

**CORRIGENDUM**

No. 2(38)/SAI/ES/Physiology/2019-20/IFB-061

Dated: 19.03.2020

**SUB: Procurement of Physiology Equipment for NCOEs.**

With reference to the IFB -061 clarification (in terms of technical specification of with documents (Section -IV ) on points discussed during pre-bid meeting held on 03.03.2020 are as follows:-

Item No.	Description of Item/Article	Existing	Amended
1	Portable Computerized breath by breath metabolic gas analyser with Treadmill, Bicycle ergometer.	<p>2) Mixing Chamber (Internal or external) for Resting Metabolic Rate (Optional).</p> <p>4) Sensor/Transducer:</p> <p>1). CO2 Type: Non Dispersive Infra-red / Thermal Conductivity. Accuracy: 0.02%</p> <p>2). O2 Type Electro-chemical Cell Accuracy: 0.02%</p> <p>8) Flow meter: Bi-directional digital Turbine/ Triple V Vplume Transducer; Flow Range: 0.08 to 20 L/s</p> <p>15) Training on equipment at the site of installation.</p> <p>16) European CE certified or US FDA or both.</p>	<p>Point 2:- Mixing Chamber (Internal or external) for resting metabolic rate (optional).</p> <p>Point 4:- Sensor/Transducer:</p> <p>1). CO2 Type: Non Dispersive Infra-red / Thermal Conductivity. Accuracy: 0.1%</p> <p>2). O2 Type Electro-chemical Cell Accuracy: 0.1%</p> <p>Point 8:- A Flow meter: Bidirectional digital highly precise sensor (turbine, triple V volume transducer, DVT turbine, Pitot tube) Flow range: 1 to 10 L/s.</p> <p>Point 15:- Training on equipment at one centralized place in SAI.</p> <p>Point 16:- European CE Certified/US FDA. However, vendors need to submit research article published in International journals regarding validation on the accuracy, stability and reliability of the device in comparison Douglas bag measurements.</p>

		Point 17) Bidders should give a demonstration of the quoted system at centers.  <b>Programmable treadmill &amp; Programmable Ergometer</b>  Point 9) Workload range 6-1000W	<b>Pont 17:- Deleted</b>  <b>Point 9:- Workload range 6-999W</b>
4.	Desktop lactate.	Point 2) response time: Approx. 10 s  Point 7) sample volume: Approx. 6 $\mu$ l	<b>Point 2:- Response time not more than 20 s</b>  <b>Point 7:- Sample Volume not more than 20 <math>\mu</math>l</b>

- Portable lactate analyzer:- cost should include consumable for 3 years for 2000 samples

2. All other terms & condition of the IFB will remain unaltered

*Sarah*  
19/3/2020

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