

NO. CPRGHK/STORE/DPDC QTN/ 3018-19 /19-20
Office of the Dean,
Chhatrapati Pramila Raje General
Hospital, Kolhapur.
Dt. 17 /03/ 2020

Sub : Quotation for Machinery and Equipments.
Ref. : As per Hon. Deans approved note Dated :17/03/2020


Sir,

Please quote your competitive rates in Indian Rupees only for the following item. This quotation procedure is subject to permission / administrative approval from Government of Maharashtra.

Sr. No.	Name of Machinery	Specification	Rate Per Unit
01	Multipara Monitor	Specification Attached Herewith	
02	Syringe Pump	Specification Attached Herewith	
03	Pulse Oxymeter (Bedside)	Specification Attached Herewith	
04	O2 Flowmeter with Bottle (Small)		
05	Jumbo O2 Flow Meter		
06	Glucometer		
07	Freeze 180 Ltr.		

Terms and Conditions :

- 1) All rights are reserved by The Dean, C.P.R. General Hospital, Kolhapur to reject any or all quotations without assigning any reason.
- 2) Material quoted should be of best quality. Samples should be made available by the supplier for demonstration at free of cost to the user department or concern purchase committee. (If required)
- 3) Sealed quotation should reach to this office on or before Date :- 18/03/2020 within 02:00PM positively. Quotation received after above mentioned date will not be entertained. This office is not liable for any delay of Post Office or Courier Agency or at any other conditions. **Supplier has to enroll the quotation at inward section of this office and has to deposit the quotation in the box kept at Machinery Store Department, C.P.R. Hospital, Kolhapur. Quotation should be prepared on suppliers Letter Head only, quotation filled on downloaded print will not be accepted and will be treated as rejected. This quotation is invited by Short Notice for Corona Disiaster.**
- 4) **Separate quotation should be submitted for each Machinery. Duly signed and stamped Quotation should be submitted on suppliers letter head only.**
- 5) Material Should be Supplied Within 24 Hours from confirm order.
- 6) If any of the above mentioned machinery, equipment is available of G.E.M., the purchase procedure for such machinery will be treated as cancelled.
- 7) The rates quoted should be inclusive of excise duty, GST, Transportation, Insurance, packing and forwarding and Fittings and Installation charges etc.. Rates should be within the market rate limits and should not be more than M.R.P. at any circumstances. At any stage of the quotation process even after completion of the process, if it is found that the rates mentioned are more than the M.R.P., the supplier is responsible for refund the difference with interest to this office.
- 8) If failed to supply the material as per required specification, then the order will be diverted to second lowest rate provider and in this case the difference between first lowest and second lowest will be born by first lowest provider.
- 9) Attach the self attested photo copies of PAN Card, GST Registration Certificate, Shop Registration Certificate (Shop Act License etc.)
- 10) Please superscript the envelope with **"QUOTATION FOR Machinery and Equipment for Corona Ward"**


Dean,
Chhatrapati Pramilaraje
General Hospital, Kolhapur.

To,
President, Website Publishing Committee and Professor And H.O.D., Dept. of P.S.M.,
C.P.R. General Hospital, Kolhapur.

Specification for Multi Para Monitor

- High resolution 12.1'' TFT screen with 14 waveform display
- Basic parameter ECG, SpO₂, NIBP, RESP, TEMP
- Upgradeable for built-in thermal recorder, dual IBP, EtCo₂, Multi gas monitoring anesthesia agent monitoring
- CNS compatible LAN/ Lunix operation system with wie fie network or RF wireless system
- Monitor function can display other monitor waveform & data through networking in any other monitor
- Function to ST segment & Arrhythmia analysis, Arrhythmia analysis can identify more then 18 kind of abnormal ECG.
- Should be MASIMO Spo₂ technology
- Patient information management functions such as patient ID, Age, Sex, Ward No, Height, Weight etc
- Unique all lead ECG on one screen display, which can facilitate the diagnosis and analysis of cardiac diseases
- Function of review 2 HOURS min one important lead ECG waveform
- Complete 7 lead ECG display
- Facility for automatic saving of setting after sudden power –off
- St segment analysis and variety of arrhythmia analysis
- Auto detection of lead drop
- Should store trend data for minimum 720 hours and has the function of displaying f Trend data and trend graph.
- Recall facility for alarm events of all parameters. NIBP measurement for last 1000 events.
- Function of alarm event review, can store 1000-1800 pieces of alarm event
- Unique modes of Auto, manual, State or quick measuring for NIBP measurements applicable for adult, infant and neonates
- NIBP measurement range for Adult , SYS 40-280 mmHg, DIA 10-220 mmHg, MEAN 20-240 mmHg
- NIBP auto measurement intervals 1min, 2 min, 3 min, 4 min, 5 min, 10 min, 15 min, 30 min, 60 min, 90 min 120 min, 180 min , 240 min, 480 min
- Electro surgical and defibrillator protection
- In built software Oxy CRG & Drug dose calculation analysis
- More than 3.5 hours of battery back-up
- Parameter display with Big character
- NIBP measurement range Adult 40-280mmhg, child 40-220mmhg, neonate 40-135mmhg, mean 20-235mmhg
- Alarm should be in Audio, Video & Display mode
- Pitch tone variation for Spo₂
- Arrhythmia & ST analysis

