

PAC HOSPITAL KAMRA (DISTT ATTOCK)
TENDER NOTICE FOR ELECTRO MEDICAL EQUIPMENT
FINANCIAL YEAR: 2026-27

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)	Suction Machine	02
(b)	Ultrasound Therapy (Combined Unit)	01
(c)	Air Blower Assembly (for Ventilator Hamilton C3)	01
(d)	Infusion Pump	05

(a) SPECIFICATIONS SUCTION MACHINE:-

- User friendly design, ideal for use in operation theatre room or general wards providing an efficient performance such as suction biopsy, surgery, endometrial curette, OB / GYN and abortion etc.
- A strong cabinet on back convenient for strong accessories and tools
- Low noise operation suitable for use in hospital ward and theater room.
- Vacuum pump : Oil rotary Oil-less
- Max airflow ($\pm 10\%$) : 80 LPM 70 LPM
- Max vacuum ($\pm 10\%$) : 700 mmHg
- Collection jars : 3000 ml
- Overflow prevention
- Make : Europe, UK, USA & Japan

---or Equivalent---

(b) 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
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]

(c) Specifications of Air Blower Assembly:-

- (i) Compatible with Ventilator Hamilton C3. (Above item is a part / assembly of Ventilator Hamilton C3)
- (ii) One year warranty/ guarantee required of the store / equipment from date of installation.

(d) Specifications of Infusion Pump:-

- Should be compatible with most of the IV set (macro/micro drip sets).
- Should have the following flow rates.
- IV Set ml/hr drops/min
- 15 drops/ml 3-450ml/hr 1-100drops/min
20drops/ml 3-450ml/hr 1-100drops/min
60drops/ml 1-100ml/hr 1-100drops/min
- Should have a flow rate accuracy of $\pm 10\%$ and drip rate accuracy of $\pm 2\%$.
- Should have a volume infused display from 0 to 999.9ml.
- Should have a purge and KVO facility.
- Should have an audible and visual alarm for occlusion pressure, air alarm, door open, empty, low battery.
- Should have a LCD display with backlight and graphical display of infusion
Should have a minimum 2hr battery back up at highest delivery rate.
- Should work with input 200 to 240Vac 50 Hz supply.
- Should have safety certificate from a competent authority CE / FDA (US) / STQC CB certificate / STQC S certificate or valid detailed electrical and functional safety test report from ERTL. Copy of the certificate / test report shall be produced along with the technical.
- Country of Origin : UK, USA, Japan, Western Europe

STANDARD / SPECIAL CONDITION FOR THE EQUIPMENT / STORE

- (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 "Ultrasound Therapy (Combined Unit) and one year for Air Blower Assembly.
- (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 **01 September, 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, 2027.**
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