

Amendment-II

Ref.: Tender No. HSCC/SJH/Med.Eqpt. /2017/27 dt. 13.1.2017

Sub.: Procurement of Medical Equipment for New Emergency Block & Super-Specialty Block at Safdarjung Hospital, New Delhi.

Pre bid queries are being examined for item no. 5, 8. It is proposed to revise the bid submission date from 06.02.2017 to 13.02.2017...till further amendment.

For item no 1,2,4,6 all specification remains unchanged. And it is proposed to revise the bid submission date from 06.02.2017 to 13.02.2017.

For item No. 3, 7 Endo Bronchial System , and Portable Colour Ultrasound respectively Technical Amendment have been received in view of the pre bid meeting queries submitted by the prospective bidders it is to be uploaded on the website today and it proposed to revise the bid submission date from 06.02.2017 to 13.02.2017. for item No. 3 , 7,

Item No. 3

ENDOBONCHIAL ULTRASOUND SYSTEM (EBUS)

System includes:

- I Ultrasonic Broncho fibervideoscope (for EBUS-TBNA)
- II Ultrasound Processor with Colour Doppler function
- III Video Processor & Light source
- IV High resolution monitor
- V Latest model should be quoted

Specifications:

1. Ultrasonic Broncho fiber videoscope (For EBUS-TBNA)

- 1.1. Ultrasonic Broncho fiber videoscope (for EBUS-TBNA)
- 1.2. Fieldofview**At80°andabove(atleast35°forwardoblique)**
- 1.3. Depth of field: Approximately2-50mm
- 1.4. "Tipdeflection: Up at least120° Down at least90°"
- 1.5. Distal end: Probenotmorethan6.5x7.0mm Opticnotmorethan7.5mm
- 1.6. Insertion tube outer diameter: Notmorethan6.5mm
- 1.7. Instrument channel width: Atleast2mmWorkinglength: Atleast600mm
- 1.8. Total length: Notmorethan900mm
- 1.9. Acoustic frequency: 5-10MHzswitchable

- 1.10. Scan Direction: Longitudinal
- 1.11. Scan System: Convex
- 1.12. Scan Angle **65° or more**
- 1.13. Should be pure video scope

2. Elastography function should be included

3. Digital Color Video processor

- 3.1. Single CCD color, high resolution HDTV & narrow board imaging compatibility/ 1 scan
- 3.2. 300 w or more xenon lamp with spare bulb
- 3.3. Video output – 2 RGBs connectors, 2 Y/Connectors, 1 composite video connector at least
- 3.4. 1 printer control connector, 2 external device control connectors
- 3.5. 1 serial connector
- 3.6. Power consumption 230 v
- 3.7. Weight – preferably less than 20 kg.
- 3.8. Should be controlled from the front, keyboard or endoscopy remote switches
- 3.9. Should be capable of while balance & adjustment, have provision for standard color change, adjustment automatic gain control (AGC), image enhancement, selection etc.

4. Monitor

- 4.1. 19” High resolution LCD or higher (LED) color monitor compatible with processor with full range of colors & inputs including viewing angle as needed for proper functioning
- 4.2. Power consumption 230V

5. Digital Ultrasound Scanner/ Colour Doppler

- 5.1. Compatible with the above EBUS puncture scope & radial probes
- 5.2. Real time 3D image
- 5.3. Hi support - automatically optimize the B-mode and Doppler image parameters (gain, baseline, PRF etc.)
- 5.4. Picture in picture for both ultrasound and endoscopic images simultaneously
- 5.5. High definition dynamic tissue harmonic imaging
- 5.6. High resolution imaging
- 5.7. Ergonomic operation keyboard
- 5.8. User programmable calculation package
- 5.9. Annotation, arrow mark and point display

6. The whole system should function on 50Hz/ 220VAC

- 6.1. The EBUS system should be supplied with automatic dishwasher for cleansing & disinfection having minimal following specifications:
- 6.2. Automatic washing and cleaning of bronchoscopes
- 6.3. Capacity/Basin
- 6.4. Basins per system: At least one
- 6.5. Scope per basin: At least one
- 6.6. Basin size: 47.0cm depth x 39.5cm width (50x40) Basin volume: 15L (maximum) 12-15L
- 6.7. Total Cycle Time: 15-20 minutes per cycle

- 6.8. Scope Loading: Toploading
 - 6.9. Scope connection required: Yes
 - 6.10. Applicable Scopes: Olympus/ Pentax/ Fujinonetc.
 - 6.11. Filter Media: 0.1to0.2micronfilter
 - 6.12. Minimum effecting concentration(MEC) access port
 - 6.13. PowerCapableofoperatingon220V50HzAC
7. **Essential Accessories**
- 7.1. EBUS puncture needles (>50 nos.)
 - 7.2. UPS for back u p of the whole system including ultrasound generator
 - 7.3. Mobile trolley to mount the EBUS system and ultrasound
 - 7.4. Quotedratefordisposables,consumablesbefornext7years
 - 7.5. All the essentials/ accessories required to make the machine function optimally
 - 7.6. Recording System fore view& publication
8. **USA, FDA & CE approved**

Item No. 7

Portable Colour Doppler Ultrasound

Point 24, Warranty New Point Added :

The firm must have minimum number of 50 installations of the same/similar model in India. Attach list of installations, and also provide supply order and satisfactory performance certificates

All other tender terms and conditions remain unchanged

Amendment to be issued will be uploaded on website www.Tenderwizard.com/HSCC
& www.hsscltd.com

**Medical Superintendent
Safdarjang Hospital & VMMC,
New Delhi.**