



Notice Inviting e-Tender

West Bengal Medical Services Corporation Limited

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SUPPLY AND INSTALLATION OF URODYNAMIC STUDIES (UDS) MACHINE IN THE HOSPITALS AND MEDICAL COLLEGES OF THE GOVERNMENT OF WEST BENGAL.

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL /NIT-191/2024

Dated – 11.03.2024

The following amendment have been made in the tender document,

Amendment –I (Revision of Technical Specification)

The revised technical specifications for the item is given below,

Urodynamic Studies (UDS) Machine

- **Uro-flowmetry:**
Uroflowmetry has Weight Type Transducer with Self Cleaning mechanism No urine handling, Real Time Display on Computer, Color Printout
- **Cystometry:**
Leak Point Pressure Measurement, Filling and Voiding, Pressure Flow Study.
- **Cystometry with EMG:** Electromyography Surface, Wire and Needle Electrodes
- **Urethral pressure profile facility to be available.**
- **All nomograms should be available.**
- 1. **Control Unit** : 230v AC 50Hz to be integrated to trolley
- 2. **Pressure Transducer (Sensor)** : Working Range : 0 – 300 Cm Of H₂O
- 3. **Volume Infusion Sensor** : Weight Type Strain Gauge
- 4. **Sensor Range** : 0 to 3 Kg
- 5. **Voided Volume Sensor** : Weight Type Strain Gauge Sensor Range : 0 To 3 Kg
- 6. **Infusion Pump** : Filling Range 2ml/M To 100ml/Min
: **Filling volume up to 2 Litre**
- 7. **UDS Software**
 - Real Time Screen Monitoring of Test
 - Automatic Analysis And Report Generation

- Digital Database Storage And Retrieval
- Play Back Facility
- Editing Of Graphs
- Customized Report Generation Calibration
- **Accessories :** The following accessories should be supplied with the machine
 - a. **Double lumen Catheter 6 Fr. and 8 Fr. – 25 Nos. each**
 - b. **Triple lumen Catheter 8 Fr. – 20 Nos.**
 - c. **Pump and connecting tubing – 50 nos. each**
 - d. **Electromyography Surface Electrodes – 100 Nos.**
 - e. **Wire and Needle Electrodes- 20 nos.**
 - f. **Reusable Pressure Transducer (Sensor) with color coding - 2 Sets**
 - g. **Rectal Balloon Catheter 10 to 12 Fr. – 50 Nos.**

Facility for Sensors

- Firm should supply motorized Urodynamic Chair for Doing Urodynamic Studies in Sitting & Supine position. Should have perineal cut, hand rest, foot rest, attachment for funnel, uroflow holder and lithotomy position attachment. Should have back section movement
- **Computer For UDS :**
 1. Computer 1 Core i5 or more
 2. 1TB Hard Disk
 3. 4GB RAM
 4. 21.5 LED Screen
 5. Windows 10 license copy
 6. **Colour Laser Printer**
 7. **Suitable reputed company online UPS to be supplied with the machine.**

Certification: The equipment should have European CE (4 digit notified body) / USFDA / BIS approved.