

Running Contract Details	
Equipment Name	Advanced Flourescent Microscope
Running Contract Valid Till	31-12-2026
Tender Ref No	KMSCL/EP/T523/756B/2024
Tendered Quantity	4
Supplier Name	M/s Bions Medical Systems Pvt Ltd
GST No	32AACCB4877B1Z1
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	
Address:53/333 A1 Arden Ivy Court Opp.Reliance Fresh Off S.C. Bose Road Vyttila-Kochi-682019	Contact Person	JOMY THOMAS
	Phone	0484-2969622/33/44
	Mobile No	9567860500
	Email	customercare@bionsmedicalsyste.ms.com, jomy.thomas@bionsmedicalsyste.ms.com

Item-wise Price Details							
#	Item Details			Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total	
1	Advanced Flourescent Microscope <i>Model & Make : M/s Bions Medical Systems Pvt.Ltd</i>			2498001 Incl.GST :18%	174860.07	2672861.07	
				2498001	174860.07	2672861.07	
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
Advanced Flourescent Microscope							
Labour	32,500.00	34,125.00	35,831.00	37,623.00	39,504.00	41,479.00	43,553.00
Comprehen sive	59,091.00	66,477.00	73,864.00	81,250.00	88,636.00	97,500.00	1,03,409.00

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 :Advanced Flourescent Microscope

Equipment: Advanced Fluorescent Microscope

1. Microscope stand for biology and medicine for transmitted light with long life LED illumination with height adjustability of focus knobs
2. Bright LED illumination equivalent to 100 W halogen which is detachable and replaceable
3. Light source and microscope is suitable for upgrading deca head in future
4. Transmitted light LED illumination of minimum 25000 hours life
5. Should have 3- step focusing, coarse, medium and fine (1 and 4 microns)
6. Five focusing functions (Coarse, medium, fine, focus height stops, adjustable torque)
7. 7-fold revolving nose piece
8. Eyepiece HC PLAN 10x/22 or better
9. Condenser Achr.apl.A 0.9 (P) with switchable condenser head, with color coding for fast and easy adjustment of the aperture diaphragm, for bright field
10. Ergo stage user selectable: user can select right or left hand operation. Stage plate with ultra hard ceramic surface, travel range 76mm x 25 mm, slide holder, X/Y stage control
11. Objectives 4x/0.10 plan achromat, 10x/0.25 plan achromat, 20x/0.40 plan achromat, 40x/0.65 superior plan achromat and 100x/1.25 plan achromat (OIL). 10x,20x,40x, & 100x objectives are suitable for fluorescence
12. Trinocular tube with viewing angle 20°, interpupillary adjustment 55-75mm, beam splitter positions vis/phot: 3 splitting ratio 100:0,50:50 & 0:100 and field of view up to 25, fixed photo port for one camera fluorescence with 5 or more position filter cube turret.
13. Fluorescence light source should be metal halide/cool LED with at least 20000 hrs life time
14. Filter system UV excitation: 340-380, blue excitation : 450/490, green excitation: 515-560
15. Camera with software
 1. Camera should have dual mode (both color and monochrome mode)
 2. Camera should have minimum 6 MP or more resolution color camera that delivers a well balance feature set with high frame rates, good dynamic range and true color reproduction, CMOS sensor, pixel size 2.4 µm x 2.4µm, color filter RGB (Bayer) color depth 3 x 12 bits, exposure time 1 ms- 1s, dynamic range & gt : 72 dB, Fast live image 3072 x 2048 pixel
 3. Interface: USB3.
 4. Suitable software for image processing
 5. Branded PC: 8 GB RAM, 1 TB HDD, 1 GB Graphics card, i5-64bit processor, windows 10