



Running Contract Details	
Equipment Name	Video Thoracoscope with high definition camera
Running Contract Valid Till	31-07-2020
Tender Ref No	KMSCL/EP/T266/1172/2018
Tendered Quantity	5
Supplier Name	M/s Neoptic Surgicals
GST No	32ACFPK5938G1ZO
Installation & Delivery Period	6 Week(s)
Up-time / PM vist	95% & 4 Visits per year
Warranty period	3 Years

Supplier`s Details		
Address	Contact Details	
35/1476 Kripa South Janatha Road Palarivattom Kochi-682025	Contact Person	Mr. K.J Kurian
	Phone	
	Mobile No	9447039805
	Email	neopticsurgicals@gmail.com

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	Video Thoracoscope with high definition camera <i>Model & Make : Model 1488 Three - chip HD camera CCU / Stryker, USA</i>	2242920.96 Incl.GST :12%	165415.42	2408336.38
2	Light source with fiber optic cable <i>Model & Make : L9000 Light Source,400 LED-watt LED, 5mm * 10Ft Fiber optic Light Cable</i>	325119.2 Incl.GST :12%	23977.54	349096.74
3	High definition medical gas monitor <i>Model & Make : VISIONPRO 26" LED DISPLAY INTE</i>	320494.72 Incl.GST :12%	23636.49	344131.21
4	Trolley <i>Model & Make : TROLLEY (INDIGENOUS)</i>	86984.8 Incl.GST :12%	6415.13	93399.93
		2975519.68	219444.58	3194964.26

Annual / Comprehensive Maintenance Charges (Exl.Tax)							
Rate	4 th Year	5 th Year	6 th Year	7 th Year	8 th Year	9 th Year	10 th Year
Video Thoracoscope with high definition camera							

Annual / Comprehensive Maintenance Charges (Exl.Tax)							
Labour	1,18,000.00	1,18,000.00	1,18,000.00	1,18,000.00	1,18,000.00	1,18,000.00	1,18,000.00
Comprehensive	1,53,400.00	1,53,400.00	1,53,400.00	1,53,400.00	1,53,400.00	1,53,400.00	1,53,400.00

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 :Video Thoracoscope with high definition camera

HD camera along with video assisted thoracoscopy surgery

1. High Definition camera

i. Three Chip High definition Camera System -QTY 1

ii. The system should be truly Digital HDTV endoscopic video camera. The system should have the maximum Resolution of 1920 x 1080 pixels, progressive scan and the consistent use of 16:9 formats for Input & Output to guarantee genuine HDTV.

iii. The system should have facility of Optical & Digital Zoom lens to enhance the quality of Image size & cross specialty usage of the camera system, regardless of the telescope used.

iv. USB Port for Capturing FULL HD Videos/HD Stills in External USB drive and direct interface of USB to facilitate direct printouts or external recording

v. System should have facility of controlling additional equipments like light source / insufflators and recording device from the camera head.

vi. System should have facility to offer various visualization modes for surgery and diagnosis by shifting the color spectrum like BLUE & GREEN light for recognition of the finest tissue Structures and the differentiation.

vii. Parallel live display of visualization modes besides white light mode (picture-in-picture).

viii. Modular design: Digital FULL HD camera module should be compatible for use with video flexible GI endoscopes.

ix. Image sensor: 3X1/3" CMOS/CCD

x. Pixels 1920 x 1080

xi. AGC: Microprocessor controlled

- xii. Lens: Integrated Zoom Lens $f=15.31$ mm (2x optical zoom)
 - xiii. Minimum light sensitivity 1.17 Lux ($f= 1.4$ mm)
 - xiv. Control buttons: atleast 3 (2 of them freely programmable)
 - xv. Video output: 2x DVI-D output, 1 x 3G-SDI output, 3 x camera with compatible camera modules, LAN connection 4 x USB connection (2 x front, 2 x back).
 - xvi. Input: Keyboard input for character generator. 5-pole DIN socket.
 - xvii. Power Supply: 100-240 VAC 50/60 Hz
2. High Definition Medical Grade Monitor –QTY 2
- i. HDTV display in original 16:9 HDTV format.
 - ii. 1080 p/50 & 1080 p/60 displays possible
 - iii. LED crystal display.
 - iv. Max Resolution of 1920 x 1080.
 - v. Screen diagonal – 26”.
 - vi. Desk top with pedestal.
 - vii. Should have the facility of PIP mode.
 - viii. Specifications
 - ix. HD TFT Flat Screen Monitor with stand size 26”,
 - x. Aspect Ration 16:9 HD format
 - xi. Brightness : 500 cd/m²
 - xii. Maximum viewing angle : 178° vertical
 - xiii. Contrast ratio: 1400:1
 - xiv. Reaction Time – 8ms
 - xv. Rated power : 115watts
 - xvi. Power supply 100-240 VAC
 - xvii. Screen Dimensions: 643 x 396 x 87 mm
 - xviii. Video Inputs: 2* DVI-D, 2* 3G SDI, 1* S Video, Composite 1* RGB/VGA, 1* RS 232, 1* RJ 45 Interface.
 - xix. Output: 1* DVI, 1* 3G SDI, 1* S-Video
 - xx. Accessories External 24 VDC Power Supply, Mains Cord, Pedestal.
 - xxi. Certified to: EN 60601-1, protection class IPX 1
 - xxii. DVI Cable: 10mtrs for interconnecting the monitors.
3. LED Light source with Fiber optic cable –QTY-1

- i. Lamp type: LED Type,400 Watt
 - ii. Color Temperatures 6000K
 - iii. Light outlet – 1
 - iv. Light Intensity Adjustment: Continuously adjustable either manually or automatically by camera's video output signal.
 - v. Should be supplied with Diameter 4.8mm, Length 300cm.
 - vi. Certified To: IEC 601 – 1 & UL 544 CE According to MDD, protection class 1/CF
 - vii. LED light source shall be replaced in the warranty or CAMC period, if the intensity deviates by 30%.
4. Endoscopic Trolley (QTY 1)
- i. Trolley to accommodate all the above equipment
 - ii. Pedestal monitor stand with wheel with adequate weight bearing capacity to be supplied for carrying slave monitor. The rate shall be quoted along with the rate of trolley in BOQ.
5. Should have safety certificate from a competent authority CE/FDA (US). Other equivalent certificates will not be accepted. Should have valid detailed electrical and functional safety test report from ERTL. Copy of the certificate/test report shall be produced along with the technical bid
6. Should provide one each of video thoracoscope 40cm length (10 mm, 0deg and 5mm ,30 deg) with aspherical lens.