Sealed Quotations/Bids (One Technical and One Financial separately) are invited from manufacturers or their authorized dealers for the following item which should be sealed by the tenderers in separate covers duly super scribed and both these sealed covers are to be put in a bigger cover, which should also be sealed and duly super scribed, on the terms and conditions mentioned below.

Quotations should reach this office on or before 17.02.2018 by 3:00 P.M.

NERVE MONITORING SYSTEM

Specification:
The system should be ideal for:
- Cranial nerve Surgeries
- Neurovascular Surgeries
- Intracranial Surgeries

Software:
* compact system designed for complex surgical environments:
  - Digital acquisition, display, and storage of EMG,SEP, and MEP data
  - 16 high level and 2 low level programmable electrical nerve stimulator outputs
  - Programmable inbuilt TeMEP stimulator (upto 4 outputs) to deliver upto 1000 V/1500mA, stimulator
  - Automatic ESU detection and audio muting
  - Nerve integrity monitoring with programmable tone alerts for muscle activity, stimulator contact integrity, selectable chimes
  - Trending: Graphical and numeric formats for EP data
  - All channels sample simultaneously at 60 KHz
  - System capable to display up to 64 waveforms simultaneously
  - System capable to stimulate SEP, lower at independent rates within the same test protocol
  - Multi-tasking
  - Complete stimulus interleaving
  - Data trending and history displays with automatic, programmable alerts
  - Case annotation tools
  - Internet protocol-based remote monitoring with chat function
  - Stimulation and acquisition pods for easy patient connections
  - Trigger in/out for connections to external devices

System Includes:
* Data Management Computing Device:
  a. Touchscreen All in One PC with Core i3 processor, 1GB RAM, 500 GB HDD, DVD-writer/CDRW drive, Ethernet and USB connectivity, Windows 7, 17" LCD Display

* Amplifier:
  a. Digital main unit with 16 channel amplifier with capability to perform any test modality with 16 channels.
      - 32 Software Switched inputs in any combination: referential and/or differential. Pulse oximetry inbuilt.
  b. Noise Level<10μV
  c. Common Mode Rejection (CMRR)>110db @ 60 Hz
  d. Sampling Rate: 60KHz, simultaneously sampling Resolution:16 bits
  e. Low Frequency Filters:0.1-500 Hz
  f. High Frequency Filters: 30 Hz-15 KHz
  g. Notch Filter:50/60 Hz
  h. Sensitivity: 0.1μV/division -5.0mV/division
  i. Impedance Test: Up to 100kΩ

*Stimulator:
  a. Electrical: 16 programmable high level outputs (0-100mA), 2 low level outputs (0-20 V P-P) and 4 programmable TeMEP constant Voltage output (50-1000 V P-P, 1500mA max),
      - Duration: 0.05ms,
      - Modes available: single repetitive and train

*10 inches color coded pods for extending the amplifier inputs with durable lemo connector-2 No

Continued on page No.2
*Cautery Detector: automatically Detects use of electrosurgical devices, mutes audio, protects averages

*TeMEP stimulator to deliver upto 1000 V and 1,500 mA

*Isolation transformer

*Trolley to mount/comfortably place all items on sturdy metallic trolley with wheels

*The electrode starter kit to be complete and consist of
  
a) Disposable Sub dermal needles-1000Nos.
b) Disposable corkscrew needles-100Nos.
c) Disposable Concentric Stimulation probe-10 Nos.

Equipment should be USFDA certification

Terms & Conditions:
1. Make, Model, Rate and Tax detail MUST BE clearly mentioned in the quotations.
2. Only typed quotations /tenders bearing GSTIN No. on original letter head will be entertained and please provide GST- HSN Code on each item separately.
3. Manufacturers/Authorised dealer's certificate must be attached with Quotations/Tenders.
4. The firm must be registered supplier in Central Purchase Organization (e.g. DGS & D)/National Small Scale Industries/Central Purchase Office A.M.U, Aligarh.
5. List of users for the quoted item with contact no. should provided, Photocopy of purchase order along with terms and conditions of contract received from any Govt./Public Sector Institution in last 3 years for supply of offered equipment must be enclosed with the price bid.
6. Installation and commissioning will be the responsibility of the supplier and after sales service should provided.
7. Cutting /Over writing on quotations /tenders will not be accepted.
8. The equipment/Instruments might be called for demo, and approval. It is sole discretion of the department to approve or disapprove the quality.
9. The Instruments/Equipments should be rust proof, made from surgical grade stainless steel and should be US FDA certification
10. Comprehensive onsite warranty 03 Years.