



Running Contract Details	
Equipment Name	HD Laproscopic System
Running Contract Valid Till	13-10-2024
Tender Ref No	KMSCL/EP/T442/619S/2022
Tendered Quantity	25
Supplier Name	M/s Olympus Medical Systems India Pvt. Ltd
GST No	06AABCO2131L1ZO
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	
Olympus Medical Systems India Pvt. Ltd Ground Floor Tower- C SAS Tower The Medicity Complex Sector â€“ 38 Gurgaon â€“ 122001	Contact Person	Mr.Manu Sadanandan
	Phone	04842342222
	Mobile No	9747693695
	Email	endosale.oms@olympus-ap.com, manu.sadanandan@olympus.com

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	HD 3 chip camera head and control unit <i>Model &amp; Make : OTV-S200(PAL) Visera Elite II Video Syst / Olympus Corporation</i>	687652.35 Incl.GST :18%	48135.66	735788.01
2	<b>Medical Monitor</b>	492472.41 Incl.GST :28%	31779.86	524252.27
3	<b>Cold Light Source</b>	754453 Incl.GST :12%	55640.91	810093.91
4	<b>Telescope 0 Degree</b>	138618.51 Incl.GST :12%	10223.12	148841.63
5	<b>Telescope 30 Degree</b>	164440.66 Incl.GST :12%	12127.5	176568.16
6	<b>Telescope 45 Degree</b>	196527.39 Incl.GST :12%	14493.89	211021.28
7	<b>Trolley</b>	27730 Incl.GST :18%	1941.1	29671.1

Item-wise Price Details							
8	<b>Recording System</b>			673798.27 Incl.GST :12%	49692.62	723490.89	
9	<b>Hi-Flow Insufflator</b>			583967.85 Incl.GST :12%	43067.63	627035.48	
10	<b>Light Source for ICG System</b>			635435 Incl.GST :12%	46863.33	682298.33	
11	<b>Stabilizer</b>			0.01 Incl.GST :0%	0	0.01	
12	<b>CO2 cylinder</b>			0.01 Incl.GST :0%	0	0.01	
13	<b>HD 3 chip camera head and control unit with recording and ICG facility</b>			1095315.95 Incl.GST :12%	80779.55	1176095.5	
				<b>5450411.41</b>	<b>394745.18</b>	<b>5845156.59</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>HD 3 chip camera head and control unit</b>							
Labour	48,089.00	48,089.00	48,089.00	48,089.00	48,089.00	48,089.00	48,089.00
Comprehensive	1,01,318.00	1,01,318.00	1,01,318.00	1,01,318.00	1,01,318.00	1,01,318.00	1,01,318.00

### 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 5.00% 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 :HD 3 chip camera head and control unit

I. HD 3 chip High definition Camera System with recording facility (External or Internal)

1. The system should be truly Digital HDTV endoscopic video camera.

2. The system should have the minimum Resolution of 1920 x 1080 pixels, progressive scan and the consistent use of 16:9 format for Input & Output to guarantee genuine HD TV.

## II. HD 3 chip High definition Camera Head

1. 3 chip HD Camera Head resolution 1920 x 1080 pixel, 3x1/3" CCD/CMOS Progressive Scan 60HZ at least with 2 freely programmable Camera Head buttons and optical zoom lens of 2x dynamic optical / digital zoom range.

2. The system should have special features:

a) Should optimize image quality & Digital Source Sampling thus maximizing hi-fidelity image transmission.

b) The system should have Optical Zoom/ digital Zoom to enhance the quality of Image size & cross specialty standardization of the camera system, regardless of the telescope used

c) The system should automatically optimize all settings. The system should be ready to-use as soon as it is connected to the camera control unit.

## III. HD 3 chip High definition Camera Control Unit

1. AGC: Microprocessor controlled

2. The system should have the following features:

a) Camera system should have at least two camera buttons to control the various functions of the camera from the camera head.

b) Should have the facility to add fiberoptic filter

3. All the camera head button functions can be also controlled by the keyboard/touch screen from a non sterile field.

4. Video Outputs – DVI – 2 Outputs

5. DVI Connecting Cable

6. Power supply — 220-240 VAC 50/60 HZ

7. Should have safety certificate from a competent authority CE issued by a notified body registered in European Commission / FDA (US).

