



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. G-19004/10/2/AIIA-2020-08

Dated 17.02.2021

ADDENDUM/CORRIGENDUM

Tender Ref No G-19004/10/2/AIIA-2020/ Autonomic Function Testing System Complete Set up

dated: 10/02/2021

Title: Tender Documents for Supply, Installation, Testing and Commissioning of Autonomic Function Testing System Complete Set up for DEPT. OF KRIYA SHARIRA AIIA-DELHI

The below Mentioned Amendments has been issued in Above mentioned NIT and Tender Documents.

S No	Page No Clause No	Current Clause	Revised Clause.
1	Tender Document Page No 20, Pt. No. 1	Should be, multimodal wireless, lightweight, Portable & easy to carry with basic system should be sixteen channel multimodal systems with Ethernet/USB connectivity	Should be wired, lightweight, Portable & easy to carry with basic system should be sixteen channel systems.
2	Tender Document Page No 20, Pt. No. 2	Same sixteen channel multimodal system should monitor signals such as ECG, HR, HRV, respiration, EEG, EOG, EGG, cardiac output, and heel and toe pressure measurement	Same sixteen channel system should monitor signals such as ECG, HR, HRV, respiration, EEG, EOG, EGG and cardiac output
3	Tender Document Page No 20, Pt. No. 3	It should have the capability for wireless recording of ECG, HR, HRV, respiration, four muscles EMG, Pulse, GSR, EEG, EOG, cardiac output, heel & toe pressure, Skin and Nasal temperature	It should have the capability for recording of 16 channel ECG, HR, HRV, respiration, 4 muscles EMG, Pulse, GSR, EEG, EOG, cardiac output, Skin and Nasal temperature. It should have the Autonomic function testing like Valsalva test, Deep breathing test, head up tilt table test, Temp Sensitivity test etc
4	Tender Document Page No 20, Pt. No. 4	It should have various automatic analysis modules for ECG, HRV, impedance cardiography, baroreflex sensitivity, Waveform Peak Analysis, classification and detection of heart beats, cardiac complex boundaries etc.	It should have various automatic analysis modules for ECG, HRV, Non invasive Cardiac output (NICO) baroreflex sensitivity, Waveform Peak Analysis, classification and detection of heart beats, cardiac complex boundaries etc.
5	Tender Document Page No 20, Pt. No. 5	Same sixteen channel multimodal system should be upgradable to add various other parameters like non-invasive beat to beat blood pressure, and gait analysis in future, whenever required	The system should be provided with Non-invasive beat to beat blood pressure monitor with the following specifications: a. Should have a recording range of at least 60 to 250 mm Hg for systolic BP and 40 to 200 mm Hg for diastolic BP. b. Accuracy should confine with in an error limit of 4-6 mmHg. c. Should be working on the principle of volume clamp (Penaz technique) using reusable finger cuffs

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			d. Should have provision to switch between 2 finger cuffs for pressure recording to reduce subject discomfort of long-term recording e. 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. f. Should have facility for Height Correction to account for the level difference between recording site and heart g. Each Pair Finger cuffs of 3 different sizes (Small, Medium. Large) to be provided in quantity of 100 The system should be provided with Tonometer having following specifications: a. Working principle of applanation tonometry b. Dimensions and design conducive for hand-held applications c. Pressure sensor of high frequency response for accurate reproduction of arterial pressure waveforms d. Response time should be low enough to accurately detect fluctuations in pulse arrival time as small as 2 ms referenced to simultaneously recorded ECG signal e. Compatibility with main data acquisition unit for real time display, recording and analysis
6	Tender Document Page No 20, Pt. No. 6	System should be provided with 1000 cloth based, and paired electrodes (600pcs), stress test electrodes (1000pcs)	System should be provided with 1000 disposable electrodes for ECG, EMG, EGG & EOG and 50 Reusable EEG electrodes

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		electrodes for both curved and flexible muscles, cardiography and cardiogram.	
7	Tender Document Page No 20, Pt. No. 7	Should have minimum ten feet transmitting range in real time data transmission to the multimodal system and capable of video synchronization with the above parameters.	This point is to be deleted
8	Tender Document Page No 20, Pt. No. 11	Computer system with 1TB internal hard disc storage capacity and accessories	Computer system with a. 24 inch full HD LED/LCD monitor display b. CPU with Intel i7 processor, 8 GB RAM and 2 TB SATA hard drive c. Working on operating system Windows 7 Professional or later d. Optical drive e. with original windows 10 OS and antivirus and f. laser printer (Color & monochrome)
9	Tender Document Page No 20, Pt. No. 12	Imported Motorized Electric Tilt Table should come along with system	Imported Motorized Electric Tilt Table (0-90deg) and should come along with system having the following specifications: a. Safe working load and lifting capacity (from minimum height) of 180kgs b. Large wheel design, with central locking & steering facility c. Individual braking castors with Electric height and tilting operation with hand switch. control and Tilt angle inclinometer as standard. d. Adjustable angle dual foot boards - positive and negative (+15 to -30 degrees) e. Faster motors which is capable to tilt a patient from 15-22seconds. f. Lowers to wheelchair height for ease of patient transfer (59cm-109cm) g. In built-Battery Backup to bring the patient down in case of power failure or emergency spring. h. The handset/digital display should gives live feedback of the angle of tilt and height of the table as it is adjusted.

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Therefore, all the concerned are hereby informed that tender no Tender Ref No G-19004/10/2/AIIA-2020/ Autonomic Function Testing System Complete Set up having ID. 2021_AIIA_588846_1 floated on 10/02/2021 for the procurement of Autonomic Function Testing System Complete Set up are given the above amendments. Due to amendments in Specifications mentioned in tender document.

Hence date of submission & opening bid is now 24/02/2021 at 1500 & 1530 respectively. This is in place of date and time mentioned in NIT/Tender document dated 10/02/2021.

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

N.K. Bhojani

(Joint Director)