



Date: -14th July, 2017

Corrigendum
For
Tender for
Impulse Oscillometry Spirometer for the Department
of Pediatrics

NIT Issue Date	: 11 th May, 2017
NIT No.	: Admn/Tender/109/2017-AIIMS.JDH
Pre-Bid Meeting	: 23 rd May, 2017 at 03:30 PM
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Bid opening	: 02 nd August, 2017 at 03:30 P.M

The following revised and additional specification will be added:-

- 1. Page No. 01:**
For
Impulse Oscillometry Spirometer
Read
Impulse Oscillometer Spirometer or Forced Oscillometer Spirometer
- 2. Page No. 02, In Chapter-I, Item Description:**
For
Impulse Oscillometry Spirometer
Read
Impulse Oscillometer Spirometer or Forced Oscillometer Spirometer
- 3. Page No. 02 to 15, In In Header:**
For
Impulse Oscillometry Spirometer
Read
Impulse Oscillometer Spirometer or Forced Oscillometer Spirometer
- 4. Page No. 10, In In Technical Specification, In S.No:**
For
Impulse Oscillometry Spirometer
Read
Impulse Oscillometer Spirometer or Forced Oscillometer Spirometer

5. Page No. 11, Annexure I, Point No. 1. Operational Requirement, sub-point 1.2

For

The system should be an economically oriented lung function measuring system for the determination of the static and dynamic lung volumes using the classical FRC-**Helium rebreathing and the Diffusion Capacity by using the single Breath technique**. It should also be possible to measure Diffusion Capacity (DLCO) by the Rebreathing/ Intra-breath technique for patients with distribution impairments of the lungs, to minimize patient co-operation

Read

The system should be an economically oriented lung function measuring system for the determination of the static and dynamic lung volumes using the classical FRC- **Single breathing/Intra-breath just like DLCO**. It should also be possible to measure Diffusion Capacity (DLCO) by the Rebreathing/ Intra-breath technique for patients with distribution impairments of the lungs, to minimize patient co-operation.

6. Page No. 11, Annexure I, Point No. 2. Technical specification, sub-point 2.1. The system should measure the following, Paragraph b.

For

b) Lung sub volumes - Functional Residual Capacity (FRC) Residual Volume (RV). Total lung capacity (TLC) by **FRC-Helium multiple breath technique**.

Read

b) Lung sub volumes - Functional Residual Capacity (FRC) Residual Volume (RV). Total lung capacity (TLC) by **FRC-Single breath/Intra-breath technique**.

7. Page No. 11, Annexure I, Point No. 2. Technical specification, sub-point 2.1. The system should measure the following, Paragraph c.

For

c) Diffusion capacity of the lung, by single breath technique.

Read

c) Diffusion capacity of the lung, by single breath/**Intra-breath** technique.

8. Page No. 11, Annexure I, Point No. 2. Technical specification, sub-point 2.1. The system should measure the following, Paragraph e.

For

e) Respiratory impedance & small airway obstruction by Impulse Oscillometer requiring minimal patient co-operation

Read

e) Respiratory impedance & small airway obstruction by Impulse Oscillometer **or Forced Oscillometer** requiring minimal patient co-operation

9. Page No. 11, Annexure I, Point No. 2. Technical specification, sub-point 2.2. The system should measure the following parameter, Paragraph c

For

c) Diffusion capacity of the lungs: DLCO-SB, **DLCO-RB**

Read

c) Diffusion capacity of the lungs: DLCO-SB

10. Page No. 11, Annexure I, Point No. 2. Technical specification, sub-point 2.3.

For

2.3 The system should have an easy to exchange, bidirectional heated Pneumotach with the following specifications

Read

2.3 The system should have an easy to exchange, bidirectional heated Pneumotach **or Ultrasonic sensor** with the following specifications

11. Page No. 11, Annexure I, Point No. 2. Technical specification, sub-point 2.4.

For

2.4) The system should have carbon monoxide analyzer, He analyzer and O2 Analyzer or any other suitable gas analyzer with the following specifications

Read

2.4) The system should have carbon monoxide analyzer, He analyzer and **possibly** O2 Analyzer or any other suitable gas analyzer with the following specifications.

12. Page No. 12, Annexure I, Point No. 2. Technical specification, sub-point 2.4, paragraph a

For

Carbon monoxide analyzer

Range-Should be from 0 to 0.4%

Resolution/Accuracy should be **0.0002%/0.0003%**

Reproducibility should be **0.0006%**

Read

Carbon monoxide analyzer

Range-Should be from 0 to 0.4%

Resolution/Accuracy should be **0.001%/0.0015%**

Reproducibility should be **0.01%**

13. Page No. 12, Annexure I, Point No. 2. Technical specification, sub-point 2.4, paragraph b

For

b) He analyzer:

Range – Should be 0 to 9.5%

Read

b) He analyzer:

Range – Should be **0 to 20%**

14. Page No. 12, Annexure I, Point No. 2. Technical specification, sub-point 2.4, paragraph c

For

O2 analyzer:

Read

O2 analyzer: **Optional if required**

15. Page No. 12, Annexure I, Point No. 2. Technical specification, sub-point 2.6

For

2.6) The computer system should have the following specification:

Latest Pentium processor, 8GB RAM, 19” LCD Monitor with inbuilt Speakers, wireless keyboard and mouse, 01 TB HDD, Dual layer DVD writer based on latest Window Software, Color laser printer & 1.5 KVA UPS with battery backup of at least 15 minutes

Read

2.6) The computer system should have the following specification:

Latest Pentium processor, 8GB RAM, 19” LCD Monitor with **possibly** inbuilt Speakers, wireless keyboard and mouse, 01 TB HDD, Dual layer DVD writer based on latest Window Software, Color laser printer & **1.0 KVA UPS** with battery backup of at least 15 minutes

16. Page No. 13. Annexure I, Point No. 6. Standards, Safety and Training, After Point No. 7.6:

Added Point No. 7.7

6.7 Should be working with the same Principal company for last 5 year