



Running Contract Details	
Equipment Name	Flexible Video Trans Nasal Esaphagoscope
Running Contract Valid Till	06-03-2021
Tender Ref No	KMSCL/EP/T298/1271/2018(R)
Tendered Quantity	16
Supplier Name	M/s The Advanced Medical Systems inc
GST No	
Model & Make	EE- 1580K / Pentax Medical
Unit rate (Rs)	19,25,000.00
CGST 0.00%	0.00
SGST 0.00%	0.00
IGST 12.00%	2,31,000.00
Total Cost(Exl.KMSCL S.C) Rs.	21,56,000.00
Flood Cess (1%) Rs.	19,250.00
Service Charges 7% + GST 18%	1,59,005.00 (Applicable for purchase through KMSCL only)
Total Cost(Incl. KMSCL S.C) Rs.	23,34,255.00
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	
DABC - Vasantham Complex 1st Floor A-Block No.6 MTH Road - Villivakkam Chennai - 600049 Tamilnadu	Contact Person	Madan Mohan
	Phone	044 -2617 4224
	Mobile No	9846127574
	Email	info@advancedmedical.in

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	Flexible Video Trans Nasal Esaphagoscope	2175250	159005	2334255
2	Medical Grade Monitor	255850	17759	273609
3	Software - Reputed Brand, Indian	77350	5369	82719
4	HP printer, Indian	16842.07	1169.04	18011.11

Item-wise Price Details				
5	Trolley, Indian	65450	4543	69993
6	17 processor with windows 10 OS 64- bit, 16GM RAM, 4GB Graphics card & 4t B Hard Disk, Indian	101150	7021	108171
7	Sterilisation Tray, Indian	28250	2065	30315
8	Endoscopy Chair, Indian	255850	17759	273609
		2975992.07	214690.04	3190682.11

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
Flexible Video Trans Nasal Esaphagoscope							
Labour	77,975.00	77,975.00	77,975.00	77,975.00	77,975.00	77,975.00	77,975.00
Comprehensive	1,29,958.00	1,29,958.00	1,29,958.00	1,29,958.00	1,29,958.00	1,29,958.00	1,29,958.00

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 :Flexible Video Trans Nasal Esaphagoscope

The system should have the following technical specification —

The endoscopy system (processor & scope) must be suitable to produce High Definition, High Magnification Images with Chromo Endoscopy (SPIES/ FICE/ NBI/ I SCAN) facility. The system should be supplied with inbuilt air insufflation facility

A. High Definition Video Processor and Light Source - 1 No

1. System should be on high definition platform
2. Fully compatible to the color systems PAL & NTSC
3. Should have USB/SD card interface/equivalent facility for image recording
4. HD Video recording should be available internally or via external methods

5. Processor should have the facility of Digital Image Processing
 6. Should have the facility for image magnification, image enhancement & zoom function.
 7. Should possess automatic/one touch white balance for true color setting
 8. Should have automatic as well as manual illumination and color adjustments
 9. Should have at least 1 DVI output option.
 10. Video signal output should be RGB, Y/C, composite, HD-SDI/ DVI, S-video compatible
 11. Should have built in memory for patient data storage and external portable memory of 1TB.
 12. Power supply of 220-240 volts and 50-60 Hz
 13. 150 Watts or more Xenon light source, should provide 3 additional Xenon bulb along with the equipment
 14. Should have a standby lamp and should glow in the event of failure of the primary lamp. (should have LED/halogen preferred)
 15. Lamp cooling system should be available
 16. Should have provision for air pump
 17. Illuminated control panel that is easy to use with separate controls for light and air pump
 18. Panel button should be feather touch.
 19. Should be compatible with the following mentioned scope
- B. Video Esophagoscope - 1 Nos.
- a. High resolution true color video images
 - b. Enhanced control unit
 - c. Torsion — proof insertion sheath
 - d. Field of view of 140 degree or more
 - e. Depth of field
 - i. Minimum 2-4 mm
 - ii. Maximum 100mm
 - f. Up down movement range of 210/90 degree
 - g. Distal end diameter less than 5.5 mm
 - h. Instrument channel should be less than 2.5 mm
 - i. Working length not more than 700 mm.
 - j. Disposable suction control valve for patient and user safety
 - k. Dedicated Control button for air insufflations.
 - l. It should be waterproof and fully immersible for cleaning and disinfection

m. It should be compatible with all sterilization techniques conforming to infection control guidelines worldwide.

