

Terms & Conditions

1. The firm should be registered with Income Tax & Sales Tax Department (Registration Numbers should be clearly mentioned and valid documentary evidence).
2. The contract will be awarded to firms having technical compliance with the specifications, delivery time and lowest price. The department reserves the right based on need on COVID-19 to decide on the basis of delivery time &/or Lowest quoted price as the case may be after compliance with specification.
3. Submission of false statement / documents as well as concealing of any information is liable to disqualify the respective firm/s.
4. The Procuring Entity reserves the right to accept or reject all or any of the tenders as laid down in bid solicitation documents.
5. Firm shall submit an affidavit on Stamp Paper that the Firm/Company has never been blacklisted by any Government Ministry/Division/Department.
6. Incomplete, conditional and bid/s received after due date and time shall not be entertained.
7. Bidders shall provide mandatory warranty for three years with parts and services, and after mandatory warranty two years services without parts.
8. Bidders shall clearly mention in quotation the country of origin, model, and product certifications like CE, MHLW, USFDA etc. and ISO's. These mentioned documents shall preferably be submitted with the proposal, if any.
9. There is possibility of variation (increase/decrease) in quantity mentioned due to unforeseen situation in Emergency.
10. The Unit price quoted by the bidder shall be in Pakistani Rupees: inclusive of all duties, taxes & levies as per law.
11. The successful bidder/s shall be bound to submit 10% performance security before signing the contract. Non provision of the same shall lead to disqualification of the successful bidder and the purchasing agency shall have the full authority to award contract to the next highest bidder.
12. Based on the required number of equipment, multiple contracts can be awarded to fulfill the need of COVID-19.
13. The sole Agent/Authorized dealer shall have to provide a valid proof of being authorized dealer of the principal manufacturer and/ or submit affidavit for providing services as per agreement.
14. In case of failure to comply with contract provision &/or Supply order, the firm shall be processed for blacklisting.
15. Lowest Evaluated Responsive Bid shall be the Selection Criteria for this emergency Procurement shall be;
 - a. Registration of firm with Income Tax & Sales Tax Department
 - b. Compliance with the specification
 - c. Mandatory warranty provision
 - d. Compliance with certification Provision Dual certification with ICU ventilator .
 - e. Delivery Timeline as this is Emergency Procurement to Cope with COVID-19 Emergency




- f. Lowest Quoted Rates.
- 16. Submit your quotation on the below format
- 17. The delivery time of the mentioned equipment must not be more than 07 days, the firm will ensure the delivery period on stamp paper.
- 18. Any mis-lead in delivery period will lead the company to black listing.

TECHNICAL BID QUOTATION FORM:

S.No	Name of Equipment	Model & Country of Origin (Make)	Product Certifications and ISO	Compliance with ATH Specifications (Yes/No)	Available Quantity	Delivery Time (in Days)
1						

FINANCIAL QUOTATION:

S.No	Name of Equipment	Model & Country of Origin (Make)	Product Certifications and ISO	Compliance with ATH Specifications (Yes/No)	Available Quantity	Delivery Time (in Days)	Price in (Rs) (inclusive applicable taxes)
1							


(Signature)

Nadeem

LIST OF ELECTRO MEDICAL EQUIPMENTS FOR COVID-19 EMERGENCY

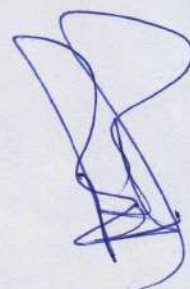
S.No	Name Of Equipment	Quantity
01	ICU Ventilator	10
02	Patient Monitor	10
03	Bi-Pap Machine with duplex mode of C-Pap	10
04	Defibrillator	05
05	Portable X – Ray Machine	02

The above mentioned quantity ^{change} increase or decrease on need basis.


