

**PAC HOSPITAL KAMRA (DISTT ATTOCK)  
TENDER NOTICE FOR ELECTRO MEDICAL EQUIPMENT  
FINANCIAL YEAR: 2025-26**

1. Quotations are invited from the sales tax registered firms for purchase of following item according to the specifications mentioned against each for used in PAC Hospital Kamra.

<b>S No</b>	<b>Description</b>	<b>Qty</b>
(a)	Hematology Analyzer	01
(b)	Dermatoscope with Accessories	01
(c)	Ultrasound Therapy (Combined Unit)	01
(d)	Short Wave Diathermy	01
(e)	Ultrasound Machine (XARIO-100) [Local Repair] <b>SOW:- [Software installation and Linear Probe required to be replaced]</b>	01

**(a) Specifications of Hematology Analyzer:-**

- (i) **Parameter** : Minimum 20 parameters on WB mode including WBC, HCT, RCC, HB, MCV, MCH, MCHC, PLT, NEUTRO%, LYPHO%, MIX%, NEUTRO#, MIX#, RDW-SD, RDW-CV, MPV, PWD-SD, PLCR and PCT.
- (ii) **Histogram** : 3 Histogram (Minimum)
- (iii) **Throughput** : 50 samples / per or more
- (iv) **Sample Volume** : WB mode: 50 µl (Maximum)  
PD mode: 20 µl (Maximum)
- (v) **Indication of Data** : Graphic Display with Printer Facility
- (vi) **Storage Data** : 10,000 (Minimum)
- (vii) **Probe Washing** : Automatic

**STANDARD / SPECIAL CONDITION FOR HEMATOLOGY ANALYZER**

- (a) Payment as per PAC Board purchase procedure.
- (b) Item should be as per standard of ISO 13485.
- (c) Two years Warranty/Guarantee is required.
- (d) Store on receipt will be accepted after inspection by EME section of PAC Hospital
- (e) Store must be latest production series (factory new).

- (f) Packing of the store should be adequately done with absolute resistant material so as to avoid from any damage during transportation.
- (g) Free of cost installation & commissioning at PAC Hospital by the supplier.
- (h) Free of cost training on operation, maintenance and calibration of machine at PAC premises must be provided during warranty period.
- (j) OEM Conformance and Quality Assurance Certificates are required at the time of delivery.
- (k) Authorized distributor / dealer certificate of the equipment / store is required.
- (l) Country of origin and manufacturer certification JIS, FDA, CE or MHLW is required. (Any One)
- (m) Product will be acceptable only with OEM standardized packing and labeled / endorsed Part Number, Batch / LOT No, MFG / EXP Dates. No local / supplier sticker is acceptable.
- (n) If calibration is required, newly calibrated item is to be provided by the vendor.
- (p) The repair / sales Centre of the equipment / machine should be available at Rawalpindi / Islamabad / Peshawar or Attock.
- (q) At least ten years after sale spare supportability is to be provided.
- (r) Delivery period 08 to 12 weeks after signing of contract.

**(b) Specifications of Dermatoscope with Accessories:-**

- (i) Multi-LED illumination.
- (ii) High Resolution precision optic system.
- (iii) Extended field of view
- (iv) Portable
- (v) Weight : 200 to 400 gm
- (vi) Dimension : (L x W x D) 195 x 55 x 70 mm to 200 x 60 x 80 mm
- (vii) Rechargeable
- (viii) Polarized and Non-Polarized light
- (ix) Ability to capture Images
- (x) 10x optical zoom
- (xi) Tablet, Computer and Smartphone compatibility.
- (xii) Compatible Android Tablet or equivalent is required with the equipment.

**Accessories:-**

- ((a)) Adapter / Connector for Tablet or equivalent.
- ((b)) Adapter / Connector for Computer.
- ((c)) Storage Bag

**"Or Equivalent"**

**(c) Specifications of Ultrasound Therapy (Combined Unit):-**

(i)	Power Supply	:	230 Vca, 50-60Hz + 10%
(ii)	Maximum main power absorption	:	: 60VA
(iii)	Risk Class	:	IIB
(iv)	Double delay fuse	:	630mA-T
(v)	Backlit LCD display to view and check the operating parameters	:	Graphic bw 320 X 240 Pixel touch and scroll
(vi)	Stored protocols	:	40 for Electrotherapy 40 for Ultrasounds 20 Combined programs
(vii)	Storable program on the Smart Card	:	200
(viii)	Adjustable Treatment Time	:	1 – 00 minutes
(ix)	Output channel for Electrotherapy	:	2 independent outputs
(x)	Low and medium frequency currents	:	17 wave forms
(xi)	Operation	:	Constant Voltage Constant current
(xii)	Peak power	:	100 V
(xiii)	Peak power and other wave forms	:	20 mA
(xiv)	Weight	:	7 Kg
(xv)	Size	:	39 X 14 X 30 cm
<b>Ultrasound Section</b>			
(xvi)	Adjustable treatment time	:	1 – 30 minutes
(xvii)	Output channels for ultrasound	:	1
(xviii)	Emission frequency	:	1 MHz & 3 MHz $\pm$ 15%
(xix)	Adjustable duty cycle	:	10% - 100%
(xx)	Peak power in continuous mode	:	2 W /cm <sup>2</sup> $\pm$ 20%
(xxi)	Peak power in pulsed mode	:	3 W /cm <sup>2</sup> $\pm$ 20%
(xxii)	No of Probe	:	02 Therapeutic Probes required [01 x 16mm diameter 01 x 37.5mm diameter]

