly Tuberculosis Research Centre)
Department of Health Research, Ministry of Health & Family Welfare
Government of India
No.1, Mayor Sathyamoorthy Road, Chetpet, Chennai 600031

BID DOCUMENT

NAME OF WORK: Tender for the Purchase of Genome Station and Optimized Hardware for efficient processing of Genomics Data

Tender Enquiry No: P1/Genome Station (Immu)/2017-18

Tender published at Website: <https://eprocure.gov.in>
www.nirt.res.in

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Telephone: +91-4428369500/9600

E-Mail: directornirt@nirt.res.in

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Chennai 600031

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No.1, Mayor Sathyamoorthy Road, Chetpet,

No.Tender No.P1/ Genome Station (Immu)/2017-18

Date: 15.12.2017

NIRT E-Tender

Electronic Bids are invited through website <https://eprocure.gov.in> under two bid system from eligible domestic bidders registered in India i.e Original Equipment Manufacturers/Authorized Dealers/Authorized Distributors/Suppliers authorized by OEM for Genome Station and Optimized Hardware for efficient processing of Genomics Data at NIRT, Chennai.

Tender Enquiry

Date of Publishing	15.12.2017
Bid Document Download start date(Online)	15.12.2017
Bid Submission start date(Online)	15.12.2017
Bid Submission End date (Online)	21.12.2017
Receipt of EMD at NIRT, Chennai	21.12.2017
Date of Technical Bid opening(Online)	22.12.2017
Date of Financial Bid Opening	To be Notified separately

Earnest Money Deposit: 26,000/- EMD should reach this office in the form of Demand Draft drawn in favour of The Director, Chennai on or before 21.12.2017– 11.00AM.and sent to The Administrative Officer Stores.

Important Notes:

1. Tender documents may be downloaded from central Public Procurement Portal <http://eprocure.gov.in/eprocure/app>.
2. Only Bids received on our e-tendering portal will be considered for opening. Bids in any physical form sent through fax/e-mail/courier/post/delivered personally will not be considered.
3. Any addendum/Corrigendum date extension in respect of above tender shall be issued on our website www.nirt.res.in and website <https://eprocure.gov.in> only and no separate notification shall be issued in the press. Bidders are therefore requested to regularly visit our website to keep themselves updated.

Place: Chennai

Date: 15.12.2017

GENERAL TERMS & CONDITIONS

Nature of items:

For supply & installation of goods/instrument with specifications as mentioned in Annexure – I.

1. Scope of Supply:

1. The tenders shall be submitted as per the technical specifications enclosed in
2. Annexure – I
3. NIRT, Director reserves the right to accept or reject any or all tenders without assigning any reason thereof.

2. Bid Submission and Opening:

- a. The bid should be submitted online at website <http://eprocure.gov.in/eprocure/app> only by due date as in NIRT of the bid. The server date and time as appearing on the website only shall be considered for the cut-off date and time for submission of bids. Offers sent through post, fax, e-mail and courier or by any other mode will not be considered.
- b. Only those bidders shall be considered qualified by the NIRT, who submit requisite EMD, documents, accept all the terms and conditions of the tender document. The decision of NIRT shall be final and binding.

3. Submission of Bids:

- a. Only bids received on e-tendering portal will be considered for opening. Bids in any physical form sent through fax/e-mail/courier/post/delivered personally will not be considered.
- b. Bidder will be responsible for any delay due to other issues.
- c. Bidder shall select the payment option as offline to pay the EMD and enter details of the Demand Draft/Bank Guarantee.
- d. The bidder has to digitally sign and upload the required documents one by one as indicated in the tender document.

4. Submission of offer:

The tender shall be submitted online in two cover system duly scanned and digitally signed by the authorized representative of the bidder as follows.

A) Cover-1 (Techno-commercial Bid):

Online Bid should be submitted containing copy of the following documents in cover-1 as documentary proof, for fulfilling qualifying criteria, failing which the offer shall be summarily rejected.

- a. Scanned copy of Earnest money amount must be furnished.
- b. Bidder/Agent who quotes for goods manufactured by other manufacturer shall furnish valid Manufacturer's Authorization form.

