

**All-India Institute of Medical Sciences**  
**Ansari Nagar, New Delhi-29.**  
**(RESEARCH SECTION)**

Ref. No.18/Stores/PMSD/RG/2016-17/RS

Dated: 19.08.2016

**Subject:** Purchase of PC Based Spirometer – 02 Nos., for the Department of PMSD, AIIMS, New Delhi-29 on proprietary basis- Inviting comments thereon.

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The request has been received from Dr. Randeep Guleria, Deptt. of PMSD., AIIMS to purchase the subject item from M/s JK Medical System Pvt. Ltd. on proprietary basis. The proposal submitted by M/s JK Medical System Pvt. Ltd., and PAC certifications are attached.

The above documents are being uploaded for open information to submit objections, comments, if any, from any manufacturer regarding proprietary nature of the equipment/item within issue of 15 days giving reference **No. 18/Stores/PMSD/RG/2016-17/RS**. The comments should be received by office of Stores Officer (RS), Research Section at AIIMS on or before 02/09/2016 upto 12:00 p.m., failing which it will be presumed that any other vendor is having no comment to offer and case will be decided on merits.

**STORES OFFICER (RS)**

**Encl:** Related documents enclosed.

1. PAC Certificate enclosed.
2. Specification of equipment.

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### Specification of PC based Spirometer

Quantity: 01 Nos.

Amount: Rs. 1,00,000/-

1. Flow Sensor should be using the latest technology preferably Ultrasonic for infection control
  2. Should be easy to operate and be calibration free
  3. Have a high accuracy
  4. Should be able to measure all Spirometry variable including F/V loop
  5. Run from the USB port of any PC with facilities to store data
  6. Meets ATS/ ERS Criteria
  7. Bio calibration check feature.
  8. Ready to use GDT interfacing possibility
  9. Inspiratory and expiratory real- time curve should be there.
  10. Should not be influenced of humidity, barometric pressure, contamination
  11. No cleaning, no maintenance needed
  12. High accuracy for low flows (Resistance free measurements)
  13. Life time free software up gradation
  14. A carrying case should be provided.
  15. The system should be with the following compulsory accessories/goods
    - a. Nose Clips – 25 Nos.
    - b. Mouth Pieces – 8000 each
  16. Should have predicted equation for Indian adult and paediatric population
  17. Should be FDA approval
  18. Laptop with i5 processor, 2 GB RAM, 500GB Hard drive and 14" TFT, with pre-loaded windows and MS Office and Acrobat and reader for PDF files.
  19. Colour printer
  20. Should be light weight, compact and easy to carry
  21. Should work for battery as well as mains
  22. Volume range of spirometer should be upto 12 litres
  23. Should have software for data management, transfer and interpretation
- D /
- V /



Tel : 044 - 23664761/62/63  
Fax : 044 - 23664764  
email: sales@jkmedical.co.in  
www.jkmedical.co.in

Date: 06.08.2016

**To Whomever it may Concern;**

We JK Medical Systems Pvt Ltd, Chennai are exclusive business partner of NDD products in India, Nepal, Bangladesh and Srilanka market. We hereby confirm that NDD Easy On PC Spirometer are with ultrasonic flow sensor technology and NDD are the sole manufacturer of these devices across the globe and not available with any other companies. Hence Easy On PC are considering as proprietary item.

We being the exclusive distributor for NDD will be solely responsible for after sales service in India.

Thanking you,

**For JK Medical Systems Pvt Ltd**

**R Sahoo  
Director**



**JK Medical Systems Private Limited**

Reg. Office: No.1068, Munusamy Salai, West KK Nagar, Chennai - 600 078, India.

Factory address: Plot No.18, VGP Industrial Complex, Mevalurkuppam 'B' Village, Chettipedu-602 105. Kanchipuram District.

Our Branches : Ahmedabad, Bhubaneswar, Bangalore, Cochin, Coimbatore, Hyderabad, Kolkata, Mumbai, New Delhi