



Running Contract Details	
Equipment Name	Higher End Operating microscope for ENT with recording facility and monitor
Running Contract Valid Till	24-10-2025
Tender Ref No	KMSCL/EP/T501/1048B/2023
Tendered Quantity	5
Supplier Name	M/s Lakshmi Surgicals
GST No	32AACFL2603A1ZB
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	
2nd Floor 12/307-C1 KSIE Building CIC Freight Station ICTT Road Anavathil Jn. Udyogamandal Eloor Ernakulam - 683501	Contact Person	Mr. Viji Vijayan
	Phone	0484-2988006
	Mobile No	99466 02090
	Email	lakshmisurgicals2005@gmail.com

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	Higher End Operating microscope for ENT with recording facility and monitor <i>Model & Make : Carl Zeiss Higher End Operating Microscope for ENT with Recording Facility and Monitor/Carl Zeiss Germany</i>	5019300 Incl.GST :18%	351351	5370651
2	Assistant / Teaching attachment (If needed, order shall be issued separately)	1503450 Incl.GST :18%	105241.5	1608691.5
3	Interface for laser manipulator (If needed, order shall be issued separately)	596700 Incl.GST :18%	41769	638469
		7119450	498361.5	7617811.5

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
Higher End Operating microscope for ENT with recording facility and monitor							
Labour	85,072.00	89,326.53	93,792.85	98,482.49	1,03,406.62	1,08,576.95	1,14,005.80

Annual / Comprehensive Maintenance Charges (Exl.Tax)							
Comprehensive	2,33,950.42	2,45,647.94	2,46,930.34	2,48,826.86	2,84,368.21	2,98,586.61	3,13,515.94

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 :Higher End Operating microscope for ENT with recording facility and monitor

1. Compact Microscope body with 1:6 zoom ratio
2. Should have 5 or more step magnification changers with click stop positions
3. Should have total magnification ranging from at least 3.4x up to 21x or more without using additional magnification multiplier / changer.
4. All the Optical Components should be apochromatic corrected for all three basic colors.
5. Pair of high eye point wide field push-in eyepieces 12.5x magnification with eye guards and magnetic locks, dioptre setting from -5D to +5D, also suitable for spectacles wearers.
6. Field of view should be 112mm to 11mm continuously variable. Spot illumination should be motorized from 65mm – 11mm continuously variable through effortless Single-Handed operation
7. Variable objective lens from 200mm to 400mm or more continuously manually variable, without changing front lens
8. Should have tiltable binocular tube with interpupillary distance adjustment varying from 55mm to 70mm or more
9. Should have integrated maintenance-free LED illumination providing Xenon like intensities at 5500K or more with lamp lifetime of 50,000 working hours or more
10. Should be floor standing type on castor wheels with brake
11. Should have coaxial illumination
12. Should provide intuitive balancing process allow smooth and effortless Single-Handed operation of the microscope
13. Should have a fully integrated 1-Chip Full HD (1080p) camera which can be trigger with the mode control knob through effortless Single-Handed operation on microscope or with remote control.
14. Should provide integrated Full HD-video (1080p) recording which can be stored on USB, triggered from microscope or with a remote control and simultaneously provide Full HD (1080p) live streaming without any external attachment.
15. The integrated recording system must provide HDMI output for displaying images/video during recording on to the Full HD 32" Display Monitor
16. Should be upgradable with assistant / teaching attachment with straight 90 degree straight binocular tube with Pair of high point wide field push-in eyepieces 12.5x magnification with eye guards and magnetic locks, diopter setting from -8D to +5D, also suitable for spectacles wearers
17. Should have rust free design
18. Should be supplied with sterilizable caps for adjustment knobs and handgrips.
19. When extended completely the total length of the arm from the stand to the microscope head should not be less than 1700mm.
20. The height of the floor stand should not be less than 1700 mm
21. Should be operated in 200-240 Vac 50/60 Hz input supply
22. Should be European CE approved

23. Should have Integrated red-free green filter for better visualization in blood filled operating field
24. Should have Integrated mode to better distinguish between vasculature and tissue especially for better visualization of Vocal cords
25. Should have Integrated mode to suppress the obtrusive reflections, allowing for a faster and more detailed distinction of anatomical details and artificial implants (critical).
26. Should provide Single-Handed operation for the activation of all visualization and recording modes
27. Should have provision for application-based interface for live streaming, capture and edit videos and images
28. Should be upgradable in future the ability to connect with hospital DICOM network for seamless transfer of data
29. Should provide interface for laser micromanipulator

Note:

1. 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
2. Warranty exclusions if any shall be discussed at the time of prebid meeting else the tender condition as per clause 6.31.20 shall prevail