



Notice Inviting e-Tender

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Procurement of different Medical Equipment for Dept. of Orthopaedic, Anaesthesia & PMR at Sambhu Nath Pandit Hospital
(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT-351/2024

Dated-13.06.2024

Amendment-I

Revised Technical Specification Schedule-I Battery Powered Orthopaedic Drill

Constraints with Specifications:

Battery Charger:

1. Input Voltage - 80 to 260 V AC 50/60 Hz
2. Output Voltage - 12 V DC
3. Weight - 560 (**±100**) gms
4. Fully automatic charging process
5. **Autoclavable**
6. Mains cord - Non Autoclavable
7. Charge level indicator
8. Charging Stations/Ports/Bays - 2 **or more**
9. Suitable for charging Li-ion Batteries
10. Charge percent Readout
11. Charging time - **30** min approx.
12. Charging Safety protections
13. Over Current protection
14. Over-heat protection

Battery Pack:

1. Set of **6** battery packs
2. 12.3 Volt DC 3. 2700mAh

3. Li-ion battery pack
4. Autoclavable
5. Weight- 220 (**±50**) gms
6. Battery monitoring system has protections for overcharging.
7. Quick discharge protection
8. Over-temperature protection
9. Torque-Current boosting circuit.
10. life **100** charging cycles (**minimum**)
11. Charge Retaining Shelf life 1 month

Power Cord:

1. Standard domestic power cord 220 V AC
2. 3 mtr length

Sagittal Saw Dedicated Hand piece:

1. Light weight & easy to use
2. Traditional Pistol grip
3. Ideal for THR/Amputation & deep cuts
4. Standard Autoclaving cycles
5. Set of **30** blades - **15** standard & **15** TKR(Extra-long, Broad & Narrow)
6. Quick Blade holding arrangement
7. Operates on 12 volt DC Batteries
8. Step less speed control
9. Instant Stop function
10. Oscillatory Cutting Technology
11. Special Ultra cut Blade available

Multi-drive hand piece:

1. Lightweight & easy to use
2. Standard Autoclaving cycles
3. Quick coupling to adapt Attachments
4. Operates On 12 Volt DC Batteries
5. Dedicated Step less speed control
6. Separate Reverse - Forward lever
7. Instant stop function
8. Cannulation 3.5 mm

Drilling Attachment:

1. Weight 350 (**±100**) gms
2. Speed **1200 RPM or more**
3. Cannulation 4 mm
4. Reverse forward direction Sustainability
5. Stainless Steel Jacobs Chuck with key (0 to ¼ inch ie 0 to 6.35mm)
6. Autoclavable
7. **Type of motor - DC Brushless**
8. **IPX - water proof**

Reaming Attachment With Flexible – Reamers

1. Weight 415 gms approx.

2. Speed 270 RPM approx.
3. Cannulation 3.5 mm
4. A/O Adaptor suitable for all reamers and allied attachments with AO end
5. Autoclavable
6. Flexible Reamer Shaft 8 mm dia Fixed Head - 03 Pcs
7. Flexible Reamer Shaft for Detachable heads Up To 12 mm - 03 Pcs each
8. Reamer heads from 8 mm to 12 mm (Set of 9) - 03 Pcs Each
9. Key chuck - 3 with each set

Wire Driver Attachment:

1. Holds wire from 0.8 to 3.5mm
2. Speed 950 RPM approx.
3. Easy to operate
4. Continuous wire driving i.e, without stopping the hand piece
5. Weight 285 gms approx.
6. Range selection Dial
7. Autoclavable

Autoclave box

1. large and rugged box
2. Single tray for attachment and hand pieces
3. Modular assembly for easy fitment
4. Facilitates well the sterilization of all devices
5. With water repel technology and drain vents for easy and quick removal of water

Mandatory Requirements:-

- a) The Company should have Service center at Kolkata that on the event of Breakdown, it is repaired at a shortest time.
 - b) In the event of breakdown standby machine must be given to the respective health facility without hampering patient care service.

Certification: The system should have IEC 60601 and valid CDSCO Certificate/Registration/License for the manufacturer(s) as applicable.