

**RAJENDRA MEMORIAL RESEARCH INSTITUTE OF MEDICAL SCIENCES  
(INDIAN COUNCIL OF MEDICAL RESEARCH)  
MINISTRY OF HEALTH & FAMILY WELFARE, GOVT. OF INDIA  
AGAM KUAN, PATNA – 800 007.**

No.: RMRI/ICMR/SERB Proj/NanoSpectro/ 07 /2016-17 Dated: 02-09-2016

**TENDER DOCUMENT**

**FOR EQUIPMENTS/INSTRUMENT Nano-Spectrophotometer**

<b>1.</b>	<b>Nano-Spectrophotometer</b>
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**DATE OF ISSUE OF TENDER FORM WITH DOCUMENT** : 05-09--2016 at 11:00 A.M.

**DATE & TIME FOR SUBMISSION OF TENDER DOCUMENT** : From 05-09-2016 to  
14-10-2016  
up to 05:00 P.M.

**DATE & TIME FOR OPENING OF TECHNICAL BID** : 18-10-2016  
at 03:00 P.M.

(Naresh Kumar)  
**Administrative Officer**

**RAJENDRA MEMORIAL RESEARCH INSTITUTE OF MEDICAL SCIENCES**  
**(INDIAN COUNCIL OF MEDICAL RESEARCH)**  
**AGAM KUAN, PATNA – 800 007.**

Tender Notice No./Store/SERB/07/2016-2017

Dated:02-09-2016

**TENDER NOTICE FOR THE EQUIPMENT Nano-Spectrophotometer**

Sealed Tenders/Bids (in two bid system i.e. Technical bids and Price bids) are invited for the purchase of Scientific Equipment “Nano-Spectrophotometer” for the institute.

Interested Manufactures/Reputed suppliers/Registered firms having VAT/Sales Tax/Income Tax No. etc may submit their Tender/ bid latest by 14-10-2016 at 05.00 PM. through Registered / Speed post, etc addressed to the Director, RMRIMS (ICMR), Agamkuan, Patna-800 007.

Tender document for the above equipment can be obtained from the office of undersigned by depositing Rs. 500=00 or may be downloaded from the institute’s website. The tender document cost and E.M.D. of Rs 9,000=00 with technical bid must be submitted in form of Demand Draft in favour of Director, RMRIMS, Patna payable at Patna. The information are available at institute’s website: [www.rmrim.org.in](http://www.rmrim.org.in).

Administrative Officer

**RAJENDRA MEMORIAL RESEARCH INSTITUTE OF MEDICAL SCIENCES**  
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**AGAM KUAN, PATNA – 800 007.**

**TERMS & CONDITIONS**

1. EMD in the form of Demand Draft, in favour of Director, RMRIMS, Patna payable at SBI, Agamkuan, Patna (code-07878) from any scheduled bank, EMD in any other form will not be acceptable. **The EMD must be enclosed with Technical Bid.**
2. Tender evaluation will be done in two stages. i.e. (i) Technical bid (ii) Price bid. Each bid to be submitted in separate sealed envelopes super scribed as Technical bid & Price bid.
3. The Technical bids will be opened on 18-10-2016 at 03:00 PM in the Institute premises. Tenderers/Bidders/or their representatives may present on the day of Tender opening date.
4. Financial bid of technically qualified parties will be opened in presence of parties after evaluation of technical bid so it will be informed to successful technical bidders on telephonically or through E-mail.
5. Technical bid should contain :-
  - (a) Name of items with specification, makes/ brands of the items and model No.
  - (b) Literature & Catalogues in support of the item quoted must be enclosed. **(Original Brochure)**
  - (c) Performance certificate of equipment will be preferred.
  - (d) Current authorisation letter i.e. a valid letter of authorisation from the principal manufacturer.
  - (e) Attested photocopy of valid license for stockist and distributorship as applicable should be provided.
  - (f) **The EMD in form of Bank Draft must be enclosed with Technical Bid.**
6. Price bid should contain:-
  - (a) Should be submitted in a separate sealed envelope super scribing the word “Price bid” mentioning tender enquiry number and date.
  - (b) The rates quoted should be inclusive of Excise Duty and exclusive of VAT/ 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**.
  - (c) Bidder will quote firm rates. No condition like discount in price, free goods/ incentives will be accepted towards finalization of the tenders. Rates should be according to a unit.
  - (d) While quoting rates, enquiry no. of the tender must be indicated and rates should be quoted.

