



RFQ Of Cardiac Monitor Modular

RFQ Ref. # 01-080621R002-June-21

Pakistan Kidney and Liver Institute & Research Center is a public hospital that specializes in Liver and Kidney transplants, serving the masses with state-of-the-art facility while giving financial assistance to the deserving patients.

For following demand in our institute, please share quotation with best possible rates on or before 04.00pm 18.06.2021

S.No	Item Description	Qty
1	Cardiac Monitor Modular	15

Terms & Conditions:

1. Quotations are required only from sales tax registered firms.
2. PKLI is exempt from GST/PST.
3. Quoted price should be CPT Lahore.
4. Quotation should be printed on company letter head and duly signed & stamped.
5. Quotation is evaluated on least cost selection method.
6. Only one brand must be quoted otherwise quotation will be rejected.
7. Brand should be mentioned against each item.
8. Original sealed quotation must be delivered in Mail Section of PKLI by 18th-June-2021 not later than 4pm. **(Quotation will not be entertained through email)**
9. In case of any/further clarification please contact.
10. Samples will be required on demand by ICU department.
11. For any technical inquiry/assistant please contact Mr. Naeem Bio Medical (0335-4740672)
12. RFQ notice and specification sheet is also available for information and can be downloaded from the website www.pkli.org.pk.

Looking forward to your prompt response.



Address | HOD Procurement

Pakistan Kidney and Liver Hospital & Research Center
Package B, 2nd Floor, One PKLI Avenue, Opposite DHA Phase-6, Knowledge City,
Lahore. Tel: 92-42-111-117-554, Ext-3728, | Mobile # 0336-5061991

	Cardiac Monitor Modular.
	Technical Specifications
1	Monitoring Parameters:
	1. ECG (5 Lead)
	2. NIBP (<i>Adult & Paed</i>)
	3. SPO2 (Massimo/Motion Tolerant /Equivalent Technology FDA approved)
	4. Temperature Dual Temperature Monitoring
	5. Pulse Rate/HR.
	6. Invasive BP dual Channel
	7. Respiratory rate
	Optional ETCO2/CAPNOGRAPHY side stream (Mandatory to Quote):
2	Technical Specifications:
	Trend Time: 1-48 hours or more
	ECG Input: 5-lead ECG cable and standard AAMI Line for connection.
	Lead Choice: I, II, III, aVR, aVF, aVL, V, V1-V6. and TEST.
	Gain Choice: x0.5, x1, x2, x4
	Sweep Speed: 12.5, 25, 50 mm/sec
	HR Display Range: 30-300 BPM
	Pulse Rate Range: 30 – 250 BPM
	Arrhythmia detection, ST segment.
	Patient type: Adult, Pediatric, Neonate Respiration:
	Respiration Measurement Range: At least 0-60 P/M
	Impedance Pneumography
	2 Lead Selection. User Identified NIBP:
	NIBP Cuff inflating <30s (0-250mmhg, Standard Measuring Period: AVE< 40 S, Oscillometer
	ALARM Mode: Audio & Visual Alarm
	Adult/Pediatric Mode
	Range: Systolic 30-250mmhg.
	Diastolic 10-210 mmHg.
	Mean 20-230 mmHg
	On screen Display Systolic, Diastolic & Mean Blood pressure Required.
	Ability to display NIBP trends (up to 250 readings).

	Modes of operation: Single Measurement. Interval, 1 minute-60 minute or better
	TEMPERATURE:
	Measuring Range: 0 to 40 (°C).
	Resolution 0.1 degree Celsius
	Alarm limit setting: Upper limit 0 - 50 °C. lower limit 0 – 50 °C
	PULSE OXIMETERY:
	Spo2 % range: 0-100%
	Spo2 Accuracy ± 2% (70 -100 %)
	CAPNOGRAPHY:
	High: 60 mmHg. Low 25mmhg
	Waveform Display
	Battery Operation:
	Battery Backup at least 1-hour minimum for portable module or monitor
	Power Supply: 220 V AC ± 10 automatic change-over
	Power Failure buffer: for trend values
	Display Screen Size:
	High Resolution 12-inch or more (active display touch screen)
	Brightness: Can be manually adjusted
	Other
	Equipment alarm.
	Software Updates via interfaces
3	Accessories
	All Accessories should be from original Manufacturer. which must include;
	ECC cable for disposable electrode (Standard 5 leads) Qty: 02 with each monitor.
	NIBP Cuff 03 with each monitor (Adult, Peads, Thigh)
	Temperature sensor - Adult standard Qty 02 with each Monitor.
	SpO2 sensor reusable Qty 02 with each Monitor (Adult & Pead's)
	Dual channel IBP holder for AP transducers. Qty: 01 with each monitor
	IBP Cable Adapter Qty 02 with each Monitor
	Operation. Service manual with circuit diagrams each (Original from OEM Soft & Hard Copy both, Only 2 sets for same kind of monitor).
	Monitors Should be compatible with our existing pendants (Maquet Medical and Trump Medical). any accessories required to hang monitor with pendant will be the responsibility of the bidder.
	<i>Note</i>

	Interface Connectivity and data integration:
	Single monitor should communicate to minimum 4x Medical Equipment
	The Monitors should Support HIS/ EMR via HL7 (Including Licenses/key/integration software and Hardware).
	The monitor should be capable of exporting waveforms & numerical data to EMR continuously in real-time.
	The monitors should support On-Demand vitals query when needed.
	The monitor should be capable of sending ORU messages even if the Central Station is down
	Warranty and Extended Warranty Contract
	Three years with parts(Including sensors & Cables)
	Regulatory Compliance
	Offered Equipment must be approved from FDA (Provide 510K Number)
	Country of Origin
	USA/Japan/EU