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ANX D TODGDP TENDER NUMBER 216.07.492.25DATED: 27 NOVEMBER 2025**DESCRIPTION OF TECHNICAL SPECIFICATION FOR PICO LASER, 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	Pico Laser, 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 mentioned.		
3.	<u>Features/Facilities:</u> To be mentioned.		
4.	<u>Technical Specification:</u>		
	<u>General Specification:</u>		
	a. Feature and Benefits:		
	(1) Dual wavelength (1064 and 532nm) Pico pulsed Q-Switched Nd: YAG. Laser.		
	(2) 1064nm and 532nm are in one hand piece (Zoom and Auto Focus) maintains a consistent high peak power and 300ps pulse width that causes a more selective photo-mechanical injury to the chromospheres without damaging the surrounding healthy cellular structures.		
	(3) Top-Hat mode makes the beam shape uniform and deliver the even energy into the target pigment. It minimizes the risk of PIH, Scar or the other side effects but improves to remove the pigment equally.		
	(4) Adjustable Fluence & Frequency: Fluence setting is customizable for each patient's treatment need. Also frequency is adjustable from 0.5- 10 Hz for an effective treatment session.		
	(5) Laser Toning: For selectively destroying Melanin Pigmentation, it minimize side effect, Hypo pigmentation and soon.		



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	b. Advantages:		
	(1) Safe and with no painful, and Non-invasive treatment		
	(2) Excellent effect of clinical treatment		
	(3) Must be removal kinds of pigment		
	(4) Easy-to-use and affordable system		
	(5) Unique technology provides sufficient laser energy for efficacious result		
	(6) Non invasive treatment way, safe and effective; no down time and the client can work the next day with minimal downtime.		
	c. Applications:		
	(1) Removal of tattoos		
	(2) Removal of permanent makeup		
	(3) Removal of pigmented lesions		
	(4) Treatment of acne scars		
	(5) Treatment of melisma		
	(6) Treatment of wrinkles		
	(7) Skin Rejuvenation		
	d. Treatments: Effectively can treats:		
	(1) Epidermal Lesion (532nm): Freckle, Age Spot, Lentigo Café au lait.		
	(2) Dermal Lesion: Nevus of Ota, ABNOM, Common Nevi.		
	(3) Tattoo (532nm): Red Tattoo.		
	(4) Tattoo (1064nm): Blue & Black, Eyebrows.		
	(5) Toning: Pigmentation, PIH.		
	(6) Soft Mode soft peel (1064nm): Inflammatory Acne, Pore reduction.		
	e. System Specifications:		
	(1) 1. Laser Type: Pico Pulsed Q-Switched Nd: YAG, class 4		
	(2) Wavelength: 1064nm, 532nm		
	(3) Max.Power: 2.7 GW		
	(4) Spot Sizes : Zoom ST : 2mm - 5mm ϕ		
	Flat –Top 532: 3mm; 5mm ϕ		
	Flat –Top 1064 : 10mm; 5mm ϕ		
	Micro Spot PICO: 7x7 mm ²		
	(5) Repetition rate: 1 to 10Hz		
	(6) Pulse Duration: 300ps		
	(7) Pulse Energy: Max 800mJ		
	(8) 8. Frequency: 0.5 Hz - 10 Hz		
	(9) 9. Display: 10.1" LCD with Touch Screen or More		
	(10) Dimensions: 42x116x106cm ³ (B x T x H) (Approx)		
	(11) Cooling System: Internal cooling circuit		
	(12) Aiming Beam: 1mW/650nm Diode Laser		
	(13) Laser Safety Goggles: Appropriate wavelength supported Laser safety goggles for doctor (operator), Assistant and Patient		
	(14) Articulated Arm: 7 Lance easy axis articulated arm		
	(15) Electrical Power: 220V AC $\pm$ 10%, 50/60Hz, 13A		



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	f. Aesthetic Procedure Bed:							
	Function Description:							
	i. The bed can be overall lift with height range of 61-90 cm.(motor).							
	ii. The head can be tilted upward with a maximum angle of 75°. (motor) .							
	iii. The seat can be tilted upward with a maximum angle of 10°. (motor).							
	iv. The legs can be tilted downward, tilt range of 0°to 60°. (motor)							
	v. Open the fixed switch, adjustable length of small legs (range 0 ~12cm). (Manual) .							
	vi. Unscrew the five star knob to adjust the height of the pillow (manual).							
	vii. Open the plastic angle to adjust wrench, pillow angle:0° to 90°(manual).							
	viii. Toggle controlling clamp, the bed can be rotated 0° to 360°.							
	ix. The armrest of the head can be rotated backward to 180°.							
	x. Adjust the foot pad to make the beauty bed stable.							
	xi. Suitable for hospital and Aesthetic Clinic.							
	xii. It has a compact design, the whole bed can horizontally rotated 270 degrees, which makes it a perfect choice for even small rooms.							
	xiii. This couch comes standard with a seamless mattress, maximizing the capability to clean it and improving the hygiene.							
	xiv. The foam is made from top quality injection materials.							
	xv. Length: 185 cm(Approx) , Width: 83 cm (Approx)							
	xvi. Color: White							
5.	<u>Standard Accessories/ related Supply item: (with each unit)</u>							
	a. 05x Fuse							
	b. 01 x 6 KVA on-line UPS (As per power requirement of whole system for 30 min) to prevent the unwanted voltage and frequency fluctuation support (Brand, Model, Country of Origin & manufacturer -To be mentioned)							
	c. 01x 1.5 Ton AC Split type (Brand: General /Gree ,Model, Country of Origin & Manufacturer: To be mentioned)							
	d. Appropriate 2 x wavelength supported laser safety goggles for doctor(operator),Assistant and Patient							
6.	Optional accessories (if any):To be mentioned							
7.	Power Supply	Auto stabilized 220V AC $\pm 10\%$, 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:							
	Ser	Name of item	Qty	Brand	Mode I	Country of Origin	Country of Manufacturer	Remarks
9.	<u>Foreign Training</u>							
	a. Operational Training	01x Dermatologist for 5 days (without journey period).						
10.	<u>Local Training</u>							
	a. Operational Training	02x Dermatologist & 02x Operators for 01 week.						
	b. Repair/Maintenance Training	02x EM Tech for 01 week.						



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11.	Warranty	05 (Five) years warranty from the date of issuance Inspection Note (I/Note)	
12.	After sales service	10 (Ten) years from the date of installation.	
13.	Certificate of quality	FDA/CE/JIS Certificate must be submitted with offer.	
14.	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.	
15.	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.		

