



Running Contract Details	
Equipment Name	Endo Bronchial Ultrasound (EBUS)
Running Contract Valid Till	31-08-2020
Tender Ref No	KMSCL/EP/T271/1167/2018(R)
Tendered Quantity	5
Supplier Name	M/s South India Surgical Co Ltd
GST No	32AAACS5091E1ZO
Installation & Delivery Period	8 Week(s)
Up-time / PM vist	95% & 4 Visits per year
Warranty period	3 Years

Supplier`s Details		
Address	Contact Details	
New No.117 Old No. 65 Wallajah Road Chennai-600002	Contact Person	
	Phone	
	Mobile No	
	Email	sisco@sisco.in

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	<b>Endo Bronchial Ultrasound (EBUS)</b> <i>Model &amp; Make : EB530US / Fujifilm Corporation</i>	7277418.4 Incl.GST :12%	536709.61	7814128.01
2	<b>Video Bronchoscope with High Definition Video Processor</b> <i>Model &amp; Make : EB 580 / EPX 3500</i>	2193392.32 Incl.GST :12%	161762.68	2355155
3	<b>Ultrasonic Probe (Radial)</b> <i>Model &amp; Make : SP 900 + PB 2020M</i>	2139875.36 Incl.GST :12%	157815.81	2297691.17
4	<b>Monitor</b> <i>Model &amp; Make : MLW 2626C</i>	340916.8 Incl.GST :12%	25142.61	366059.41
		<b>11951602.88</b>	<b>881430.71</b>	<b>12833033.59</b>

Annual / Comprehensive Maintenance Charges (Exl.Tax)							
Rate	4 <sup>th</sup> Year	5 <sup>th</sup> Year	6 <sup>th</sup> Year	7 <sup>th</sup> Year	8 <sup>th</sup> Year	9 <sup>th</sup> Year	10 <sup>th</sup> Year
<b>Endo Bronchial Ultrasound (EBUS)</b>							
Labour	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Annual / Comprehensive Maintenance Charges (Exl.Tax)							
Comprehensive	5,90,105.00	5,90,105.00	5,90,105.00	5,90,105.00	5,90,105.00	5,90,105.00	5,90,105.00

### **Other terms & conditions**

1. The supplier shall execute an agreement with the purchaser as per tender conditions (agreement format is given in the tender document).
2. The supplier shall submit performance security amounting to 5% of the value of the supply order.
3. The labour & comprehensive charges of equipment after the completion of warranty period is finalized by KMSCL as mentioned above.
4. Since discount rate is not applicable for equipment under Running Contract of KMSCL, purchase/supply order can be issued directly to supplier at the given rate with tax & other charges (exclusive of KMSCL service charges).
5. If purchase/supply order is issued directly to the supplier, KMSCL service charge need not be paid. But the copy of the said order may be forwarded to KMSCL for information.

### **Technical Specification**

#### **Equipment :Endo Bronchial Ultrasound (EBUS)**

Equipment name: Endo Bronchial Ultrasound(EBUS)

Should provide compact linear/convex probe based endobronchial ultrasound (EBUS) system comprising of a dedicated EBUS Scope and Advanced High Definition EBUS Processor along with radial EBUS system, HD video processor and video bronchoscope.

#### I. Convex Probe EBUS

1. A compact linear/convex probe based endobronchial ultrasound (EBUS) system comprising of a dedicated EBUS Scope and Advanced High Definition EBUS Processor providing High Resolution Endoscopic Images and enabling performance of real time endobronchial ultrasound guided transbronchial needle aspiration (EBUS-TBNA)
2. The system should allow adequate visualization of the endoscopic view and the exit of the needle while performing EBUS\_TBNA
3. EBUS scope should allow performance of other diagnostic bronchoscope procedures
4. Linear: Depth of Field : 3-50 mm or more
5. Scanning Method: Electronic convex scanning method
6. The Videoscope preferably should have 2 light guide at the distal end and needle guide to help precise FNAC preferred
7. The CCD should be available at the tip of the scope for the high resolution images
8. Viewing direction: Less than 45 degree forward oblique'..
9. Distal end diameter: 6.9 mm or less
10. Field of view: more than 100 degrees
11. Working channel diameter: 2.0 mm or more.

12. Tip deflection range: Up—120 degree or more, Down—85 degree or more
13. Scanning mode: color Doppler, Power Doppler, Pulse Wave, B-Mode, M-Mode Tissue Harmonic & Compound Harmonic imaging should be available
14. Frequency Range: 5 to 10 MHz or better
15. Working length—more than 600 mm
16. Operating voltage AC 100-240V. 60 Hz
17. The ultrasound processor should have elastography scanning facility
18. Facility for User Specific Preset Settings
19. Facility for Rapid image archiving in TIFF or JPEG or PNG format
20. The System should allow picture in picture (PIP) imaging and tissue harmonic imaging
21. System should be provided along with a dedicated Video Capture and Report generating Software compatible with the Video output of the System
22. Dedicated ergonomic cart for the entire equipment assembly
23. All necessary accessories as part of standard assembly to make unit fully functional.

Should provide all equipments and accessories for radial EBUS

## II. Ultrasonic Probe (Radial)

1. Should provide Ultrasonic Radial Probe of diameter 2.2 or less
2. Should have Ultrasonic Radial Probes of usable Frequencies 7.5 MHz, 12 MHz, 15 MHz, 20 MHz
3. Should have “B” Display mode.
4. Scanning Mode – should be Mechanical Radial
5. Should have Scanning range of 20 – 120 mm, 360° or better
6. Should provide a Video Bronchoscope for radial EBUS

## III. Video Bronchoscope

1. Should be Compatible with high definition video processor having spectral colour enhancement
2. Should have super CCD Camera
3. Should have minimum Field of View of 120°
4. Should have an observation range of 3 – 100 mm or better
5. Should have Insertion Tube Diameter / Distal End Diameter of 6.1 mm or less

6. Should have tip deflection of 180° up/130° down or more

7. Should have a working channel of 2.2 mm or more and should be compatible for radial EBUS probe supplied

8. Working length should be 600 mm or more

9. Scope should be high frequency / electrocautery and laser compatible

#### IV.High Definition Video Processor

1. Should have HD Video Output

2. Should have Spectral Colour Enhancement (NBI, FICE, I SCAN or equivalent) function with at least 3 presets

3. Should have resolution up to 1920 x 1080 pixels or more

4. Should have Colour Correction Function

5. Light Source should have Automatic / Manual Brightness Control

6. Should have 300W or more Xenon Lamp

7. Should have Auxiliary (Halogen) Lamp of 75W or more

8. Processor & Light Source should have Ultrasound Endoscopes Compatibility

#### V.Monitor

1. Should be High Definition Medical Grade Monitor

2. Should be of 24" or more in size

3. Should have provision for accepting DVI/HDMI, RGB, S-Video and Composite Video Signal

#### VI. Accessories should be supplied along with machine

1. 21/22G-EBUS-TBNA needles -30 Nos.

2. Applicator for balloon -02 Nos.

3. Retainable Mouth guard/bite block -30Nos.

4. Leakage Tester – 1 no.

5. Biopsy Forceps, Disposable – 20 nos.

6. Cleaning Brush – 4 nos

7. Forceps Opening Valve – 20 nos.

8. Ultrasound probe balloon – 40nos

9. Radial probe guide sheath(suitable for the provided radial probe and bronchoscope)-30 nos