**(d) Specifications of Short Wave Diathermy:-**

(i)	Generator Frequency	:	27.12 MHz, $\pm$ 0.6%
(ii)	Output power	:	Continuous HF max 400W pulsed HF max 1000 W (peak)
(iii)	Pulse duration	:	ca. 400 $\mu$ s
(iv)	Pulse repetition frequency	:	15 – 200 Hz adjustable in 10 steps
(v)	Main Supply	:	230 – 240 V / 50 Hz
(vi)	Main Voltage variation	:	Approx. $\pm$ 10%
(vii)	Current consumption	:	Approx. 6 A (at 230 V)
(viii)	Dimensions	:	(W x D X H/L, without arms) 56 X 34 X 92.5 cm
(ix)	Length electrode arms	:	93 cm
(x)	Weight	:	80 Kg

**(e) Specifications / Scope of Work of Ultrasound Machine (XARIO 100):-**

- (i) Software installation required of Ultrasound Machine (XARIO 100).
- (ii) Linear Probe of Ultrasound Machine (XARIO 100) is required to be replaced.
- (iii) Probe should be compatible with the Ultrasound Machine (XARIO 100) and does not cause any malfunction / hindrance in operation of the equipment / machine.

**STANDARD / SPECIAL CONDITION FOR THE EQUIPMENT / STORE**  
**AT S NO (b), (c), (d) & (e)**

- (a) Payment as per PAC Board purchase procedure.
- (b) Store must be latest production series (factory new).
- (c) Two years Warranty/Guarantee is required for "Dermatoscope with Accessories", "Ultrasound Therapy (Combined Unit)" & "Short Wave Diathermy" & One year Warranty / Guarantee is required for both ultrasound probe & services.
- (d) Store on receipt will be accepted after inspection by EME section of PAC Hospital
- (e) Packing of the store should be adequately done with absolute resistant material  
so as to avoid from any damage during transportation.
- (f) Free of cost installation & commissioning at PAC Hospital by the supplier.
- (g) Free of cost training on operation, maintenance and calibration of machine at PAC premises must be provided during warranty period.

- (j) Product will be acceptable only with OEM standardized packing and labeled / endorsed Part Number, Batch / LOT No, MFG / EXP Dates. No local / supplier sticker is acceptable.
- (k) If calibration is required, newly calibrated item is to be provided by the vendor.
- (l) Delivery period 04 to 06 weeks after confirm purchase / repair order.
2. Sealed Technical & Commercial quotations with the title "**Tender for Electro Medical Equipment with Description**" must be submitted to the undersigned on **30 March, 2026** up to **1030 Hrs** positively. **5% Bid Security** must be present in the sealed Commercial Quotation in the name of Officer Commanding PAC Hospital Kamra. The photocopy of **5% Bid Security** with black out value column should be present in the sealed Technical Quotation to ensure that original **5% Bid Security** is present in the sealed Commercial Quotation. Tenders would be opened at **1100 Hrs** on the same date.
3. **Only one offer** can be made in relevant currency for same item and quoted price must be in **PKR**. Multiple rates, if quoted, will be rejected. Multiple quotations against the tender will also be rejected. **Validity of quotation must be upto 30 June, 2026**.
4. **Treasury Challan** Offer must be accompanied with a challan form of **Rs 3,000/-** (obtained from State Bank of Pakistan / Government Treasury) and debit able to **Major Head C02501-20, Main Head 12, Sub Head "A' Miscellaneous (Code Head 1/845/30)**. Only one offer can be made for same item on one challan.
5. **Comparison Sheet (Vis a vis)** of advertised and offered specifications and also acceptance of standard / special conditions alongwith with documentary evidence (if required) must be accompanied with technical quotation on firm's letter head.
6. **Demonstration** of quoted unit may be taken before technical scrutiny finalization if deemed necessary by the concerned specialist.
7. Previous performance of the suppliers will be considered while accepting / rejecting the tender.

**Officer Commanding**  
PAC Hospital Kamra (Attock)  
051-909902352