



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: Purchase of Gel Documentation System

Tender Enquiry No: P1/Gel Doc System (Immu)/2017-18

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

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Tender No.P1/Gel Doc System (Immu)/2017-18

Date: 30.08.2017

NIRT E-Tender(NIT)

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 Gel Documentation system at NIRT, Chennai.

Tender Enquiry

| | |
|---|----------------------------------|
| Date of Publishing | 30.08.2017 |
| Bid Document Download start date(Online) | 30.08.2017 |
| Bid Submission start date(Online) | 30.08.2017 |
| Bid Submission End date (Online) | 21.09.2017 |
| Receipt of EMD at NIRT,Chennai | 21.09.2017 |
| Date of Technical Bid opening(Online) | 21.09.2017 |
| Date of Financial Bid Opening | To be Notified seperately |

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 21.09.2017 – 11.00AM.

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: 30.08.2017

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 Authorisation 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

TECHNICAL SPECIFICATIONS FOR THE SUPPLY OF GEL DOCUMENTATION SYSTEM

Specification for the gel documentation system :

1. Capable of imaging the multi fluorescent, and colorimetric samples on gels, membranes, microplates, culture dishes, and tissue sections.
2. It should have the near-infrared fluorescent imaging for NIR fluorescent Western blotting and other applications
3. instrument have the capability to quantification of colorimetrically-stained samples such as CBB and silver stained gels
4. The Imaging system should have a linear dynamic range of the detection system must be at least 6 logs with one-button image acquisition
5. The system should have two infrared solid state laser diodes which must be the means of excitation of the fluorescent labels.
6. Includes additional light source [600 nm] for Ethidium bromide and SYBR safe DNA stain detection
7. Detection of the fluorescent dyes must be in the near infrared range for the 700nm and 800nm channels to obtain a high signal to noise ratio.
8. The system must be able to scan for two different IRDye infrared dyes with emissions separated by at least 100nm to eliminate spectral overlaps
9. The instrument should be supplied with a suitable platform to operate the instrument through the software.
10. Two-Color quantitative western blot analysis, with signal being detected at Near Infrared Spectral range for ultimate sensitivity and detection with chemiluminescent substrates.
11. System should have superior Optical CCD Based Detection system that provides One-touch image acquisition everytime and eliminates the need for post image capture data correction using image stacking / flat fielding /binning, providing uniformity
12. Highly sensitive detection of coomassie stained protein gels should be available at Near Infrared range.
13. Superior optical system which eliminates the harmful UV Excitation light –safer alternative for downstream DNA applications / DNA gel imaging
14. Detection system must be based on advanced CCD technology with background suppression and uniform area illumination
15. For each infrared channel, a dedicated and optimized laser and detection system must be provided.
16. Detection of chemiluminescence signal must be available
17. Detection of infrared labeled or NIR-stained nucleic acids should be possible using either agarose or PAGE gels.
18. The system should have Image Field size not less than 11 x 10 cm.
19. IRDye fluorophores must be stable and should provide the option to be reimaged with equivalent results.
20. A desktop with at least below mentioned configuration (i7 processor, 8GB RAM, 500GB Hard disk, Windows 8.1-operating system and 27" monitor) or higher configuration loaded with latest version of analysis software should be provided along with the instrument.
21. Software must be able to control the imager and analyze the scanned data. Analysis must include sample quantification and molecular weight sizing.

22. The entire instrument system and the work station should be supported by suitable branded online UPS with a minimum of 30 min. backup or preferably more
23. The company should provide regular software updates, whenever released, free of cost for the entire life of the instrument
24. Company should provide list of publications in International journals that should have cited the use of their technology.

Warranty & Service: The entire instrument and the computer should be provided with 3 years comprehensive and 2 years non-comprehensive warranty from the date of completion of satisfactory installation. 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 Manufacturer's 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.
- ✓ 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 & reagents must be given up to 10 years.

- ✓ Availability of local service support and response time for a service call during and after warranty specified.
- ✓ Technical specification are intended to be descriptive only and not restrictive. The bidder may substitute alternative standards, brand names and/or catalogue numbers in its bid, provided that it demonstrates to the purchaser's satisfaction that the substitutions ensure substantial equivalence or superior to those designated in the "Technical Specification.

TENDERER'S NAME & SIGNATURE WITH SEAL

BidSubmission**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