

**RAJENDRA MEMORIAL RESEARCH INSTITUTE OF MEDICAL SCIENCES**  
**(Indian Council of Medical Research)**  
**Agam-kuan, Patna 800 007**

No.RMRI/ICMR/Store/Equip/DST/1984 /2017-18

**Dated:**22.02.2018

Interested manufacturers /authorised agencies or suppliers/registered firms may submit sealed quotations/rates in two bid systems (technical bid & price bid) for supply of the item along with specifications as noted below. Your sealed quotation/rate along-with EMD as mentioned below and tender document cost of **Rs.500/- only for each bidder** must reach the office of the undersigned latest by **23<sup>rd</sup> March,2018** before 5.00PM by registered post/speed post/ courier service etc, The apprehended terms & conditions must be read before submission of quotation addressed to the **Director, RMRIMS (ICMR)**, Agamkuan, Patna-800007. The tender document with terms & conditions is to be downloaded from the institute's website [www.rmrim.org.in](http://www.rmrim.org.in)

<u>Sl. No.</u>	<u>Particulars/instrument</u>	<u>Quantity</u>	<u>EMD cost (INR)</u>
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<b>1.</b>	<b>MULTI-PURPOSE TABLE TOP CENTRIFUGE (REFRIGERATED) - One-</b>		<b>Rs. 25000/-</b>
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**Specifications**

1. **Max. RCF:** 15000g or better
2. **Temp. Control Range:**  $\geq 0^{\circ}\text{C}$  to  $\leq 40^{\circ}\text{C}$
3. **Power Supply:** 230V/50 Hz
4. Microprocessor Controlled; LCD display; Low noise/ quiet running
5. **Accl/ Decel Profiles:** 9/9 or better
6. Sound alert system & Emergency lid lock release system
7. **Rotors:** Both fixed angle & swing-out rotors for 50 ml centrifuge tubes (**MUST**); 24 wells capacity (1.5 & 2.0 ml tubes) with lid & 0.2 ml PCR tube adapters (**Desirable**)

<b>2.</b>	<b>Mini-Tetrad System (with Power Pack)</b>	<b>: One-</b>	<b>Rs.4500/-</b>
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**Specifications**

Able to run Mini-gel size of 1 mm thickness  
Able to run up to 4 gels simultaneously  
Gel casting stand to allow casting up to 2 gels (Minimum 2 stands to be provided)  
Able to run pre-cast mini gel  
Two glass plates set must be provided with the system  
Power-Pack:  
Out-put range: 10-300 V, .01-0.4 A, 10-75 W  
LED display; Constant current or Voltage option with timer  
No load/ short circuit detection, sudden load/change detection

<b>3.</b>	<b>Microplate Absorbance Reader</b>	<b>- One</b>	<b>Rs. 20000/-</b>
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**Specifications.**

1. Fully automatic & must be able to support at least U- & flat-bottom 96-well microplates
2. PC based system (Windows compatible)

3. Reading time:  $\leq 15$  sec. for 96 wells with shaking mode
4. Wave length range: At least 400- 750nm or better
5. Photometric methods: Single or dual
6. Photometric range: 0- 3.0 OD
7. Resolution: 0.001 Abs. or better
8. Accuracy:  $\pm 1.0\%$  or better
9. Must have facility for kinetic analysis
10. Filters of 405,450,490/492,550,595,510/520 nm must be supplied with the instrument (Not for monochromator based systems)
11. Windows compatible software must be provided.

**4. ULTRASONIC CLEANER/SONICATOR : One Rs. 10000/-**

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**Specifications**

Microprocessor Controlled & LCD display all parameters

**Processing Volume:** 200 $\mu$ l – 10 ml

Pulse ON-OFF facility & Automatic Frequency tuning facility

**Power:** 120-1000 Watt & **Voltage:** 220 V, 50 Hz

**Amplitude:** 1-100% & **Timer Range:** 1-99 minutes

Temperature Control: Yes. Temperature probe must be provided.

**Adjustable ultrasonic frequency:** 20-25 KHz

Sound Enclosure with built-in jack & support rod must be given.

**Titanium Probe 2mm** for working volume 0.2-5 ml

**Titanium Probe 3mm** for working volume 3-10 ml

A suitable voltage stabilizer must be provided with instrument.

**5. UVA Light Meter : Six Rs.3000/-**

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**Specifications**

**UV detection range:** 290 nm – 390 nm

**High, Low Measurement Range:** 2 -20 mW/cm<sup>2</sup>

Professional, high quality UVA meter

**Accuracy:**  $\pm (4\% \text{ FS} + 2 \text{ dgt})$

**Operating Temp & Humidity:** 0 – 50 °C; < 85% R.H.

**Power Supply:** DC 9V Battery

Switch Botton: Power botton, Auto-Zero, Range switch

**Sensor Structure:** Exclusive UV photo sensor with correction filter

LCD Display, Micro-processor circuit & compact housing case

**6. UVB Light Meter : One Rs.1250/-**

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**Specifications**

**UV detection Range:** 320 nm – 390 nm

Professional, high quality & heavy duty UVB meter

**High, Low Measurement Range:** 0-20.00 mW/cm<sup>2</sup> or more (0-20.00 mW/cm<sup>2</sup>)

**Accuracy & Resolution:**  $\pm (4\% \text{ FS} + 2 \text{ dgt}); 0.001- 0.01$

**Operating Temp & Humidity:** 0 – 50 °C; < 85% R.H.

**Sample Time:** 0.4 – 1 sec

**Power Supply:** DC 9V Battery

Switch Botton: Power botton, Auto-Zero, Range switch

**Sensor Structure:** Exclusive UV photo sensor with correction filter

Micro-processor circuit with correction filter

LCD Display & compact housing case

**Preferable:** Data Acquisition Software/ PC serial interface data output

**Administrative officer**

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

**TERMS & CONDITIONS**

1. EMD in the form of Demand Draft or Bank Guarantee & Tender document cost of Rs.500/- for each bidder (in form of DD only), 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 of each equipment must be enclosed with Technical Bid separately along with the tender document cost.**
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 last date for the submission of tender on **23<sup>rd</sup> March, 2018 at 5.00PM** & the Technical bids will be opened on 26<sup>th</sup> March, 2018 at 03:00 PM and price bid will be opened on 29<sup>th</sup> March, 2018 at 3.00PM of the qualifying technical bids 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.
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 tenderers 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 tenderers 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**