

## Annexure-A

Re- Tender Notice No. E/THOR/RIMS-2000

Imphal, the 24<sup>th</sup> Feb 2014

### **D) Specifications for Video Assisted Thoracoscope complete set (with accessories) with voltage Stabilizer**

- 1) Thoracoscopy:-
  - 1.1 ) Panoview plus- telescope, distortion free, 30<sup>0</sup>, diameter 7 mm, WL 300mm
  - 1.2 ) Reprocessing basket for telescopes, length 471mm
  - 1.3 ) Ball fixers for reprocessing basket, pack of 20 pieces
  - 1.4 ) Fibre light cable, 2,3 m, fibre bundle diameter 3,5 mm
  - 1.5 ) Flexible trocar sleeve, plastic, oblique distal tip, capacity 5.5 mm, WL 75 mm
  - 1.6 ) Trocar blunt, conical tip
  - 1.7 ) Flexible trocar sleeve, plastic, straight distal tip, capacity 7 mm, WL 75 mm
  - 1.8 ) Trocar, blunt conical tip
  - 1.9 ) Flexible trocar sleeve, Plastic straight distal tip, capacity 10 mm, WL 60 mm
  - 1.10) Trocar, blunt, conical tip
  - 1.11) Flexible trocar sleeve, plastic, straight distal tip, capacity 12,5 mm WL 60 mm
  - 1.12) Trocar, blunt, conical tip
  - 1.13) Probe, graduated, diameter 7 mm, WL 450mm
  - 1.14) Parenchyma forceps 5mm, 50mm curved left, WL 260 mm
  - 1.15) Parenchyma forceps 5mm, 50mm curved right, WL 260 mm
  - 1.16) Lung grasping forceps 5mm, angled, WL 270 mm
  - 1.17) Grasping forceps 7mm, curved left, WL 400 mm
  - 1.18) Artery forceps 5 mm, curved left, WL 270 mm
  - 1.19) Artery forceps 5 mm, curved right, WL 270 mm
  - 1.20) Scissors 7 mm, straight WL 260 mm & curved
  - 1.21) Tissue retractor 7 mm, curved, WL 320 mm
  - 1.22) Powder spray
  - 1.23) adapter
  - 1.24) Disposable containers, pack of 100
  - 1.25) Disposable membrane filter, sterile, pack of 50
  - 1.26) Powder spray tube
  - 1.27) Double hand bulb
  - 1.28) Aspiration tube, 4 mm, WL 160 mm
  - 1.29) Stoppers for disposable containers
  - 1.30) Suction irrigation handle
  - 1.31) Suction tube 5 mm, angle WL 340 mm
  - 1.32) Hook electrode 5mm, curved WL 340mm
  - 1.33) Needle holder 5 mm, straight WL 300 mm
  - 1.34) HF connecting cable, monopolar

1.35) Basket system for sterilization, transport and storage instrument basket, high – standard, contains: basket lower part, lid high, spring lock 2 x, instrument rack deep, instruments rack flat, support bar 4 x, w x l x h 250 x 530 x 200 mm.

1.36) Starting set silicone holder for laparoscopy consisting of 3 x silicone holder, closed, for up to 5 items, 3 x silicone holder, open, for upto 5 items, 1 x silicone holder, closed, triple, 1 x silicone holder, open, for up to seven items.

## 2. Visualization

2.1) RIWO mobil with 4 shelves, 3 continuous adjustable, WxHxD 673 x 1508 x 688 mm

2.2) Basic electrical fittings 230V

2.3) Transformer module in conjunction with basic electrical fitting.

2.4) Drawer

2.5) Mounting for laparo pump 2215

2.6) CO2 bottle holder 10l, for bottles with diameter up to 160 mm, max weight 35 kg

2.7) LCD monitor SONY LMD-2451 MD, 24 inch TFT LCD, resolution: 1920 x 1200 pixel, power supply: 100/240V, 50/60 Hz.

2.8) Stand for 24" Monitor

2.9) HDTV ENDOCAM system with image format 16:9, Full HD resolution 1920 x 1080 pixel, 3 CCD HDTV camera heads autoclavable, highest standard 1080p for unbeatable sharp crisp detail and colour brilliance, professional signal outputs HDSDI and DVI, optimal system, compatibility to 16:9 and 16:10 HDTV LCD monitors: video outputs:

2 x DVI-D 1280x720p, 1920x 1080i, 1920x 1080p, 2 xHD-SDI (BNC) 1280 x 720 p, 1920 x 1080i 1 x S- video (Y/C) on Mini-Din 4 pin

1 x Video (FBAS) on BNC composite Camera Head: Weight 0.230 Kg, housing dimension 38x 50mm

2.10) Light source LP5132 set, consisting of light source (5132,001) with universal light cable socket, spare lamp module 300 W xenon (2431,121) and mains cable (2440,03), continuous manual light emission control 2-100%.

2.11) Suitable Voltage Stabilizer.

## **II) Specifications for Sternal Saw**

### **1) Electric Driving Unit**

1.1) Foot control for speed.

1.2) Shaft autoclavable

1.3) Push Pull type ends

### **2) Sternal saw hand pieces**

2.1) Reciprocating blade type

2.2) Ideal for sternotomy

2.3) Reciprocation 13,000/- per CPM

2.4) Autoclavable

**3) Sternal Saw hand piece ( Pediatric)**

- 3.1) Reciprocation 13,000/- per CPM
- 3.2) Autoclavable
- 3.3) Pediatric type blades

**4) Redo saw hand piece**

- 4.1) Oscillating blade type
- 4.2) Ideal for Sternotomy
- 4.3) Oscillations 13,000/- per CPM
- 4.4) Autoclavable
- 4.5) Sector type blade should be provided.

**III) Pacemaker pulse Generator**

( Single Chamber)



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