



Running Contract Details	
Equipment Name	Pediatric Gastro Intestinal Endoscopic Machines & Ancillary Equipments
Running Contract Valid Till	16-08-2025
Tender Ref No	KMSCL/EP/T489/1636/2022
Tendered Quantity	10
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 38 Gurgaon 122001	Contact Person	Mr.Manu Sadanandan, Kiran Kumar BP
	Phone	04842342222
	Mobile No	9747693695, 9349117430
	Email	endosale.omsi@olympus-ap.com, manu.sadanandan@olympus.com, kiran.kumar@olympus.com

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	Pediatric Upper GI endoscope [gastroscope] <i>Model & Make : Olympus Corporation Japan</i>	1252700.96 Incl.GST :12%	92386.7	1345087.66
2	Pediatric Lower GI endoscope [colonoscope]	1825923.68 Incl.GST :12%	134661.87	1960585.55
3	Video gastroscope	849932.16 Incl.GST :12%	62682.5	912614.66
4	Video Colonoscope	1090297.6 Incl.GST :12%	80409.45	1170707.05
5	Video Processor	866182.24 Incl.GST :12%	63880.94	930063.18
6	Light Source	612546.03 Incl.GST :12%	45175.27	657721.3
7	High-Definition LCD Monitor	314298.88 Incl.GST :28%	20282.1	334580.98

Item-wise Price Details							
8	Endoscopy Trolley			27730 Incl.GST :18%	1941.1	29671.1	
9	Disposable Biopsy Forceps (Pediatric Gastroscope)			1630 Incl.GST :12%	120.21	1750.21	
10	Disposable Biopsy Forceps (Pediatric Colonoscope)			1630 Incl.GST :12%	120.21	1750.21	
11	Reusable foreign body retrieval forceps â€“ rat tooth and alligator jaw			46498 Incl.GST :12%	3429.23	49927.23	
12	Non â€“ lithotripsy extraction basket			12864 Incl.GST :12%	948.72	13812.72	
13	Disposable biopsy forceps adult (upper GI)			1630 Incl.GST :12%	120.21	1750.21	
14	Disposable biopsy forceps adult (lower GI)			1630 Incl.GST :12%	120.21	1750.21	
15	Electrocautery (Bipolar) unit			738336.48 Incl.GST :12%	54452.32	792788.8	
				7643830.03	560731.04	8204561.07	
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
Pediatric Upper GI endoscope [gastroscope]							
Labour	1,00,000.00	1,00,000.00	1,00,000.00	1,00,000.00	1,00,000.00	1,00,000.00	1,00,000.00
Comprehensive	4,68,000.00	4,68,000.00	4,68,000.00	4,68,000.00	4,68,000.00	4,68,000.00	4,68,000.00

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 :Pediatric Upper GI endoscope [gastroscope]

Equipment: Pediatric Gastro Intestinal Endoscopic Machine & Ancillary Equipments

1. Pediatric Upper GI endoscope [Gastroscope] – 1

- a. Should be ultra- slim with electro surgery compatibility
- b. Should be suitable for special detection technology (NBI/ BLI/ I Scan) for detailed observation by enhancing visibility of blood capillaries & mucosa.
- c. Should be fully submersible in disinfectant solution (no need to connect water resistance cap).
- d. Optical System

- i. Field of view : 140°

- ii. Direction of view : Forward Viewing

- iii. Depth of Field:3-100 mm

e. Insertion Section

- i. Distal end outer diameter : 5.4 mm

- ii. Insertion tube outer diameter : 5.8 mm

- iii. Working length: 1100 mm

f. Instrument Channel

- i. Channel inner diameter: 2.2mm

- ii. Minimum visible distance : 3.0 mm from the distal end

g. Bending Section

- i. Angulation range:

