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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: Purchase of Refrigerated Centrifuge with UPS

Tender Enquiry No: P1/Refrigerated Centrifuge (Immu)/2018-19

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

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Tender No. P1/Refrigerated Centrifuge (Immu)/2018-19

Date: 08.01.2019

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 procurement of Refrigerated Centrifuge with UPS for Immunology department at NIRT, Chennai.

Tender Enquiry

Date of Publishing	08.01.2019
Bid Document Download start date(Online)	08.01.2019
Bid Submission start date(Online)	09.01.2019
Bid Submission End date (Online)	05.02.2019
Receipt of EMD at NIRT, Chennai	04.02.2019
Date of Technical Bid opening(Online)	06.02.2019
Date of Financial Bid Opening	To be Notified separately

Earnest Money Deposit:Rs.36,000/- EMD should reach this office in the form of Demand Draft drawn in favor of The Director, NIRT, Chennai on or before 04.02.2019

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: 08.01.2019

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 new scientific equipments enclosed in Annexure – I
2. 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. The server date and time as appears 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, courier or by any other mode will not be considered.
- b. Only those bidders shall be considered who submit requisite EMD documents and accept all the terms and conditions of the tender document. The decision of NIRT shall be final and binding.
- c. Bidder will be responsible for any delay due to other issues.
- d. Bidder shall select the payment option as offline to pay the EMD and enter details of the Demand Draft/Bank Guarantee.
- e. The bidder has to digitally sign and upload the required documents one by one as indicated in the tender document.

3. 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 / Dealer'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

TENDERER'S NAME & SIGNATURE WITH SEAL

4. 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.

5. Price:

- a. The price shall be firm and shall include all applicable taxes and other charges including freight charges for delivery upto destination that is NIRT, Chennai
- b. All duties, taxes and other levies payable by the bidder under the contract shall be included in the total price.

6. 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.

7. 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 without any notice.

8. 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. The Bank Guarantee should remain valid for 3 months beyond the date of the completion of warranty.

9. The equipment should be delivered at the respective location at NIRT, Chetpet, Chennai. The supplier he is response for customs clearance at the respective airport / seaport, the freight charges against may be quoted in the tender.

TENDERER'S NAME & SIGNATURE WITH SEAL

Refrigerated Centrifuge with UPS (Qty : 2 Nos)

Specifications for the Refrigerated Centrifuge:

1. Metal housing, chamber stainless steel
2. Cooling capacity maximum speed at +4⁰C
3. Standby cooling
4. Induction motor, brushless drive
5. Capacity at least 3 litres and above
6. Rotor with swing out buckets, at least four positions, with adapters can accommodate tubes and bottles 0.20 to 500 ml or more
7. Rotor buckets are aerosol tight, transparent, clipping lids
8. Insert buckets adapted to 50 ml centrifuge tube
9. Capacity 16 or more X50 ml
10. Maximum revolution per minute 4500 rpm, corresponding radius approximately 15 cm for swing bucket rotor
11. Plate rotors for centrifugation of all types of MTP, PCR, cell culture, or Deep well Plates
12. Fixed-angle rotors for high-speed applications in tubes from 0.2 mL to 50 mL and above
13. High centrifugation speed of fixed angle rotor will be minimum 20000XG and above
14. Noise level at the maximum speed not more than 70dBA
15. Programmable for all parameters
16. Soft start, different acceleration level (1-9) and braking level (1-9) and brake force cut off
17. Input and recall programme for least 20 storage positions
18. LCD display protection against splash of liquids for run time, speed , RCF-switchable, actual temperature and time left to finish the run
19. Imbalance switch off
20. Overheating switch off

21. Motor overheating protection
22. Rotor recognition for appropriate over speed protection
23. Safety lock of the lid during run as long as rotor moving
24. Possibility of mechanical opening during the current blackout
25. Voltage and plugs adopted to meet Indian conditions
26. The manufacturer must have the management system certified by ISO9001

27. Adapters to hold the 15 ml, 5ml and 1.5 ml tubes should be included as essential accessories
28. Micropipettes in the volume range 20 micro litres to 1 ml from reputed and well established brand with following specification should also be included as essential accessories.
29. Pipets with the following volume range 20-200 μ l -1 no, 200 μ l – 1 ml -1 no should be provided
30. These pipets should be Fully autoclavable
31. These pipets should Withstands exposure to harsh chemical application
32. Pipets should be Resistant to UV light
33. Two Pipette Aids along with rechargeable batteries from reputed and well established brand with following specification to be included as essential accessories
34. It should be light weight model
35. Volume range will be 1ml to 100ml range
36. It should be autoclavable
37. In single charge it should have more than 1000 discharges
38. UPS from the reputed and well established brand included as essential accessories
39. UPS should supply the power to the centrifuge till the generator is switch on approximately 20-30 minutes
40. UPS should supply with maintenance free battery it should automatically shut off before reaching the level of discharge
41. Certificate should be provided that the centrifuge was calibrated at the factory
42. Digital Tachometer (non-contact version), Digital thermometer and stop clock for the calibration of centrifuge should include as the essential accessories
43. All standard accessories and consumables and part require to operate to be included in the offer

TENDERER'S NAME & SIGNATURE WITH SEAL

Warranty & Service: The entire instrument should be provided with 3 years comprehensive and 2 years non-comprehensive warranty from the date of completion of satisfactory warranty. Immediate response upon system failure should be guaranteed. Response to service calls should happen within 48 hours.

Others:

- ✓ The unit must be quoted by Original Equipment Manufacturers with Sales and service support facilities in India through their branch office / Indian Agent (or) Indian agent with extensive sales (Minimum 5 years) and service support in India representing foreign principals / Original Equipment manufacturers. The Indian agency / dealership certificate with details of sales and service support should be enclosed with the technical bid.
- ✓ The firm should provide necessary original documentary evidence of the features of the offered model in the technical bid to facilitate proper technical evaluation.
- ✓ Purchase orders, contact details and user satisfactory reports of the quoted model from Nationalized or reputed laboratories all over the India must be shared with quotation.
- ✓ Equipment should be delivered at the door step of NIRT. Imported equipment's customs duty, shipment clearance, equipment transport will be the responsibility of the instrument supplier.
- ✓ Complete installation and testing the main system and the accessories to their specifications done at the site of installation free of cost. All utility requirements for installation and running the system should be mentioned in the offer.
- ✓ Please indicate the year in which the model offered was introduced into the market and confirm whether the spares for the system would be available for a minimum period of 10 years and shall not be obsolete within five years of procurement.
- ✓ Special discount on list price for all spare parts must be given up to 10 years.

- ✓ Availability of local service support and response time for a service call during and after warranty specified.

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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 specification mentioned in Annexure-I	Excel

TENDERER'S NAME & SIGNATURE WITH SEAL