



Running Contract Details	
Equipment Name	Operating Microscope Neurosurgery
Running Contract Valid Till	05-03-2023
Tender Ref No	KMSCL/EP/T388/616A/2020
Tendered Quantity	10
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 Vytila-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	Operating Microscope Neurosurgery <i>Model & Make : PROVIDO/LEICA MICRO SYSTEMS</i>	7552000 Incl.GST :18%	528640	8080640
2	Fully integrated HD Camera with recording	271400 Incl.GST :18%	18998	290398
3	Monitor	35400 Incl.GST :18%	2478	37878
4	Stero co-observer tube for cranial and spinal procedures	501500 Incl.GST :18%	35105	536605
5	Vascular fluorecence	5262800 Incl.GST :18%	368396	5631196
6	Tumour fluorecence if available	5262800 Incl.GST :18%	368396	5631196
		18885900	1322013	20207913

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 Microscope Neurosurgery							
Labour	1,77,125.00	1,85,981.00	1,95,280.00	2,05,044.00	2,15,297.00	2,26,061.00	2,37,364.00
Comprehensive	3,54,250.00	3,71,963.00	3,90,561.00	4,10,089.00	4,30,593.00	4,52,123.00	4,74,729.00

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 :Operating Microscope Neurosurgery

1. **Working distance:** Working distance: 200 - 600mm 25 mm, continuously variable through motorized multifocal lens, activated through Hand control and manual over ride/ alternate control
2. **Magnification range:** 1.5X – 21X (12.5X eyepiece)
3. **Zoom:** Should have 6:1 motorized zoom activated through hand control and foot switch control panel.
4. **Focusing:** Focusing: 200 – 600 mm +/- 25 mm. Motorized via multifocal lens activated through Hand or Footswitch & Touch screen control panel. Manual over ride/ alternate override should be available
5. **Eyepieces:** Wide field eye piece for eyeglass wearers Dioptic settings -5D or less to +5D or more with adjustable eye cup interpupillar distance 55-75mm. 10x/ 12.5x eyepieces the system must provide all apochromatic optics, displaying the region of interest free of color aberrations.
6. **Light Source:** 300 W Xenon indirect type illumination with integrated 300 W Xenon back-up with fast action Lamp Change over. The system must display the remaining life time for each illuminant. The system must automatically indicate defective lamps.
7. **Illumination Field Diameter** 17 to 143mm. Should have built in automatic zoom-synchronized illumination field diameter, with manual override/ alternate Control and reset feature. It must be possible to electronically adjust the depth of field. Adjustment of the depth of field must be easily accomplished via the system's handgrips
8. **Automated illumination control:** Should have Automated Illumination. Brightness control should be linked to working distance. Should have auto iris
9. **Binocular tube:** Tiltable, rotatable, length adjustable binocular tube for main surgeon with 360degree rotation facility.
10. **Balancing:** The system must have one touch automatic balancing of all system axes without any manual interaction or touch screen based software balancing
11. **User Interfaces:** The system must provide one central user interface, Allowing for programming and operating the system. The main surgeon must be able to see the most important system parameters, such as working distance and light intensity, within his near working environment.
12. **Control unit:** Graphic LED/LCD display having facility for adjusting speed of zoom and focus.
13. **Hand grips:** Controls for zoom, focusing, recording, light intensity adjustment, joystick control for fine adjustment of the microscope.

14. **Asepsis for all controls:** Sterilizable / disposable protective glass encasement for objective, sterilizable components for all drive knobs / drapes
15. **Suspension system & Height:** Floor stand with 6 electromagnetic brakes modular / integrated (compact design) configuration for each application. Height in Stand by Position not less than **1800mm**. For easy maneuverability on all types of floor, the system must provide large castors with a diameter of at least 120 mm. For convenient face-to-face operation, the system must provide a reach of at least 1475mm \pm 25mm (center stand to center objective lens). For convenient positioning of the system next to the OR table, the system must provide free rotation ($> 360^\circ$) around its center column. The total swivel range must be at least 90° , ensuring a flexible microscope positioning for all applications
16. **Camera:** Full HD Video Camera with integrated recording system.
17. **Recording:** Integrated recording system on USB media. USB storage device, DICOM compatibility, Video Compression: MPEG 4, still Image: JPEG/TIFF/BMP/GIFF. 1 TB hard drive shall be provided.
18. **Face to face attachment:** Built in face to face attachment with **0 -180°** Tilttable binocular with 10x eyepiece. Face-to-face operation must be possible with both, surgeon and assistant, in a standing position even underneath the carrier arm. The system must allow for face-to-face operation supported by a motorized horizontal fine positioning.
19. **Stereo Co-Observer:**Co-ordinated Stereo co-observation, complete with straight binocular tube with 12x eyepieces. Stereo co-observation system for cranial procedures with additional observer unit at 180° for spinal procedures
20. **Monitor:** Should supply 42" or above Full HD LCD/LED TV and HD video cables to connect with microscope. Not to be fixed with microscope.
21. **Certification:** Operating microscope and essential accessory like camera should be from the same manufacturer who possess CE or FDA certificate.
22. **Upgradability:**Should be upgradable to vascular fluorescence (ICG) if available and the rate shall be quoted separately. The unit should also be upgradable to neuro navigation (IGS) capability if available. The details of additional hardware required for upgradation shall be provided in the compliance statement of technical bid. Image injection facility and tumour fluorescence if available shall be quoted separately. Rates quoted will not be taken for evaluation
23. **Power supply:** 220-240Vac \pm 10% 50 Hz.