



# अखिल भारतीय आयुर्वेद संस्थान

## ALL INDIA INSTITUTE OF AYURVEDA (AIIA)

(आयुष मंत्रालय, भारत सरकार के अंतर्गत स्वायत्त संस्थान)  
(An Autonomous Organization under the Ministry of AYUSH, Govt. of India)

F. No. M-15/18/2021-AIIA

Date: November 2021

### ADDENDUM/CORRIGENDUM

Tender Ref No. M-15/18/2021-AIIA

#### Title: Tender Documents for Supply, Installation, Testing and Commissioning of Autonomic Function Testing System

With reference to the tender of even no. having **Tender ID 2021\_AIIA\_628600\_1** floated on 13<sup>th</sup> October 2021 for the procurement of Autonomic Function Testing System, it is hereby informed to all concerned that following amendments have been issued in respect to the above-mentioned NIT and Tender document:

Sl. No.	Page No. Clause No.	Current Clause	Revised Clause
1.	Tender Document Page No 21-23	<b>Point No.9</b> It should have various automatic analysis modules for ECG, HRV, Non-invasive Cardiac output (NICO) baroreflex sensitivity, Waveform Peak Analysis, Spike histogram, Pulse Transit time analysis	It should have various automatic analysis modules for ECG, HRV, Non-invasive Cardiac output (NICO) baroreflex sensitivity, Waveform Peak Analysis, Spike histogram, Pulse Transit time analysis and blood pressure variability.
2.	Tender Document Page No 21-23	<b>Point no. 10</b> Facility for ECG leads (I, II, III, aVL, aVF, aVR etc) with real time cardiac axis and vector analysis and GSR.	Should have Essential Facility for ECG multi-leads (I, II, III, aVL, aVF, aVR etc) recording and GSR and desirable with real time cardiac axis and vector analysis.
3.	Tender Document Page No 21-23	<b>Point No.11</b> The system should be provided with Non-invasive beat to beat blood pressure monitor with the following specifications: <ul style="list-style-type: none"> <li>Should have a recording range of at least 60 to 250 mm Hg for systolic BP and 40 to 200 mm Hg for diastolic, Mean BP, Heart rate, Cardiac Output, Stroke Volume, Total Peripheral Resistance, Baro-reflex sensitivity etc</li> <li>Accuracy should confine with in an error limit of 4-6 mmHg.</li> <li>Should be working on the principle of volume clamp (Penaz technique) using reusable finger cuffs.</li> <li>Should have provision to switch between 2 finger cuffs for pressure recording to reduce subject discomfort of long- term recordings.</li> <li>Should have the provision to manually switch off the calibration process to record continuous un-interrupted blood pressure signal at least for a duration of 5 minutes or for a user defined customizable duration.</li> </ul>	The system should be provided with Non-invasive beat to beat blood pressure monitor with the following specifications: <ul style="list-style-type: none"> <li>Should have a recording range of at least 60 to 250 mm Hg for systolic BP and 40 to 200 mm Hg for diastolic, Mean BP, Heart rate, Cardiac Output, Stroke Volume, Total Peripheral Resistance, Baro-reflex sensitivity etc</li> <li>Accuracy should confine with in an error limit of 4-6 mmHg.</li> <li>Should be working on the principle of volume clamp (Penaz technique) using reusable finger cuffs.</li> <li>Should have provision to switch between 2 finger cuffs for pressure recording to reduce subject discomfort of long- term recordings.</li> <li>Should have the provision to manually switch off the calibration process to record continuous un-interrupted blood pressure signal at least for a duration of 5 minutes or</li> </ul>

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Sl. No.	Page No. Clause No.	Current Clause	Revised Clause
		<ul style="list-style-type: none"> <li>Should have height correction unit which automatically corrects for hydrostatic pressure changes due to movement in hand position relative to heart</li> <li>Reusable Finger cuffs of 3 different sizes (Small, Medium, Large) (Qty 10 each)</li> </ul>	<ul style="list-style-type: none"> <li>for a user defined customizable duration.</li> <li>Should have height correction unit which automatically corrects the changes in the data recording and reading due to movement in hand position relative to heart</li> <li>Reusable Finger cuffs of 3 different sizes (Small, Medium, Large) (Qty 2 each at the time of supplying the instrument. However, the price maybe separately quoted for spares, which will be freeze for the warranty period of 5 years followed by AMC- CMC period of other 5 years, as and when required)</li> </ul>
4.	Tender Document Page No 21-23	<b>Point No.21</b> Balance board for recording sway and balance parameters along with the vital parameters to provide Area and distraction of sway, Distance and direction travelled by Centre of force, Variability in Distance travelled by COF, Weight-bearing percentage (left/right, fore/rear foot) etc. The sway data to be recorded simultaneously with the blood pressure data in the same software	Wireless/wired four sensor-based balance board for body sway analysis to be recorded with the blood pressure data in the same software for easy interpretation and analysis

Further, it is also to inform that bid submission end date has been extended for eight days i.e. 11<sup>th</sup> November 2021.

Consequently, above mentioned corrigendum/addendums become the integral part of the tender document, rest of the contents remains same.

**(Dr. Umesh Tagade)**  
**Joint Director**