B) Cover-2 (Price Bid):

- a. The price must be quoted only in the price Bid format attached as BOQ. Please quote the prices

C) Indian Agent

1. If a foreign bidder has engaged an agent in India in connection with its bid, it will be required to give the following information in the bid.
 - The name and address of the Indian agent with their permanent income tax number
 - The details of the services the agent will tender

5. Validity of Tender:

- a. The tender shall be valid for a period of 180 days from the date of opening of the tender.
- b. No representation for the enhancement of the prices of the accepted tender or alteration of the terms and conditions will be entertained till supplies are completed.

6. Price:

- a. The price shall be firm and shall include all applicable taxes and charges. The rates quoted shall be all inclusive, with the delivery upto destination i.e NIRT, Chennai
- b. All duties, taxes and other levies payable by the bidder under the contract shall be included in the total price.

7. Payment:

- a. After successful installation of the material, payment will be made by NIRT, Chennai by NEFT transfer to the bank account.
- b. The tenderer shall submit the documents which shall clearly indicate that the proper supply and installation of instrument/equipment has been done.
- c. 100% payment shall be made only after supply of the items in good condition along with successful delivery of items and satisfactory installation report received by competent authority. No advance payment will be made.

8. Earnest Money Deposit:

- a. The units registered with National Small Industries Corporation (NSIC) or the concerned ministry or Department shall be exempted from the payment of Earnest Money as defined in Rule 170 of GFR 2017. In such case, copy of the certificate showing registration with the above mentioned institution to be enclosed along with the bid.
- b. In case the unit is not covered as above, it shall submit the offer along with the EMD.
- c. The EMD by way of Demand Draft drawn in favour of The Director, NIRT, Chennai is to be sent to this office on or before the date specified in the notice for tender.
- d. The scanned copy of the EMD should be included in Envelope I of the E-tender documents. The offers without EMD will be rejected.

9. Performance Bank Guarantee:

The successful bidder shall be required to submit a performance Guarantee equivalent to 10% of the contract value in the form of Bank Guarantee/Demand Draft Bank Guarantee which will remain valid for 3 months beyond the date of the completion of warranty.

TENDERER'S NAME & SIGNATURE WITH SEAL

ANNEXURE - I

Name of the equipment: Genomic Station

Quantity required: 1 No

Technical Specification for Genomic Station

Hardware:

1. Optimized Hardware for efficient processing of Genomics Data.
2. 2 Intel Xeon Processor E5 2630 v3 ((2.4 GHZ, 20MB Cache, 8 cores / 16 threads) for higher.
3. 128GB DDR4 RAM
4. 4TB SATA HDD
5. Dual Processor Heat sink
6. Intel hyper threading and Turbo boost technology
7. Thermal monitoring technology for low energy consumption and heat evacuation control
8. 32" Monitor
9. UPS for the hardware

Software:

1. Operating System: GS-OS
2. SQIT Analytical package pre-installed
3. Open source tools: Pre-installed open source pipelines for Bacterial resequencing and denovo sequencing including alignment / assembly tools, variation analysis tools, scaffolding tools, gene prediction tools.
4. CONTIGuator
5. Cutadapt
6. FastQC
7. Gap Filler
8. Uparse for Metagenomics
9. NGSQCToolkit
10. PeakAnalyzer
11. Trinity for RNASeq Assembly
12. SSPACE- STANDARD
13. SSPACE- LONGREAD
 Srna-workbench
14. snpEff
15. Qualimap
16. Prinseq-lite
17. PeakAnnotator
18. Velvet for genome assembly
19. Varscan

Training & Installation:

On-site installation and training on the NGS analytics pipeline. Minimum of 4 visit/year during the warranty.

Warranty: 5 years warranty on hardware and software

Conditions: Company should be based in India with atleast 4 years of establishment.

Company should show prior record of providing services / products to any DST /DBT/ ICMR/ ICAR institutes (specifically Genomics Service and Products)

TENDERER'S NAME & SIGNATURE WITH SEAL

ANNEXURE-II**Bid Submission****Online Bid Submission:**

The online bids must be uploaded online in two covers as explained below.

Cover – I			
(Following documents to be provided as single PDF file)			
S. No	Documents	Content	File Types
1.	Technical Bid	Compliance sheet with technical Specifications mentioned in Annexure-I	.PDF
2.		Online Bid Submission details (Annexure-II)	
Cover - II			
S. No	Types	Content	
1.	Financial Bid	Price Bid(BOQ) may be submitted as an BOQ for item quoted as per Annexure-I	Excel

TENDERER'S NAME & SIGNATURE WITH SEAL