



Government of West Bengal
Office of the Director
Institute of Post Graduate Medical Education and Research
& SSKM Hospital
Centre of Excellence
244, AJC Bose Road, Kolkata-700020

Memo No: Inst./

Dated.....

QUOTATION NOTICE

Sealed QUOTATIONS are invited from the reputed Companies/ Direct Importers/ Authorized Distributors/Traders for supply of the following items as mentioned below for Department of Physiology, IPGME&R, Kolkata-20.

Quotation will be done in two bid system:

1. **Technical BID** – It shall include documents as stated under the Essential Documents heading.
2. **Financial BID** – It shall include the rate of the mentioned item below in the figure and in words excluding GST.

The last date of submission of quotation is on 26/06/2025 and the same will be opened on 30/06/2025 at 11:00 A.M. in the presence of interested bidders, if any. The bidders will submit the quotation on their own official pad along with the following –

Essential Documents:-

1. Valid Trade License
2. PAN Card of the Bidder/ Bidder Company
3. GST Registration Certificate
4. Compliance of Specification (in Office Letter head)

All the technically qualified bidders (to be notified later) should undergo demonstration in front of **HOD, Department of Physiology, IPGME&R, Kolkata-20** before the opening of Financial BID.

The quotation is to be submitted in the drop box which will be kept at the office chamber of the undersigned on all working days from 19/06/2025 to 26/06/2025 up to 2:00 p.m.

The undersigned reserves the right to accept or cancel the whole procedure at any time without showing any reason.

1. Rate should be quoted (Figures and Words) & free delivery to the IPGME&R Store of IPGME&R and SSKM Hospital. Offer rate valid for 365 days.
2. If the schedule item is approved by C.M.S in that case purchase will be made from C.M.S approved firm.

Sl. No.	Name of Item	Specification	Rate per pc (Excluding GST) (Rs.)
1	Spirometer with Flowmeter of Pneumotach	Annexure – I (Attached herewith)	

Sd/-
Director
IPGME&R, Kolkata – 20

Memo No. Inst./4198/1(4)

Dated: 19/06/2025

Copy forwarded for information & necessary action to:

1. MSVP, IPGME&R – SSKM Hospital, Kolkata.
2. Atal Saha, Asstt. Superintendent, IPGME&R-SSKM Hospital for uploading in the IPGME&R website and WB HEALTH website.
3. NOTICE BOARD, IPGME&R, Kolkata-700020.
4. Office Copy.

19/06/25
Director
IPGME&R, Kolkata – 20

Technical specification of Spirometer with Flowmeter of Pneumotach (14 l/s or more with accuracy 3 %) (EasyOne AIR- Ultrasonic Flow Sensor)	
Sl. No.	Specification
1.	Conformity to Standards American Thoracic society (ATS)/ European Respiratory Society (ERS) standards
2.	Conformity to Safety and Quality Standards : USFDA
3.	FEV1, FEF50, FIF 50, FEF75, MVV, FET & MTT), SVC, Maximum ventilation volume (MVV) inspiratory capacity, Expiratory Reserve volume.
4.	Should have Pre & Post Broncho dilatation Comparison.
5.	Broncho provocation test is needed.
6.	Flowmeter: Pneumotach (14 l/s or more with accuracy 3 %).
7.	Level of Resistance should be less than 1.5 cm H ₂ O/L/sec.
8.	Parameters should be measured with highest accuracy & reproducibility and should not be affected with high surrounding temperature and humidity levels.
9.	Should have Electronic Barometer & temperature sensors, for Automatic BTPS correction.
10.	Overlaying of previous test curves for comparison.
11.	Should have Real Time Flow Volume and Volume - time Time Traces on Computer screen.
12.	Capability to select and modify / add predicted equations.
13.	3-litre precision calibration syringe, standard accessories and manual is compulsory.
14.	Facility to interface for desktop/laptop computer is mandatory.
15.	System Should be supplied with Computer Interfacing package, Cables, Software should be supplied.
16.	3-Litre Precision Calibration Syringe, Standard accessories & Manual should be supplied.
17.	Availability of Disposable Mouthpieces : 500 Nos.
18.	Availability of Pulmonary Filters (100 Nos) with machine
19.	Spare Pneumotach screens supplied : 1 No.
20.	Availability of Nose clips 20 nos and Thermal paper roll-20 nos
21.	Should have a digital display of all graphs and parameters and an alphanumeric keypad
22.	Overall dimensions in mm x mm x mm: 87X155X36
23.	Weight: 0.356kg
24.	Instruction Manuals: 3 set.
25.	Warranty : 3 Years.
26.	Should have test report from central govt/ NABL/ILAC accredited lab covering all parameters.
27.	Printing options - Direct to printer or with Easy One connect.
28.	Data Management - Easy One Connect HL7, XML, GDT with software.
29.	Data links - USB, Bluetooth up to 10000 tests
30.	Age range - Spirometry > 4 years.
31.	Dimensions - 87x155x36mm (HxBxT) 356g.
32.	Device Classifications - Type BF applied part.
33.	Operating Conditions - Temp 0-40 degree C Rel. Humidity 5-90% Atmosph. Pressure 700-1060hPa.
34.	Power supply - 5VDC, Standby 0.3W.
35.	Exchangeable, 3.6 VDC

Yours sincerely,

Prof. (Dr.) Arnab Sengupta

Professor and Head

Department of Physiology

Professor & Head

Department Of Physiology

IPGME&R, Kolkata