n. It should be chip on tip scope

C. Additional accessories required for esophagoscope by OEM(Counted for L1)

a. Standard biopsy cup forceps(<2mm diameter)- 2nos

b. Biopsy forceps alligator type with RAT tooth(<2mm diameter) — 1nos

c. Air water channel cleaning adaptor — 1nos

d. Carrying case, ETO cap, irrigation tube —1 nos

e. Channel plug- 1nos

f. Biopsy valve -10 nos

g. Channel opening cleaning brush — 10nos

h. Suction cleaning tube — 10nos

i. Water resistant cap — 1nos

j. Mouth piece —10 nos.

k. Channel cleaning brush — 10nos

a. Leakage tester — 1nos

D. High-Definition Medical Grade Monitor —1 no.

1. 26/ 24 inch full HD (1920*1080) LCD panel with backlit LED by OEM with a 16:9 aspect ratio and high contrast and wide viewing angle

2. The system should have PIP/POP functionality to display the images and videos in parallel mode or equivalent.

3. Should be able to adjust image size by using various scanning modes, synchronizing full height and full screen functionality

4. Should have Multiple HD and SD inputs

E. Other requirements to be part of quotation (Counted for 1.1)

1. Compact multi-rack trolley with wheel lock system manufactured by the OEM Company — 1nos(should be possible to hold all the above instruments) It should have at least 6 power sockets (16/6amps combination socket) to connect the processor, monitor etc. The power sockets should be universal type accepting Indian/European/US model plugs

2. UPS as needed for the equipment with minimum 30 minutes backup.

3. Sterilization tray - 1 no with 1 scope along with 2 instruments and its accessories, to be able to use for commonly used chemical means of sterilization)

4. A comfortable chair (height adjustable) for performing sitting endoscopy with back rest and arm rests and provision to be converted to supine if required.

F. The above system should be supplied with suitable endoscopy reporting software with hardware and color printer.

a. Workstation system for imaging and documentation system — 1nos

i. Intel i 7 latest version processor with 16 GB RAM and 4 GB graphics card ,SAS Storage system with 4 TB Capacity Windows 10

Operating system with 64-bit architecture 17 inch full HD (1920*1080) LCD panel with backlit LED

G. Software requirements.

1. Report generator containing patient details, images and key exam findings
 2. The system should be upgradable to dedicated swallowing software at a later stage.
 3. Standard video formats for portability of exam segments
 4. Patient database (SQL) and exam management system
 5. Playback of Two Exams Side by Side
 6. Sharp, clear 1080i HD format image
 7. Exam Videos to be saved in industry-standard H.264 format for efficient storage and portability.
 8. Full screen image
 9. Playback features like frame-by-frame viewing, slow-motion viewing, magnification and video tagging
 10. Customized reporting conforming to institutional needs
 11. Should be supplied with Ink-tank printer for generation of reports
 12. The system should have DVD/CD writer along with USB download facility
 13. Reporting software should be compatible with all types of endoscopies pertaining to head and neck region
 14. The system should be supplied with the compatible UPS for power backup for minimum 30 mins.
 15. A suitable table from a reputed manufacturer for accommodating work station (counted for L1)
- H. The scope should be compatible with the processor, light source and strobe light supplied.
- I. The equipment should be brand new and not refurbished.
- J. System should have safety CE certificate issued by a notified body registered in European commission and FDA (US) certificate.
- K. Light source, High Definition video processor, Video esophagoscope should be from same manufacturer