

**DEPARTMENT OF PEDIATRICS  
ALL INDIA INSTITUTE OF MEDICAL SCIENCES**

19 November 2010

To

**Subject: Short rate enquiry for the item to be purchased under the head 'Plan' year 2010-11.  
Our Reference : Short Enquiry No. 19/Paed/2010-2011**

Dear M/s.

A short rate enquiry is hereby floated/invited for the following item required by Department of Pediatrics, AIIMS, New Delhi.

<b>Item Name</b>	<b>Microfuge (Non Refrigerated)</b>
<b>Quantity</b>	<b>02 (Two)</b>

**Technical Specifications:**

1. Micro centrifuge (non refrigerated) with 24 places for 1.5/2 ml micro centrifuge tubes with adapters for smaller vials and also for PCR strips.
2. Maximum ref 20,000 x g
3. Maximum speed 14,500 -15,000rpm
4. rpm/rcf setting as required
5. Short spin key with selectable rotational speed.
6. Rotor imbalance detection.
7. Centrifuge should be certified under CE IVD (In-Vitro Diagnostics).
8. Should be ISO-9001 and CE certified
  - a. Certifications should be substantiated with documentary proof.
9. Should have facility to validate speed and time with a certified devices.
10. Automatic rotor recognition to sense rotor type to set maximum allowable speed – to ensure safety.
11. PTFE Coated Rotors and Rotor lids for better chemical resistance
12. Rotors, Rotor lids and adapters must be autoclavable at 121<sup>0</sup>C/ 20min.
13. Motorized lid latch.
14. Automatic lid opening at the end of run. Safety locking ,lid should not open during the run accidentally or manually
15. Brushless motor to provide maintenance free drive
16. Knob version for setting of parameters
17. Dials and digital display
18. Low access height
19. Acceleration time to maximum speed < 20sec
20. Braking time from maximum speed 16 sec-20 sec
21. Soft ramp adjustable
22. Timer 30 s – continuous
23. Noise level < 56 dB (A)

24. Dimension in cms –small foot print
25. Light weight
26. Power supply 230 V/ 50 – 60 Hz
27. Power requirement 220 V
28. **Rotors & Adapters:**

Fixed-angle Rotors PTFE coated with rotor lids (also PTFE coated)

**Two Rotors:**

A. Standard Rotor (PTFE coated); with rotor lids (also PTFE coated)

Capacity 24 x 1.5/ 2 ml, aerosol tight, coated .

Maximum speed 14,500rpm-15,000rpm

Maximum rcf 20,000 x g

Minimum rcf (with adapters) 15,000 x g

**Adapters:**

- (i) For 0.2 ml PCR tubes= 2 sets of 6 adapters per set = 12 Adapters
- (ii) For 0.4 ml micro centrifuge tubes = 2 sets of 6 adapters per set = 12 Adapters
- (iii) For 0.5 ml micro centrifuge tubes = 2 sets of 6 adapters per set = 12
- (iv) For 0.6 ml microtainer = 2 sets of 6 adapters per set = 12

B. PCR Strip Rotor PTFE coated with rotor lid (also PTFE coated)

Capacity 4 x PCR 8-tube strip rotor, aerosol tight, coated .

Maximum speed 14,680 rpm

Maximum rcf 17000-2000 x g

**Conditions:**

- 1 Features in the quotations should be substantiated with proper Principal Company Catalogue.
- 2 Should operate under a Quality Management System which complies with the requirements of ISO 9001:2008 for design, manufacture and services.
- 3 Copies of all certifications e.g. Quality Standard certificate, Propriety Item/parts, Patent of parts/ technology, Principal company/Authorised Distributorship should be attached with the quotations.
- 4 In-House Service Engineers from principal company/ or authorized agents should be available on one-day notice basis in case of emergency.
- 5 Only Principal Companies or Authorized Distributors from Principal companies should quote. Quotations from non - authorized distributors will not be entertained

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## **Terms & Conditions:**

- The quotations should be submitted to the Professor & Head, Department of Pediatrics, Room No. 3058, AIIMS, New Delhi-29 and sent by post/per bearer **by 04 December, 2010 up to 1.00 P.M.** Quotation should be sealed in an envelope and the name of the item clearly written on top of the envelop.
- **The firm should submit two bids in a separate envelope and both bids packed in a single envelope mentioning name of the quoted item.**

**First bid 'TECHNICAL BID'** should contain information of quoted equipment including all supporting documents

**Second bid 'PRICE BID'** should contain cost of the offered equipment. A separate list of the consumables accessories/ reagents/ spare parts etc. required to operate the equipment should be is also enclosed.

**Please ensure that the cost is not disclosed in the technical bid, or else the quotation will be treated as cancelled.**

- The make of the article offered should invariably be quoted. Quotation should be typed written in ink. All overwriting and erased entries will be deleted from the quotation. The rates should be valid for at least FIVE MONTHS.
- VAT/Sales tax or any other kind of tax(s) must be separately mentioned against each item. In case no sales tax is chargeable, prices must be quoted as NET.
- **Warranty/Guarantee:** 2 years warranty with spares and 3 years without spares.
- The firm should be able to give demonstration of the item if required within 1 week of requisition.
- The firm must supply the item within 45 days after confirmation of order.
- The successful bidder has to submit performances bank guarantee of 10% of the order value valid upto warranty period.
- The payment will be made electronically viz RTGS/NEFT against delivery and satisfactory installation of the item. The following information should be also mentioned in the quotation.
  1. Name of the beneficiary:
  2. Account No. of the beneficiary:
  3. IFCS code of the bank/branch:
- The quantity can be increased or decreased to any extent depending upon the actual requirement.
- The Professor & Head of the Department reserves the right to cancel/reject full or any part of the rate enquiry which generally do not fulfil the conditions stipulated in the rate enquiry.
- Note: The specifications of the items are also available at the Institute website [www.aiims.edu](http://www.aiims.edu) & [www.aiims.ac.in](http://www.aiims.ac.in)

**Dr. V K Paul**  
**Professor & Head**

**Dr. Ramesh Agarwal**  
**Assistant Professor &**  
**Faculty in-charge Deptt. Stores**

**The following companies have been requested to participate in the Limited Rate Enquiry for the item 'Microfuge (Non Refrigerated)'.**

**Reference: Short Rate Enquiry no. 19/Paed/2010-2011**

- 1. M/S Micro Devices Metrohm Limited  
2/15, 3A, 3<sup>rd</sup> Floor,  
West Patel Nagar,  
New Delhi – 110 008**
- 2. M/S Del -Tech Instruments Pvt. Ltd.  
G-58, First Floor, Vikas Marg,  
Laxmi Nagar,  
Delhi - 110092**
- 3. M/S Eppendorf India Ltd.  
24, First Floor, Community Center,  
East of Kailash,  
New Delhi – 110065**
- 4. M/S Hysel India Pvt. Ltd  
1405, Chranjiv Tower,  
43, Nehru Place  
New Delhi- 110 019**
- 5. M/s Sripad Associates  
E-39,Vikas Marg  
Laxmi Nagar  
Delhi-110032**
- 6. M/s Nu Tek Instruments Pvt Ltd  
208, Vardhman Master Plaza,  
DDA, LSC, Ghazipur,  
Delhi – 110 096**