

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

Ref. No.20/Stores/Surg./SK /2016-17/RS

Dated: 19.09.2016

**Subject:** Purchase of PFT Machine., for the Department of Surgery (JPNATC), AIIMS, New Delhi-29 on proprietary basis- Inviting comments thereon.

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The request has been received from Dr. Subodh Kumar, Deptt. of Surgery (JPNATC), AIIMS to purchase the subject item from M/s. FIM Medical, France on proprietary basis. The proposal submitted by M/s Hintek Electronics Pvt. Ltd. (mfg. by M/s. FIM Medical, France), 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. 20/Stores/Surg./SK/2016-17/RS**. The comments should be received by office of Stores Officer (RS), Research Section at AIIMS on or before **03/10/2016 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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subject statement of account.  
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## PFT MACHINE

### TECHNICAL SPECIFICATIONS

1. Should provide the following test
  - a. Vital capacity
  - b. Slow vital capacity
  - c. Maximum voluntary ventilation
  - d. Respiratory pattern
  - e. Post medication test
2. System should be Light weight, portable Spiro meter
3. System should have automatic calibration functions
4. Should provide with necessary equipment to perform quality control check (calibrating tool)
5. The system should provide quick and easy decontamination between patient testing
6. Should have safety certificate from a competent authority CE / FDA (US) / STQC CB certificate / STQC S certificate or valid detailed electrical and functional safety test report from ERTL. Copy of the certificate / test report shall be produced along with the technical bid.
7. Should have a facility to use adult and pediatric patient
8. No separate power supply should required for the Spiro meter system
9. Should provide 3 year replacement warranty for Spiro meter
10. Should be supplied with a PC of following configuration.
  - a. Pentium core 2 duo 2.53Ghz processor.
  - b. Intel G31 motherboard.
  - c. Minimum 160 GB SATA hard disk
  - d. Minimum 2GB DDR II RAM
  - e. DVD writer
  - f. Integrated graphics card
  - g. Gigabit Ethernet card
  - h. 17" Color TFT monitor
  - i. Color Laser printer
  - j. Keyboard and Optical mouse with pad
11. Pre loaded original windows version, latest anti virus for 2 years, provided with license and CD
12. Patient data base must be easily accessed

13. The system software should provide full disclosures of all patient test effort and data in textual and graphical format
14. The supply should include complete computer interfacing package, cables, trolley, PFT software, user manual and standard accessories including 200 nos. each of adult and pediatric disposable adapter.
15. Should work with input 200 to 240Vac 50 Hz supply.

To Whom It May Concern

Proprietary Certificate

09<sup>th</sup> June 2016

Dear Sir,

We herewith confirm that **Spirolyser Q13®** device is exclusively designed, engineered and manufactured by **FIM Medical, France** in its own production sites in France and there is no other manufacturer of similar technology in the world. **FIM Medical** developed a patent for the single-used Fleisch sensor (Qflow).

We also confirm that **FIM Medical, France** is the sole owner and producer for **Spirolyser Q13®**.

Yours Sincerely,

**FIM MEDICAL, France**

