

JAMIA HAMDARD
HAMDARD NAGAR, NEW DELHI-110062
SHORT TERM QUOTATION NOTICE

The Medical Superintendent HAH Hospital, New Delhi invites sealed items rate quotation/ tender from experienced & registered agencies for the below work. The quotation /tender document can be down load from Jamia Hamdard University Website (www.himsr.org). Closed quotation should be submitted in the Medical Superintendent office on or before 19/04/2017 till 4.00 pm. Company's authorized persons are requested to come to the Office of the medical Superintendent for the negotiation on 20.04.2017 at 2.00 p.m, after satisfying themselves eligible for the work as per quotation term & condition.

NAME OF EQUIPMENT: Audiometer

Specification Required

DIMENSION AND WEIGHT:

- L×W×H: 370×290×180mm
- Net weight:3.5 kg
- Body material: Bayblend® self-extinguishing

TEST TYPES:

- Pure Tone test Autoithreshold, ABLB, SpeechTest, Stenger*, DLI*, SISI*, Bekesy*, Tone Decay*,
MLB*,Multifrequency*, High frequency* *R37A only

DISPLAY:

- 7" TFT Color display

USER INTERFACE:

- Multilingual

PRINT REPORTS:

- Printed on normal A4 sheet
- Printed on thermal printer

- Pdf report create directly from the device and stored on USB Pen drive with possibility to add patient data and tests comment Via the USB keyboard (optional)
- Data transfer to PC using Resonance Management Data Suite

DATA TRANSFER TO PC:

- Via cable trough USB port
- Bluetooth (optional & advantage)

WINDOWS® COMPATIBLE SOFTWARE:

- Resonance MDS Management Data Suite

POWER SUPPLY:

- 110-240V AC 50/60Hz 40VA

CONSUMPTION:

- Max current: 0,15A
- Power consumption: 40VA

ENVIRONMENTAL TEMPERATURE

- Storage: -20° C up to +50° C
- Operating: +15° C up to +35° C
- Humidity: up to 90%, (non condensing)
- Ambient pressure: from 700hPa up to 1060hPa

AUDIOMETRY OPERATING SPECIFICATION RANGE

- Frequency range:

125-8000 Hz (R27A and R37A with TDH39)

125-12500 Hz (with HDA280)

125-20000 Hz (R37A-HF)

ACCURACY

- Frequency < 0,5%

- Distorting < 1%
- Attenuator Linearity 1dB per 5dB step, max 3dB Whole range
- Range stimuli level -10 up to 120dB HL

TYPE OF SIGNALS

- Pure tone: sine wave 125 to 8Khz signal (to 12,5For HAD280 phones)
- Warble: +/-5% frequency sine wave modulated, Modulation: sine wave 5Hz
- Narrow band noise: 24dB/ oct filtered noise
- Speech noise: 1 kh 12dB/oct filtered noise
- White noise
- External signal
- External mike
- Speech material recorded on SD card
- MHA: 1 kHz 6, 12,18,24dB High pass filters
- On/off rise – fall time: 40msec

OUTPUT TRANSDUCERS

- ACR, ACL: 10ohm TDH39 matched pair earphone,(alternatively HDA280 Sennheiser,ER3A Eartone)
- BC: BC71 Radioear
- INSERT: Zenith Y5R- Soundlink
- Free field output: 60 ohm impedance
- Monitor phone: headset with boom microphone

STIMULUS PRESENTATION MODALITY

- Presentation: Normal, Reverse, Extended (present

Tone for 1 second from 20dB below the maximum level)

- Modality: Continuous, pulsed (rate 0,5;1 nad 2Hz), Alternated (ABLB and MLB -0,5,1 and 2 Hz)

- DLI increment levels:0.25,0.5,0.75,1,1.5,2,3,4,5 dB
- DLI increment recurrence rates:0.5Hz, 1Hz 2Hz
- SISI increment recurrence rates: 0.2Hz, 0.5Hz,

Random. Time on 300ms

- SISI increment level:0.25,0.5,0.75,1,1.5,2,3,4,5 dB
- Bekesy: mode sweep and fixed; Continuous, Pulsed and LOT; exam duration 30sec and 60sec.

QUALITY SYSTEM

- Manufactured, designed, developed and marketed

Under an ISO 13485, ISO 9001 certified quality system.

(Notified certification body:DNV).

Medical CE mark.

COMPLIANCE/REGULATORY STANDARDS

SHOULD MEET THE EUROPEAN AND INTERNATIONAL STANDARDS:

- Should be US FDA and European CE, approved product.
- Electrical safety conforms to standards for electrical safety IEC-60601-1 General requirements and IEC-60601-2-25 Safety of Electrocardiograms. (OR EQUIVALENT BIS Standard)MDD 93/42/EEC and update 2007/47/CCE: Class Ila

STANDARD ACCESSORIES

- TDH39, ADC or HDA280 headset for audiometry testing B71 bone conductor
- Insert-Transducer (for bone conductor and contralateral Reflex masking)
- Operator headset with microphone and speaker (talk over and monitor)
- Patient microphone (talk back)
- Patient response pushbutton
- Built-in fast thermal printer
- 1 roll of thermal paper

- Power supply cable (110-220V)
- 1 spare fuse
- Devise dust cover
- Multilingual Quick User's Handbook
- Pen-drive
- SD-card with Multilanguage speech material
- Resonance® MDS Software (DEMO version)
- USB external keyboard
- Goose-neck microphone
- Carrying bag
- EAR3-A Insert earphones
- Silent cabin cables
- Free field loudspeaker
- NoAH® module .

WARRANTY

- It should be minimum 3 year extended up to 5 years

OTHER REQUIRED DETAILS INCLUDED IN THE CLOSED QUOTE

- Detailed specification along with brochure
- User list & satisfactory performance certificate from the other institutions of the quoted machine
- All approved certification of the machine

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Medical Superintendent