



Running Contract Details	
Equipment Name	Operating Posterior Segment Surgical Microscope
Running Contract Valid Till	13-10-2026
Tender Ref No	KMSCL/EP/T544/1038/2024
Tendered Quantity	5
Supplier Name	M/s Serumbiologicals
GST No	32FKIPS9153R2Z4
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	
Rajagiri Southgat Thirunakkara Kottayam	Contact Person	Sunilkumar
	Phone	4812563636
	Mobile No	9745163636
	Email	serumbiologicals@gmail.com

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	Operating Posterior Segment Surgical Microscope <i>Model & Make : Lumera 1/ Carl Zeiss</i>	11116000 Incl.GST :18%	778120	11894120
2	3 CHIP CAMERA RECORDER WITH LED TV	1299999.99 Incl.GST :18%	91000	1390999.99
3	UPS	39999.99 Incl.GST :18%	2800	42799.99
4	SIDE BINOCULAR CO OBSERVATION TUBE	1044000 Incl.GST :18%	73080	1117080
		13499999.98	945000	14444999.98

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
Operating Posterior Segment Surgical Microscope							
Labour	71,390.00	74,959.00	78,707.47	82,642.84	86,774.99	91,113.74	95,669.42
Comprehensi ve	2,59,600.00	2,72,580.00	2,86,209.00	3,00,519.45	3,15,545.42	3,31,322.69	3,47,888.82

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 :Operating Posterior Segment Surgical Microscope

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Equipment: Posterior Segment Surgical Microscope

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A. MICROSCOPE:

- a. Compact microscope body with high quality & complete apochromatic Optics with 1:6 zoom ratio. Magnification factor 0.4X to 2.4X.
- b. Focusing range - 50 mm, Objective lens f=200mm, 65mm diameter.
- c. Binocular tube: Tilt able tube with integrated image inverter from OEM only. Should not be an external Inverter.
- d. Eye Pieces: 10x/12.5x with +8D to -5 D compensator.
- e. Depth of field management system for optimal depth perception & maximum light transmission.

IIUMINATION

Stereo Coaxial Illumination system for unique detail recognition, high contrast & stability of red reflex even with strongly pigmented decentered and ametropic eye.

Retina Protection Device and contrast enhancement aperture.

- c. Integrated 408nm UV barrier filter & Blue blocking filter.

C. X Y COUPLING:

- a. X-Y Coupling with minimum 60mm x 60mm adjustable range.
- b. Motorized foot-controlled X-Y coupling with automatic re-centering and X-Y inversion facility.

D. SUSPENSION SYSTEM:

- a. 14 function wired / wireless foot control, Motorized foot-controlled Zoom and focus with recentering of focusing position through foot control. Image inversion facility on foot control.
- b. High quality floor stands with long spring balance suspension arm with effective length of 1.0 metre or more having load bearing capacity of at least 14 kg or more
- c. Stand should have touch screen LCD display with programming facility for setting the speed of XY, zoom and focus and foot pedal
- d. Stand should have cold light fiber optic illumination, 12 v 100w halogen lamp with inbuilt lamp housing with two lamps, automatic lamp changeover facility in case of failure of main lamp
- e. Wide angled viewing system (From OEM)

- E. Wide Angle Non Contact Observation/ Viewing System (Autoclavable)
 - a. Field of view 120 deg, non contact lenses 68 D & 128D should be supplied
 - b. Both lenses should mounted & interchangeable during surgery
 - c. Should provide fixed physician safety for laser applications
- F. Should have Video recording system
 - a. Beam splitter 20 and Video objective lens
 - b. 3 CCD HD Camera
 - c. HD recorder of at least 1TB HDD
 - d. LED TV of minimum 32 inches.
- G. Optional Accessories
 - a. should have binocular co observation tube with 3 axis movement and 10x/12.5x eye pieces
- H. Suitable UPS should be provided along with the machine
- I. Should have safety certificate from a competent authority CE issued by a notified body registered in the European commission /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