Hospital Director
Ayub Teaching Hospital

ICU VENTILATOR:

- Tidal volume 50-2000ml better on either side.
- Pressure up to 80 cm H₂O
- Volume up to 120 L/min
- Respiratory rate: up to 60 breaths per minute.
- SIMV Respiratory Rate: up to 40 breaths per minute.
- CPAP/PEEP up to 20 cm H₂O.
- Pressure support up to 45 cm H₂O.
- FiO₂ between 21 to 100 %
- Inspiratory and expiratory times up to at least 2 sec and 8 sec respectively
- I:E Ratio at least from 1:1 to 1:3.
- **Modes of ventilation:**
 - a) **Volume controlled.**
 - b) **Pressure controlled.**
 - c) **Pressure support.**
 - d) **Synchronized intermittent mandatory ventilation (SIMV) with pressure support.**
 - e) **Assist / control mode**
 - f) **CPAP/PEEP**
 - g) **PSV**
 - h) **SPONT**
 - i) **MMV**
 - j) **SIGH**
- Alarms required: FiO₂, minute volume, pressure, PEEP, apnea, occlusion, high respiration rate, disconnection
- System alarms required: power failure, gas disconnection, low battery, vent inoperative, self-diagnostics
- If alarm silencing feature is incorporated, it must be temporary and clearly displayed when activated
- Air and externally supplied oxygen mixture ratios fully controllable
- Inlet gas supply (O₂) pressure range at least 35 to 65 psi
- Medical air compressor integrated to unit/Turbine with inlet filter
- With Humidifier



Multi Parameter Patient Monitor

(ECG, SpO2, NIBP, TEMP, HR/PR)

Display for easy Viewing 10" or better color TFT/LCD/ LED for easy set.

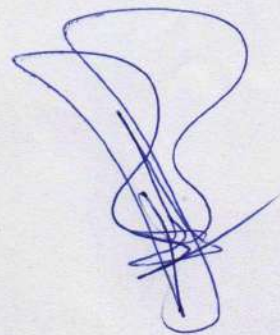
PERFORMANCE

- Heart rate
- SPO2
- Temperature
- NIBP
- Display: 10" or better

Alarm:


- Alarm: All parameters on/off selective independently
- Power input 220Vac,50Hz
- With Battery Backup
- ACCESSORIES

All standard accessories



Defibrillator

- Semi-automatic 200 joules or better biphasic defibrillator with monitor and AED mode.
- Synchronized output with ECG.
- Control of energy charging/ delivering on main panel and paddle.
- The energy range should be adjustable for Peads and adults up to 200Joules.
- Charging Time for full energy will be less than 08 sec.
- Screen Size of approx. 6 inch or better colored.
- Display of Heart Rate: 30 to 300 bpm
- ECG through Pads / paddles and 3 Lead ECG patient cable with arrhythmia detection
- Built in recorder for printing of full summery on standard paper including waveforms, Frozen Waveforms, Event Summary, Tabular Trends, User test, and Configuration.
- Alarms for High and low Heart rate, low battery warning.
- AC 220V / 50 Hz operated.
- Built-in Rechargeable battery with charger
- Auto tester/self-check.
- External pediatric and adults Paddles, ECG cable with reusable electrodes for adult &Peads.
- AED facility.
- AED pads
- Pacing facility



SPECIFICATION FOR MOBILE X-RAY MACHINE.

SYSTEM SPECIFICATIONS

- Should have small footprint
- At least 5 cassette holding capability

GENERATOR

- Should be high frequency 30kw Generator or better
- KV range: Equal or better than 40 to 120
- mA range: 300 mA or better

X-RAY TUBE

- Must be dual focal spot sizes 0.8 mm/1.3mm or better
- Must be rotating Anode type speed must be greater than 2500 RPM @ 50 Hz
- Anode heat capacity 100KHU or better
- Movable grid (14x17)

CONSOLE

- Microprocessor controlled
- KV and mA selection
- Anatomic programmed mode (APR)
- Focal spot selection
- Comprehensive 05 years warranty (including tube) should be provided.

Handwritten signature in blue ink, possibly reading "Aad".

FWD

THANK YOU

Non-Invasive BiPAP

Design to Treat:

- Obstructive Sleep Apnea
- Obesity Hypoventilation

NIV Modes:

- Auto Bi-level
- Bi-level
- CPAP

Product Specifications

Pressure Range: 4-25 cm H₂O (Auto Bilevel or Bilevel)
4-20 cm H₂O (CPAP) (.5 increments)

Ramp Time: 0 to 45 min. (5-min. increments)

Starting Ramp Pressure: 4 to min. EPAP pressure

Data Storage Capacity:

- Display: Compliance VIC. 7-Day and 30-Day averages
- SD Card: > 1 year (daily details with flow waveforms)
- Compliance Meter: Breathing detection

Complete with – One each:

- Power Adapter & Power Cord
- Air Tubing & Filter & SD card
- Carrying Case & User Manual
- Oro-Nasal Mask
- Heated Humidifier