7. The tender documents should be typed. Any cutting/ overwriting must be signed by the tenderer otherwise the rates in r/o that particular item may not be considered.
8. Each and every page of the tender must be numbered and signed by the tenderer along with seal of the firm.
9. Security Deposit:- If bidder is awarded purchase order letter, The bidder should submit Bank Guarantee from a nationalized bank of 10% of the cost of the Equipments/Instruments indemnifying the RMRIMS against all losses incurred by the RMRIMS during the guarantee period i.e. 24 months from the date of installation.
10. 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.). Current rate list of all replacements must be submitted in the price bid.
11. **Gurantee/ Warranty: The bidder will give a comprehensive warranty of trouble free functioning of 36 months including spares. After 36 months the firm will provide maintenance services free of cost for another 24 months and institute will pay only for spares and accessories. After 5 years, the firm has to provide AMC for a minimum period of five years with an undertaking even if the manufacturer/company is sold/transferred/merged with another company and the service will not be interrupted. This undertaking has to be submitted after satisfactory installation alongwith the bills. Firms violating the warranty/guarantee clause are liable for proceeding of black-listing.**
12. THE RATES QUOTED WILL BE TAKEN AS FIRM AND FINAL.
13. The tenderer are bound to supply the store during the validity of tender at the approved rates.
14. The firms may be asked to deliver the goods in instalments/ 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 be borne by the company.

**15. EXCLUSIVE RIGHT OF DIRECTOR:-**

Director, RMRIMS, Patna has the full and exclusive right to accept or reject any or all the tenders without assigning any reasons, whatsoever. No enquire, verbal or written shall be entertained in respect of acceptance/ rejection of the tender.

**Administrative Officer**

## **Technical Specification**

- System should be compatible for rapid and reliable quantification of Nucleic acids, proteins, and bacterial density.
- System should be flexible to handle micro volume, disposable and/or standard cuvettes for sample volumes ranging from 1.5  $\mu\text{L}$  to 3 mL.
- System should have pre-programmed quantification methods for dsDNA, ssDNA, Oligo, RNA, Protein (A280), Bradford, Bradford micro, BCA, BCA micro, Lowry & Lowry micro, & Bacterial density measurements.
- Data transfer and analysis should be possible without any additional software.
- System should have integrated calculation for total yield, molar concentration & molecular mass.
- System should provide different modes for analysis based on factor, standard or standard series with flexibility for curve fit analysis like regressions (linear, cubic & quadratic) and interpolations (linear & spline).
- Cuvette Material: Quartz glass or UV transparent plastic, for micro volume measurements, minimum volume should be 2 $\mu\text{L}$  for DNA and 4 $\mu\text{L}$  for protein
- Measuring principle: Single beam absorption spectrophotometer with reference beam.
- Light Source: Xenon flash lamp
- Receiver: Photodiode array/silicon array
- Wavelength range: 200nm-830nm
- dsDNA concentration range: 2.5ng/ $\mu\text{l}$  -1500ng/ $\mu\text{l}$
- BSA Concentratin range: 7.5ng/ $\mu\text{l}$ - 45 $\mu\text{g}/\mu\text{l}$
- Display: 5 - 6 inch VGA TFT
- Measurement sample size: 2-4  $\mu\text{l}$
- Dimension: Varies accordingly
- Connection: Should be connected by USB
- Power supply: 100-240v, 50-60hz
- One year warranty