

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.

| S No | Description | Qty |
|-------------|--|------------|
| (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] SOW:- [Software installation and Linear Probe required to be replaced] | 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 |

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| (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 |
| Ultrasound Section | | | |
| (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 ² \pm 20% |
| (xxi) | Peak power in pulsed mode | : | 3 W /cm ² \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 μ 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.

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. Previous performance of the suppliers will be considered while accepting / rejecting the tender. Demonstration of quoted unit may be taken before technical scrutiny finalization if deemed necessary by the concerned specialist.

Officer Commanding
PAC Hospital Kamra (Attock)
051-909902352