

Notice Inviting e-Tender
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PROCUREMENT OF BRAINSTEM EVOKED RESPONSE AUDIOMETRY (BERA) MACHINES TO BE USED UNDER NATIONAL PROGRAM FOR PREVENTION & CONTROL OF DEAFNESS (NPPCD)

(Submission of Bid through online)

Bid Reference No.: WBMSCL /NIT-249/2020

Dated -29.12.2020

The following amendments have been made in the tender document. The changes are highlighted below in yellow colour,

Amendment-I

Revised Technical Specifications of Brainstem Evoked Response Audiometry

- BERA, MLR, LLR & P300, Tests;
- Bone conduction BERA;
- Left / Right comparison on single screen;
- Recording of up to 16 waves;
- Manual / Auto Jewett-Marks on waveforms;
- Programmable user defined intensities settings;
- Latency Intensity Graph;
- PC Laptop compatible;
- A4 size standard Inkjet colour Printers

BERA Machine:

- Channels: 2
- Sensitivity: Should be 95% or more
- Lowcut: 2 pole (12dB/Octave) filter. Selectable at 100, 200, 500Hz;
1, 2, 3,5,10 kHz
- Highcut: Selectable at 0.2, 2, 20, 30, 100, 200, 500 Hz
- Sweep speeds: Up to 1000 ms/div
- CMRR: >100 dB

- Input Impedance: >100 M Ohms (common mode)
- A/D Converter: 16 bit analog-digital conversion

Auditory Stimulator

- Stimulator: Headphone & insert phone
- Stimulus: Click (Rare, Comp., Alt), Pips
- Frequency: 4000 Hz and more
- Intensity: 0-110 dB nHL (30-135 dB SPL)
- Presentation: Left, Right or both ears
- Click duration: 100 μ s square wave clicks. Rarefaction, condensation or alternating Polarity.
- Envelopes: Linear, Gaussian, Black man, Hanning
- Masking: White noise contra lateral masking from 0 dB to 80 dB nHL (30-110 dB SPL)
- Rate: User definable

Minimum Computer Configuration

- OS : Windows XP Pro / Windows 7 Professional 32;
- Processor : Core2Duo or higher;
- RAM : 2 GB or higher;
- 500 GB Hard disk or higher, CD/DVD Optical Drive, Screen Resolution 1024x768 or higher

BERA Chart

- Two tier, heavy duty cart made or pre-laminated 18 mm thick board with;
- Castors having locking arrangement;
- One pull out shelf for computer keyboard;
- Bottom shelves for printer, PC tower;
- Mounting bracket for flexible arm.

Certification: Particular model of BERA machine intends to quote should have European CE or US FDA certificates.