## IV. Medical Monitor

1. Medical grade 26" or more FULL HD TFT/LCD/LED flat panel Monitor with color systems PAL, NTSC.

2. Maximum screen resolution 1920 x 1080 pixels, Image format 16:9

3. Video inputs: DVI- 2 Outputs

4. Video outputs: DVI

5. Power supply 220 - 240 VAC, 50/60 Hz

6. Monitor Stand, with integrated cable channel, for use with Monitor.

## V. Recording Device

1. HD Image capture facility with External/ Inbuilt recording; Should supply the necessary storage hardware-External or Internal hard disk / USB drive of at least 1TB ( either internal or external or both combined ) capacity- along with. In case of external recording device it should be from the same manufacturer.
2. Should be able to take video and still images during surgeries.
3. The system should support to take still images from recorded video footages

## VI. Cold Light Source:

1. LED light source equivalent to 300 W Xenon
2. Standby mode
3. Universal jaw assembly to adapt any make of fibre optic cable
4. Fibre optic light cable with straight connector size 4.8mm or above, length 300 cm or above. heat resistant
5. Heat Resistant
6. Adjustable brightness control
7. Should have Light intensity indicator.
8. In case of integrated light source, rate for separate light source as per specification to be offered.

## VII. Electronic Insufflator (If available shall be quoted separately. Rate will not be taken for evaluation

1. Electronic insufflator of 20 litres of high flow/minute with warmer.
2. Soft approach pressure control for safe recovery of abdominal pressure.
3. Audio visual alarms
4. Should be supplied with in-let and out-let gas tubings, Universal Wrench and tools required, Sterile Filter package of 10 pieces.
5. Should have display for pressure, flow rate and total flow
6. Should have Co2 cylinder level indicator.
7. Should work with input 200 to 240Vac 50 Hz supply.
8. Should have safety certificate from a competent authority CE / FDA (US) / STQC CB certificate / STQC S certificate or valid detailed electrical and functional safety test report from ERTL. Copy of the certificate / test report shall be produced along with the technical bid.

## VIII. Telescope 0° – High definition

Straight forward Telescope 0o, Enlarged view, Diameter 10mm, length at least 31 cm, Autoclavable, Fiber optic light transmission incorporated.

IX. Forward – Oblique Telescope 30o High definition

Enlarged view, diameter 10mm, length at least 31 cm, Autoclavable, fiber optic light transmission incorporated.

X. Forward – Oblique Telescope 45 / 50 degree High definition

Enlarged view, diameter 10mm, length at least 31 cm, Autoclavable, fiber optic light transmission incorporated.

XI. Trolley & CO2 cylinder

1. Should be supplied with suitable trolley.
2. Trolley should have provision to hold gas cylinders.
3. Trolley should have at least 6 power sockets to connect the camera, insufflator, light source, monitor etc.
4. CO2 cylinder B type –filled

XII. The Camera, Monitor, Light Source and electronic Insufflator should be from the same manufacturer.

XIII. If ICG fluorescent image facility is available with the tenderer, then the rate for the Camera Unit and Light source for the ICG shall be offered separately – which will not be taken for evaluation.

XIV. Hi Flow Insufflator (Rate shall be quoted separately which will be taken for evaluation)

1. Electronic insufflator of 40 litres of high flow/minute with warmer adjustable from 0 to 40 litres
2. Soft approach pressure control for safe recovery of abdominal pressure.
3. Audio visual alarms
4. Should be supplied with in-let and out-let gas tubings, Universal Wrench and tools required, Sterile Filter package of 10 pieces.
5. Should have display for pressure, flow rate and total flow
6. Should have Co2 cylinder level indicator.
7. Should work with input 200 to 240Vac 50 Hz supply.
8. Should have safety certificate from a competent authority CE / FDA (US) / STQC CB certificate / STQC S certificate or valid detailed electrical and functional safety test report from ERTL. Copy of the certificate / test report shall be produced along with the

technical bid.