



Running Contract Details	
Equipment Name	Penta Head Microscope
Running Contract Valid Till	11-05-2027
Tender Ref No	KMSCL/EP/T552/1531C1/2024
Tendered Quantity	5
Supplier Name	M/s Radical Scientific Equipments Pvt Ltd
GST No	06AACCR8985N1ZI
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	
9th Milestone Ambala-Jagadhri Road Khudda Kalan Ambala Cantt-133104 (Haryana)	Contact Person	Mr. Vikram Singh Chauhan
	Phone	
	Mobile No	89030997827
	Email	tenders@radicalscientific.com

Item-wise Price Details							
#	Item Details			Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total	
1	Penta Head Microscope <i>Model & Make : RXLr-5 Code: NX/ Radical Scientific</i>			961700 Incl.GST :18%	67319	1029019	
				961700	67319	1029019	
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
Penta Head Microscope							
Labour	16,300.00	16,300.00	16,300.00	16,300.00	16,300.00	16,300.00	16,300.00
Comprehensive	32,600.00	32,600.00	32,600.00	32,600.00	32,600.00	32,600.00	32,600.00

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 :Penta Head Microscope

Technical Specification

Equipment: Penta Head Microscope

1. The stand-alone camera shall come with a CMOS sensor that provides an ultra-HD/4K (8 Megapixels) resolution: image.
2. The camera Shall provide automatic exposure; automatic gain and automatic white balance adjustment.
3. Image enhancement functions, such as active sharpening and de-noising shall happen on the camera without reducing the 4K live image frame rate.
4. The gain shall be adjustable from 1- 22 X and a Shading correction possibility shall be available which is stored.
5. The 4K live image shall be displayable with 30 frames per second.
6. A live HDR mode shall be available.
7. The pixel size of the camera shall be below 2 microns to provide best image resolution when working with low magnification objectives.
8. The camera shall provide an On-Screen Display (QSD), that allows to control the camera without an extra controller/computer or software. Or / an additional laptop/computer with requisite software loaded for viewing should be provided for teaching purpose.
9. In the OSD, camera parameters and the image file name shall be selected and adjusted via keyboard and mouse.
10. Images shall be stored conventionally on a USB flash drive.
11. The camera interfaces must include HDMI and USB 3. The camera shall support both, the operation in stand-alone mode and in combination with a computer and software.
12. The camera shall provide multiple set up possibilities to use it in a wireless mode.
13. Viewing head- sliding binocular - 5 pcs inter pupillary distance 47 to 75 mm with height adjustment
14. Eye piece - Wide field WF 10 x/ 23 eyepiece with anti-fungus coating
15. Nose piece objectives - infinite corrected plan achromatic, 2.5x. (5X or 4X), 10x,20x, 40x, 100x anti -fungus coating
16. Stage, condenser- Iris diaphragm with blue filter
17. Focusing - Coaxial, coarse and fine
18. Transmitted light illuminator should be an integrated, high luminosity, encoded LED with 10 w, with a colour rendering index of at least 95 and an expected life time of more than 60,000 hrs. Kohler Illumination System.
19. Filter-blue pointer- green LED
20. Anti vibration steel table with granite top for more safety, durability; clarity and for better performance without any shake.
21. 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 The HD camera should have facility to connect to any projector (via HDMI, USB, etc) or separate laptop with necessary software to be provided