- a. Up: 210°

- b. Down: 90°

- c. Right: 100°

- d. Left: 100°

- h. Total Length: 1400 mm or more

2. Pediatric Lower GI endoscope [colonoscope] - 1

- a. Should be suitable for special detection technology (NBI/ BLI/ I Scan) for detailed observation by enhancing visibility of blood capillaries & mucosa.
- b. Should be fully submersible in disinfectant solution (no need to connect water resistance cap).
- c. Should have Passive Bending and High Force Transmission with variable stiffness.
- d. Optical System

- i. Field of view : 170°

- ii. Direction of view : Forward Viewing

- iii. Depth of Field:2-100 mm

e. Insertion Section

- i. Distal end outer diameter : 11.7 mm

- ii. Insertion tube outer diameter : 11.8 mm

- iii. Working length: 1680 mm

f. Instrument Channel

- i. Channel inner diameter: 3.2mm

- ii. Minimum visible distance : 3.0 mm from the distal end

g. Bending Section

- i. Angulation range:

- a. Up: 180°
- b. Down: 180°
- c. Right: 160°
- d. Left: 160°

h. Total Length: 2005 mm

3. Video Gastroscope - 1

- a. Should be ultra- slim with electro surgery compatibility
- b. Should be suitable for special detection technology (NBI/ BLI/ I Scan) for detailed observation by enhancing visibility of blood capillaries & mucosa.
- c. Should be fully submersible in disinfectant solution (no need to connect water resistance cap).
- d. Should be supplied with Re-Useable Biopsy Forceps
- e. Optical System
 - i. Field of view : 140°
 - ii. Direction of view : Forward Viewing
 - iii. Depth of Field: 2 -100 mm
- f. Insertion Section
 - i. Distal end outer diameter : 9.2 mm
 - ii. Insertion tube outer diameter : 9.3 mm or less
 - iii. Working length: 1030 mm
- g. Instrument Channel
 - i. Channel inner diameter: 2.8mm
 - ii. Minimum visible distance : 3 mm from the distal end

h. Bending Section

- i. Angulation range:
 - a. Up: 210°
 - b. Down: 90°
 - c. Right: 100°
 - d. Left: 100°

i. Total Length: 1350 mm

4. Video Colonoscope - 1

- a. Should be suitable for special detection technology (NBI/ BLI/ I Scan) for detailed observation by enhancing visibility of blood capillaries & mucosa.
- b. Should be fully submersible in disinfectant solution (no need to connect water resistance cap).
- c. Should have Variable stiffness for ease of operation
- d. Should have Auxiliary water jet for mucosal cleaning.
- e. Optical System
 - i. Field of view : 140°
 - ii. Direction of view : Forward Viewing
 - iii. Depth of Field: 2 -100 mm
- f. Insertion Section

i. Distal end outer diameter : 12.8 mm

ii. Insertion tube outer diameter : 12.8 mm

iii. Working length: 1680 mm

g. Instrument Channel

i. Channel inner diameter: 3.7 mm

ii. Minimum visible distance : 5 mm from the distal end

h. Bending Section

i. Angulation range:

a. Up: 180°

b. Down: 180°

c. Right: 160°

d. Left: 160°

i. Total Length: 2005 mm

5. Video Processor: 1

a. Special detection technology (NBI/ BLI/ I Scan) .

b. Should have settings of optical zoom or dual focus or auto focus

c. Waterproof One-touch connector which is fully immersible in disinfectant solution.

d. Pre-freeze function for sharper images

e. 16:9 and 16:10 outputs for HDTV monitors

f. The system has compatible analog, HD-SDI, and DVI output

g. Picture-in-picture and index functions for enhanced observation

h. Internal memory of 1GB and external portable memory of 2GB

i. Optical zoom and digital zoom up to 1.5X

j. Structure enhancement

k. Scope's Identification: Data such as scope's model & serial no., comments, cumulative uses, check period, owner, customer ID etc., should be storable and recallable. White balance memorization

6. Light Source: 1

a. Lamp-Xenon short arc lamp ozone free 300 W or Multi light LED (4 or more)

b. In case of Xenon: Emergency halogen lamp as backup, which should automatically ignite, in case the main lamp gets defective.

c. Capability of (NBI/ BLI/ I Scan).

d. Function of automatic switch off when unit has been used for an extended period of time.

e. Separate unit for video processor and Light Source.

