

Advertised Tender Enquiry

For

1.EEG System

2.Invasive Mechanical Ventilator

at

Jawaharlal Nehru Medical College Hospital
AMU, Aligarh.

NIT Issue Date	:	06-07-2018
NIT No.	:	JNMCH/Medicine/06/2018-19
Pre-Bid Meeting	:	17-07-2018 at 12:00 Noon
Last Date of Submission	:	07-08-2018 at 01:00 PM
Bid Opening	:	08-08-2018 at 01:00PM

Tender documents may be downloaded from university website www.amu.ac.in



Aligarh Muslim University Aligarh

Office of the Medical Superintendent

JN Medical College Hospital

AMU Aligarh 202002

email: jnmedicalpurchase@gmail.com


Medical Superintendent
J.N. Medical College Hospital
A.M.U. Aligarh

Tender for Medicine Equipment

Jawaharlal Nehru Medical College Hospital, AMU, Aligarh invites bids (**Technical & Financial**) from reputed, experienced and financially sound Companies/Firms/Agencies for the supply & installation of the **EEG System & Invasive Mechanical Ventilator** to the J.N. Medical College Hospital, AMU, Aligarh. Those who are in the similar business for the last five years and providing the same service to Central/State Govt./Reputed Private Hospitals or Autonomous Bodies may send their bids both Technical & Commercial in sealed envelopes.

The interested Companies/Firms/Agencies may send their bid complete in all respect along with Earnest Money Deposit (EMD) as mentioned below for each item separately in the form of Demand Draft/Bank Guarantee issued in favour of Finance Officer, AMU, Aligarh, drawn on any scheduled bank payable at AMU, Aligarh and other requisite documents to Medical Superintendent, J.N. Medical College Hospital, AMU, Aligarh-U.P. through registered/speed post. The Bids in sealed cover-I containing "Technical Bid" and sealed cover-II containing "Financial Bids" separately mentioning Tender No. JNMCH/Medicine/06/2018-19 on or before 01:00 PM on 07.08.2018. The bids received after this deadline shall not be entertained under any circumstances whatsoever. In case of postal delay this Institute will not be responsible. The offers submitted by Telegram/Fax/email shall not be considered and no correspondence will be entertained in this matter. The EMD, in case of unsuccessful bidders shall be retained by JN Medical College Hospital, AMU Aligarh till the finalization of the tender. No interest will be paid by J.N. Medical College Hospital, AMU, Aligarh on the EMD.

S. No.	Item Description	Qty	EMD (Rs.)
1	EEG System	01	Rs.28,000.00
2	Invasive Mechanical Ventilator	02	Rs.34,000.00

The following documents are to be furnished by the Supplier along with **Technical Bid** as per the tender document:

- i) Signed and scanned copy of valid registration certificate, experience certificate as per the tender notice, PAN, GST registration certificate and Tender Acceptance Letter.
- ii) Signed and Scanned copy of documents like (Earnest Money Deposit)
- iii) Signed and Scanned Copy of Make and model with HSN code of all systems, sub system send additional items should be mentioned in the technical bid and complete technical details should be provided in the form of Brochures and write-ups.

Bids will be opened on 08.08.2018 at 01.00 PM in the presence of bidders or their authorized representatives who wish to participate in the bidding process. If the opening date happens to be a closed day/holidays, the tender will be opened on the next working day.

Any future clarification(s) and / or corrigendum(s) shall be communicated by the Medical Superintendent through the website www.amu.ac.in

Medical Superintendent, J.N. Medical College Hospital, AMU, Aligarh reserves the right to amend or withdraw any of the terms and conditions contained in the Tender Document or to reject any or all tenders without giving any notice or assigning any reason. The decision of the Medical Superintendent, J.N. Medical College Hospital, AMU, Aligarh in this regard shall be final.

Technical Specifications of EEG System

Amplifier:

- a. 32 Channel Amplifier with inbuilt SPO2 having atleast 8 channels configurable as bipolar AC and atleast 1 channel for DC to connect external devices.
- b. CMRR should be > 115 dB or better
- c. Noise < 1.5 μ V peak to peak
- d. Input Impedance > 100 M ohm
- e. 16 bit ADC resolution or better
- f. Channel Crosstalk < -40 dB
- g. Sampling Frequency : 2000 Hz
- h. Should have facility to extend the amplifier electrode connection to small headbox so that patient can carry the electrode box to washroom, if required.
- i. USB Microphone, should work without batteries.

Acquisition Software:

- a. Facility to combine all user defined settings into templates or protocol, for use in different applications.
- b. Facility for Individual Channel Control, Customization of Montages, along with Remontage Capabilities.
- c. Facility to define new Sensors should be possible i.e assign to amplifier inputs, define traces in a montage, define calculated channels (Average, Source), or define trends.
- d. Facility to click any point to display corresponding traces & Slide pointer to change displayed duration of the Overview.
- e. Facility for sortable list of all events placed in the recording, both automatically and manually.
- f. Facility to review and add events to recorded traces.
- g. Facility for automatic time counters and event insertion during Hyperventilation.
- h. Facility to controlled display Sensitivity for User defined value.
- i. Facility to choose Low & High Cut Filters along with facility to enter any user defined value.
- j. Facility of configurable Time Base.
- k. Paging facility as Automatic Paging, Mouse controlled Paging and/ or Keyboard Paging.
- l. Playback of EEG for one or more channels.
- m. Facility for Zoom/ Magnify EEG trace.
- n. Facility for Copy & Paste of EEG or Trends to reports and presentations
- o. Facility for Automatic generation of reports.
- p. Facility for viewing several recordings in tiled or cascading windows.
- q. Facility to archive to CD or DVD, powerful search, and patient folder.
- r. Continuous impedance testing of electrodes during acquisition video data editing capabilities with and without EEG data.
- s. EEG video data recording facility on CD / DVD in readable format on other PC's without use of special software.

Photic Stimulator:

- a. Should be strictly based on White LED, FDA approved for medical EEG use.*
- b. Photic Stimulator with software programmable for manual or automatic sequences.
- c. Pole Stand from manufacturer to be supplied for sturdy fixation.

Video Camera:

Sony / Panasonic Video Camera for recording video with below specs.

- a) 1/4 TYPE 380K PIXEL EXVIEW HAD CCD.
- b) WIDE RANGE PAN/TILT: 340 DEGREES PAN /120 DEGREES TILT
- c) HIGH ZOOM RATIO AF LENS: 18X OPTICAL + 12 X DIGITAL
- d) EXCELLENT LOW LIGHT SENSITIVITY: ILLUMINATION LESS THAN 1 LUX.
- e) E FLIP FUNCTION
- f) FULLY REMOTE CONTROLLABLE
- g) AUTO ICR FUNCTION
- h) AUTO FOCUS
- i) ALARM FUNCTION

Accessories for the units must include:

- a. EEG Cup Electrodes Gold Plated – 200 Pcs.
- b. EEG Paste – 10 Jar Gms
- c. Skin Prepping Gel – 10 Tubes of 114 Gms

Patient Data Management:

SQL Based Patient information database and data management, Role Based user management folders with audit trail for technicians, physicians and administrator.

Recording Computer:

Latest branded Core i7 processor with 8 GB RAM or better, 4 TB SATA HDD, DVD Writer, Optical mouse, 19" flat panel TFT, Laser Printer, UPS, optical mouse, key board.
Good Quality Metallic Trolley with Caster.

Compliance / Regulatory Standards:

The quoted model must be Strictly CE European and US FDA.

Warranty : 5 years