2) Specification for Syringe pump

- LCD with Blue backlit display
- Dual operation modes: Micro mode and continuous injection
- Double CPU to ensure safety and reliable infusion
- Anti-reverse function to prevent upstream
- Pressure release function for occlusion occurred
- Compatible with all standard syringes
- Build-in pressure detection device
- Audio and Visual Alarms
- Infusion mode should be micro & continuous injection
- Syringe should be 10ml, 20ml, 30ml, 40/60 ml compatible
- Flow rate should be
 - 10ml syringe : 1.0~300ml/h
 - 20ml syringe : 1.0~400ml/h
 - 30ml syringe : 1.0~600ml/h
 - 40/60ml syringe : 1.0~800ml/h
- Volume limit should be 0.1 to 9999.9 ml & empty mode should be available
- KVO rate should be 1ml/h
- Adjustable bolus rate mode should be available
- Should have pressure detection device with minimum C setting 20-240 kpa
- Should have inbuilt rechargeable battery with min 8 hours backup
- Weight should not be more than 2.0 kg

3) Specification for Pulse Oximeter

1. Description of Function

A Pulse oximeter is a medical device that indirectly measures the amount of oxygen in a patient's blood (as opposed to measuring oxygen saturation directly through a blood sample / and changes in blood volume in the skin, producing a photoplethysmograph).

2. Operation Requirements

Suitable for all types of patient range: Adult, Pediatric, Infant, and / or neonate

3. Technical Specifications

Display LCD, Backlight illuminated

Parameters and waveform displayed – SPO₂, pulse rate, system status, plethysmogram, menus for user settings

SPO₂, range +, - 0-100%

Accuracy of SPO₂, range +, - 3%

Pulse rate range should be 0-240 bpm

Audiovisual Alarms – High / low SPO₂ and pulse rate, sensor failure, low battery

Alarm override facility

Cable length should be minimum 1 meter

RS 232C interface for data communication

Integrated printer

Battery back up operating time 5 hours internal & rechargeable

4. System configuration, Accessories, Spares and consumables

System as specified

Reusable SPO₂: Adult SPO₂ sensor with cable two nos, per monitor, Pediatric and

Neonate SPO₂ sensors – one no, per monitor

5. Environmental factors

Shall meet IEC – 60601 -1-2: 2001 (or Equivalent BIS / General requirements of safety for Electromagnetic compatibility or should with 89/366/EEC, EMC - directive)

The unit shall be capable of being stored continuously in ambient temperature of 0-50 deg C and relative humidity of 15-90 %

The unit shall be capable of operating continuously in ambient temperature of 10-40 deg C and relative humidity of 15-90 %

Should work on 220-240V AC as well as batteries, mains adaptor to be supplied

6. User /Technical / Maintenance manuals to be supplied in English

Certificate of calibration and inspection

List of important spare parts and accessories with their part number and costing

Should provide bar diagram & plethysmograph.

Reading should not be affected by movements, cautery & defibrillation

Should have facility to connect to central station

Should be upgradeable to NIBP & E.C.G.mode.

Specification for Freeze

- 1) Storage Capacity : 180 ltr.
- 2) Voltage : 230 V / 50Hz
- 3) Door : Single Door
- 4) Phase : Single Phase