

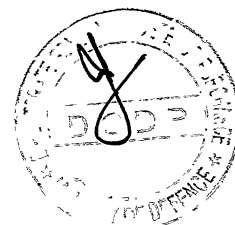
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ANX D TO
DGDP TENDER NUMBER 216.07.482.25
DATED: 30 OCTOBER 2025

DESCRIPTION OF TECHNICAL SPECIFICATION FOR SURGICAL OPERATING MICROSCOPE
FOR ENT WITH ALL ACCESSORIES QUANTITY-01, (DP-5)

(Tenderer must fill up this format without changing its basic structure)

Ser no	Description	Technical specification	To be filled up by the principal/ Manufacture
(a)	(b)	(c)	(d)
1.	<u>General Specification:</u> General specifications are as under:		
	a. Nomenclature	Surgical Operating Microscope for ENT with all accessories, PVMS-180336, Qty-03 Nos	
	b. Brand	To be mentioned.	
	c. Model	To be mentioned. Model must be latest.	
	d. Name of Manufacture with Complete Address	To be mentioned.	
	e. Name of Principal with Complete Address	To be mentioned.	
	f. Name of Local Agent with Complete Address	To be mentioned.	
	g. Year of Production	Not before the calendar year of contract.	
	h. Country of Origin & Manufacturer	Group-A: Bangladesh, Australia, Austria, Belgium, Brazil, Canada, Denmark, Finland, France, Germany, Indonesia, Ireland, Japan, Luxemburg, Netherlands, Norway, Singapore, Spain, Sweden, Switzerland, Turkey, UK, USA, South Korea & Italy.	
	j. Port of shipment	Same country of manufacture for Main System. Other Items/ Equipment's/ Accessories and Local supplied item to be mentioned specifically	
2.	<u>Features/Facilities:</u> General features:		
	a. Suitable for ENT Surgery including Cochlear Implant procedures		
	b. Motorized zoom, 1: 6 zoom ratio adjustable via hand grip.		
	c. Motorized focus, working distance from 200 mm to 625 mm adjustable via hand grip		
	d. Main Binocular Tube 0-180 Degree tiltable		
	e. 10x Magnetic wide field push-in eyepiece with integrated eyecups		
	f. Total Magnification 16x (without attaching magnification enhancer)		
	g. TRI LED daylight Illumination.		
	h. Automatic iris control for adjusting the illumination to the field of view.		
	j. Focus light link: working distance controlled light intensity.		
	k. Display of remaining lamp life.		
	l. Auto balance for all entire system axes just pushing of a button		
	m. SMART DRAPE system for automatic evacuation for sterile, obstruction free microscope		
	n. Speed Focus for Automatic focusing on the center of the camera field at the press of a button		
	p. Floor stand type with cable detector & lockable high quality four castors.		



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	q. Magnetic Clutch brake for control of all system axes under push of a button.							
	r. Active Vibration Damping, strengthened by robotic movements, to streamline within surgical workflow							
	s. Depth of Field (DoF) enhances visualization with an increased Depth of Field in the region of interest reduces the need for refocusing in the anatomy							
	t. Central Guided User Interface with 24” HD touch screen monitor for overall control of Microscope.							
	u. Multifunctional Programmable handgrips							
	v. Integrated 3 CMOS HD Video Camera							
	w. Integrated HD Video and image recording via USB Media							
	x. Set of sterilizable caps and drapes.							
	y. X-Y Movement							
	z. HD Video in							
3.	Technical Specification:							
	a. Magnification type: Motorized zoom, 1 : 6 Zoom ratio, adjustable via handgrip							
	b. Total Magnification: 16 x (Without attaching magnification enhancer)							
	c. Focus System: Motorized focus, adjustable via handgrip							
	d. Working range: 200-625 mm							
	e. Main Binocular tube: 0-180 degree tiltable tube, focal length f=170 mm							
	f. Eyepiece: 10 x magnetic wide field eyepiece with integrated eyecups.							
	g. Illumination: TRI LED daylight Illumination for sharp vizulization							
	h. X-Y Movement: Angular movement with joystick.							
	j. Floor Stand: Fixed height column moveable on four castors with cable detector							
4.	Standard accessories:							
	a. Set of sterizable caps.							
	b. Suitable On-line UPS (Brand, Model, Capacity with backup time, Country of Origin and Manufacturer- To be mentioned)							
	c. Dust Cover.							
5.	Optional accessories (if any):To be mentioned							
6.	Power Supply	Auto stabilized 220 -240 VA						
7.	Complete BOQ/BOM. All Foreign & Local supplied items to be listed separately for full range of operation of the equipment as per following table:							
	Ser	Name of item	Qty	Brand	Model	Country of Origin	Country of Manufacturer	Remarks
8.	Local Training							
	a. Operational Training			02x Operators for 01 week.				
	b. Repair/Maintenance Training			04x EM Technician for 01 week.				
9.	Warranty			05 (Five) years warranty from the date of issuance inspection note (I/Note)				
10.	After sales service			10 (Ten) years from the date of installation.				



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11.	Certificate of quality	FDA/CE/JIS Certificate must be submitted with	
12.	Books and Publication	Following books and publication will be supplied in English along with the stores free of cost. a. Operational manual – 03 Copies (01x Original & 02x Photocopies) b. Repair/Maint/Service manual including details circuit/Schematic diagrams– 03 Copies (01x Original & 02x Photocopies) c. Parts Catalogue/Master Parts list– 03 Copies (01x Original & 02x Photocopies) d. 100% Spare Parts list with price – 02 x Original copies Note: In addition to hard copy, a soft copy CD/DVD containing all books and publications will be supplied by the supplier free of cost.	
13.	If any other feature/items not listed above but required for full range of operation of the offered equipment to be mentioned and to be supplied with main		

