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ANX D TO

DGDP TENDER NUMBER 216.07.494.25

DATED: 27 NOVEMBER 2025

**DESCRIPTION OF TECHNICAL SPECIFICATION FOR LITHOTRIPSY MACHINE COMPLETE SET
ULTRASONIC WITH 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 /Manufacturer
(a)	(b)	(c)	(d)
1.	<u>General Specification:</u> General specifications are as under :		
	a. Nomenclature	Lithotripsy machine Complete set Ultrasonic with accessories, PVMS-NIV, Qty-01	
	b. Brand	To be mentioned.	
	c. Model	To be mentioned. Model should be latest.	
	d. Name of Manufacture with Complete Address including website	To be mentioned.	
	e. Name of Principal with Complete Address including website	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/ Equipments/ Accessories and Local supplied item to be mentioned specifically.	
2.	<u>Function/Capability:</u> To be used for Urological applications such as ureter, bladder & kidney stones.		
3.	<u>Features/Facilities:</u> Following features/facilities are to be available:		
	a. Controlling of Lithotripsy function and suction unit by both hand & foot.		
	b. Connection of Hand pieces with ultrasonic transducer and probes simultaneously.		
	c. Probes preferably should have single lumen which is capable of effective stone fragmentation & sucking out simultaneously.		
	d. Inclusion of full range of probes for fragmenting kidney, ureter & bladder stones.		
	e. Production of minimum sound.		
	f. Designing of Probe to avoid overheating.		

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4.	Technical Specification of Lithotripsy System:																		
	<u>Generator</u>																		
	a. Voltage: 90–264 VAC																		
	b. Frequency: 50/60 Hz																		
	c. Electro-medical: Class I, Type BF																		
	d. Frequency: 19,500 Hz - 21,500 Hz																		
	e. Footswitch Classification: IPX6 watertight type (except plug)																		
5.	Standard Accessories: The following accessories will be supplied along with the equipment:																		
	a. Lithotripsy System : 01 No																		
	b. Lithotripsy Probe, Reusable, 3.40 mm, length 396 mm (Approx.) : 10 Nos.																		
	c. Lithotripsy Probe, Reusable, 1.50 mm, length 564 mm (Approx.) : 05 Nos.																		
	d. Lithotripsy Probe, Reusable, 0.97 mm, length 578 mm (Approx.) : 05 Nos																		
	e. Foot Switch : 01 No.																		
6.	Optional accessories (if any):To be mentioned																		
7.	Power Supply	Auto stabilized 220 VAC $\pm 10\%$, 50/60 Hz,																	
8.	<u>Complete BOQ/BOM.</u> All Foreign & Local supplied items to be listed separately for full range of operation of the equipment as per following table:																		
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 8%;">Ser</th><th style="width: 15%;">Name of item</th><th style="width: 8%;">Qty</th><th style="width: 10%;">Brand</th><th style="width: 10%;">Model</th><th style="width: 15%;">Country of Origin</th><th style="width: 15%;">Country of Manufacturer</th><th style="width: 29%;">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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9.	Local Training																		
	a. Operational Training	02x Operators for 01 week.																	
	b. Repair/Maintenance Training	02x EM Technician for 01 Week																	
10.	Warranty	05 (Five) Years warranty from the date of lissuance Inspection Note (I/Note)																	
11.	After sales service	10 (Ten) years from the date of installation.																	
12.	Certificate of quality	FDA/CE/JIS Certificate must be submitted with offer.																	
13.	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.																	
14.	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 free of cost with main equipment.																		