7. High-Definition LCD Monitor - 1

a. Full HD LCD 26" medical grade monitor by principal company or reputed brands like Sony with high resolution 1920X1200 (WUXGA)

b. Should have Contrast ratio 1000:1

c. Should have resolution 1920X1080 (Full HD)

d. Should have viewing angle 178° (degree)

e. Should have Lower Power consumption

f. Should provide aspect ratio 16:9

g. Should have Picture-in-Picture and Picture-out-Picture for viewing side-by-side

h. Split screen images.

i. Should contain input/output for SDI, DVI.

j. Should have multi-modality display capability, including Picture and Picture (PIP) Picture out of Picture (POP) and Clone out with various size combinations.

- k. Various output and input terminals including HD/SDI (2No) DVI-1 (2No) Y/C and Video.
8. Endoscopy Trolley: - 2
- a. MS Trolley with Powder Coated
 - b. Cluster wheels to move the trolley
 - c. Scope Hanger to hold the scope during the procedure
 - d. Provision to keep video processor, Monitor and Stabilizer
9. Software
- a. Patient Reporting Software Should Be Supplied Along With The Endoscopy Equipment.
 - b. Foot pedal should be supplied along with software for Image capture.
 - c. It should be hardware locking mechanism
10. Leakage tester – 1
- a. Should be supplied with the endoscopy system.
11. Light source cleaning kit - 1
- a. Should be supplied with the endoscopy system
12. Reusable foreign body retrieval forceps – *rat tooth and alligator jaw*– 2
13. Non – lithotripsy extraction basket - 2
14. Disposable biopsy forceps adult (upper GI)- 20
15. Disposable biopsy forceps adult (lower GI)- 20
16. Electrocautery (Bipolar) unit – 1
- a. The Electro surgical unit should work in 300 to 450 KHz frequency range and the output should be up to 120 Watts with touch screen display
 - b. The unit should have the universal socket for Bipolar, Monopolar and neutral output socket only for GI.
 - c. The units have all necessary modalities comprising of Monopolar, Bipolar with focused view of touch screen.
 - d. The unit have facility to program several numbers of settings and procedures.
 - e. The unit should have Visual and audible alarms during activation.
 - f. The unit should have Bipolar CUT and COAG facility.
 - g. This unit should have followed safety features to prevent the tissue damage and charring.
 - i. Fast spark monitor
 - ii. High Power cut support
 - iii. Contact Quality Monitor
 - iv. Leakage Protection sensor
 - h. The unit should have the following Cut modes: Two Pulse Cut modes (Pulse Cut Slow & Pulse Cut Fast) pure cut and blend cut
 - i. The system should have following Coagulation modes soft, Forced, Spray and power Coagulation.
 - j. The unit should have cut mode which enables intermittent cutting and coagulation phases for a controlled cutting speed and the delay time between the cutting phases.
 - k. The unit should have cut mode which enables intermittent cutting and coagulation phases for a controlled cutting speed and the delay time between the cutting phases
 - l. The ESU unit should analyse contact resistance of the neutral electrode to reduce the risk of thermal injuries to the patient.
 - m. Regulatory approval/Certification: CE and USFDA
 - n. Accessories supplied with the unit
 - i. Number of patient plates: 10 Qty
 - ii. Cart: 1 Qty
 - iii. Monopolar Cable: 1Qty
17. Disposable Biopsy Forceps (Pediatric Gastroscope) – 20 Nos

18. Disposable Biopsy Forceps (Pediatric Colonoscope) – 20 Nos

Note: If CDSCO (Central Drugs Standard Control Organization) certification is required for the import and marketing of the equipment, then the same shall be submitted along with the technical bid