

Advertised Tender Enquiry
For
Advanced Vessel Sealing Energy device
at
Jawaharlal Nehru Medical College Hospital AMU
Aligarh.

NIT Issue Date	: 27-10-2018
NIT No.	: JNMCH/Surgery/014/2018-19
Pre-Bid Meeting	05-11-2018 at 2:30PM
Last Date of Submission	: 16-11-2018 at 12:00PM
Bid opening	: 17-11-2018 at 12:00PM

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

[Handwritten signature]

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 **Advanced Vessel Sealing Energy device** 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” should be placed in a third sealed cover super scribed “Tender for **Advanced Vessel Sealing Energy device** separately mentioning Tender No. **JNMCH/Surgery/014/2018-19** on or before 12:00 PM on 16.11.2018. 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.	Advanced Vessel Sealing Energy device	01No.	Rs.26,000.00

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 17.11.2018 at 12:00 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/holiday, 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 for Advanced Vessel Sealing Energy device

- Single screen LCD display with four inbuilt quadrants & touch screen.
- Cooling natural convection and fan.
- Connector receptacles LED illuminated connector readers on the sealer/Bipolar receptacle.
- Enclosure Magnesium
- Operating system Linux
- Generator should have tissueffect™ tissue sensing technology which can read tissue 434000 times per second
- Software upgradeable
- Generator should have Wi-Fi capabilities.
- Serial port connection
- Bipolar cable compensation reads cable length and width for consistent ES output
- Generator should have soft coag feature.
- Lower max jaw temperatures
- Faster sealing times (1-4seconds)
- Automatic power settings
- Simple, intuitive controls and information displays
- Auto bipolar features;328ms at 0 seconds delay setting.
- Auto bipolar specifications duration
 - Interrogation frequency 434kHz
 - Interrogation current <10μARMS averaged over 1 second
 - Interrogation voltage <12VRMS
 - Activation Impedance <2200ohm .)20%
 - Deactivation Impedance >4000ohm.)20%
 - Keying delay user selectable in 0.5 second increments form 0sec. To2.5sec.
- Minimum power 1w
- The technology allows rapid dynamic sensing of cable impedance thus adjusting cable compensation to allows for power delivery to issue regardless of cable type that is used.
- The generator should be capable of having multistage algorithm which reduces the need for manual bar settings.
- Must contain separate foot paddle for seal, monopolar, bipolar resection.
- Must work on Bipolar radio frequency generator and forceps principle in macro & micro Bi-polar mode.
- **Defibrillator Proof :** This generator complies with the ANSI/AAMI HF18 specifications for defibrillator proof designation and IEC 60601-2-2.
- **Electromagnetic Interference :** when placed on or beneath an activated electrosurgical generator, this generator operates without interference. The generator minimizes electromagnetic interference to video equipment used in the operating room.
- The system should produce six effects of Monopolar power output
- The generator should have inbuilt bipolar resection function
- The generator should be capable of operating a duty cycle of 25% defined as 10 seconds active and 30seconds inactive, in any mode for a period of four hours.
- Generator should have RFID compatibility
- Should be compatible with argon plasma and smoke evacuator
- Should be US FDA approved for & upto7mm vessel sealing
- Generator should support the adaptive return electrode monitoring technology to prevent patient burns
- Should be supplied with the below mentioned FDA approved hand instruments :
 - Open instruments Length : 18.8cm seal length 16.5mm cut length : 14.7mm jaw angle :28 degree.....01unit
 - Open instruments with 18cm shaft length,13mm wide jaw aperture,36mm jaw length & 180degree shaft rotation, cut length 34mm.....01unit.
 - Lap instruments Maryland with 37cm shaft length, & 359 degree shaft rotation, cut length 18mm seal length 20mm.....02unit.

