

RESTRICTED

2nd Time

ANX D TO
DGDP TENDER NUMBER 216.07.482.25
DATED: 31 DECEMBER 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: <ul style="list-style-type: none"> <li data-bbox="203 637 572 713">a. Nomenclature Surgical Operating Microscope for ENT with all accessories, PVMS-180336, Qty-03 Nos <li data-bbox="203 713 572 753">b. Brand To be mentioned. <li data-bbox="203 753 572 794">c. Model To be mentioned. Model must be latest. <li data-bbox="203 794 572 870">d. Name of Manufacture with Complete Address To be mentioned. <li data-bbox="203 870 572 946">e. Name of Principal with Complete Address To be mentioned. <li data-bbox="203 946 572 1022">f. Name of Local Agent with Complete Address To be mentioned. <li data-bbox="203 1022 572 1076">g. Year of Production Not before the calendar year of contract. <li data-bbox="203 1076 572 1242">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. <li data-bbox="203 1242 572 1348">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> <ul style="list-style-type: none"> <li data-bbox="203 1377 572 1417">General features: <li data-bbox="203 1417 572 1471">a. Suitable for ENT Surgery including Cochlear Implant procedures <li data-bbox="203 1471 572 1511">b. Motorized zoom, 1: 6 zoom ratio adjustable via hand grip. <li data-bbox="203 1511 572 1588">c. Motorized focus, working distance from 200 mm to 625 mm adjustable via hand grip <li data-bbox="203 1588 572 1628">d. Main Binocular Tube 0-180 Degree tiltable <li data-bbox="203 1628 572 1668">e. 10x Magnetic wide field push-in eyepiece with integrated eyecups <li data-bbox="203 1668 572 1709">f. Total Magnification 16x (without attaching magnification enhancer) <li data-bbox="203 1709 572 1749">g. TRI LED daylight illumination. <li data-bbox="203 1749 572 1803">h. Automatic iris control for adjusting the illumination to the field of view. <li data-bbox="203 1803 572 1843">j. Focus light link: working distance controlled light intensity. <li data-bbox="203 1843 572 1881">k. Display of remaining lamp life. <li data-bbox="203 1881 572 1922">l. Auto balance for all entire system axes just pushing of a button <li data-bbox="203 1922 572 1976">m. SMART DRAPE system for automatic evacuation for sterile, obstruction free microscope <li data-bbox="203 1976 572 2023">n. Speed Focus for Automatic focusing on the center of the camera field at the press of a button <li data-bbox="203 2023 572 2061">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 visualization 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 sterilizable 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:																	
	<table border="1"> <thead> <tr> <th>Ser</th><th>Name of item</th><th>Qty</th><th>Brand</th><th>Model</th><th>Country of Origin</th><th>Country of Manufacturer</th><th>Remarks</th></tr> </thead> <tbody> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>	Ser	Name of item	Qty	Brand	Model	Country of Origin	Country of Manufacturer	Remarks									
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8.	<u>Local Training</u>																	
	a. Operational Training	02x Operators for 01 week.																
	b. Repair/Maintenance Training	04x EM Technician for 02 weeks.																
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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Ser no	Description	Technical specification	To be filled up by the principal/ Manufacture
11.	Certificate of quality	FDA/CE/JIS Certificate must be submitted with	
12.	Books and Publication	<p>Following books and publication will be supplied in English along with the stores free of cost.</p> <p>a. Operational manual – 03 Copies (01x Original & 02x Photocopies)</p> <p>b. Repair/Maint/Service manual including details circuit/Schematic diagrams– 03 Copies (01x Original & 02x Photocopies)</p> <p>c. Parts Catalogue/Master Parts list– 03 Copies (01x Original & 02x Photocopies)</p> <p>d. 100% Spare Parts list with price – 02 x Original copies</p> <p>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.</p>	
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		

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