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ANX D TO

DGDP TENDER NUMBER 216.07.489.25

DATED: 20 NOVEMBER 2025

**DESCRIPTION OF TECHNICAL SPECIFICATION FOR REFRIGERATED BLOOD BAG
CENTRIFUGE 16 HOLE /BAG, 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	Refrigerated Blood Bag Centrifuge 16 Hole/Bag, PVMS-NIV, Qty-01	
	b. Brand	To be mentioned.	
	c. Model	To be mentioned. Model should be latest.	
	d. Name of Manufacture's Complete Address with web site	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/ Equipments/ Accessories and Local supplied item to be mentioned specifically.	
2.	Function/Capability: To be mentioned.		
3.	Features/Facilities: To be mentioned.		
4.	<u>Technical Specification:</u>		
	a. Capacities	16 x 500 mL Blood Bags	
	b. Maximum speed	4,700 rpm	
	c. Maximum RCF	7,187 x g	
	d. Drive system	Dura Flex high torque brushless drive technology	
	e. Imbalance tolerance	125g in opposite loads	
	f. Accumulated centrifugal effect (ACE) integrator	To be available.	
	g. Green technology	Refrigeration off when door opens; Eco-Spin wind shielded rotors	
	h. Control	Centri-Touch touchscreen interface	

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	j. Accel/ decel profiles and existing protocol emulation	11 accel, 12 decel, multiple emulation profiles						
	k. Modes	At start, at speed, time start						
	l. Step-runs	30 profile/speed/time triplets, up to 3 steps each						
	m. Maintenance tracking log	To be available.						
	n. Protocol traceability	To be available (Built-in Centri-Track run logging)						
	p. Performance range	Speed 300– 4,700 rpm; RCF 29-7,187 x g						
	q. Run time	99 hours 59 min 59 sec (1 second increment)						
	r. Pre-cooling function	To be available.						
	t. Temperature set range	–20 to 40°C, adjustable to 1°C						
	u. Other functions	Multilingual selection, on-board training videos, user logging, user lock-out, automatic door opening, automatic rotor ID, on screen-display for imbalance, over temperature, stainless steel chamber, guidance display for error messages.						
	v. Dimensions (H x W x D)	39.9 x 32.1 x 35.4 in (Appx)						
	w. Heat output	< 2 KW						
	x. Power consumption	< 5,400 VA						
5.	<u>Standard Accessories:</u> (a) Swing bucket rotor (b) Round buckets (Set of 4) (c) Adapter for 16 x 500 mL blood bags (d) Voltage Stabilizer (Capacity, Brand , Model, Country of Origin & Manufacturer are to be mentioned)							
6.	Optional Accessories (if any): To be mentioned							
7.	Power Supply	220VAC ± 10%, 50 Hz ,single phase AC.						
8.	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
9.	Local Training							
	a. Operational Training	Not required						
	b. Repair/Maintenance Training	Not required						
10.	Warranty	05 (Five) years warranty from the date of issuance Inspection Note (I/Note).						
11.	After sales service	10 (Ten) years from the date of installation.						
12.	Certificate of Quality	FDA/CE/JIS/ISO Certificate must be submitted with offer.						



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Ser no	Description	Technical specification	To be filled up by the Principal/ manufacturer
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.		

