

VISAKHAPATNAM PORT TRUST
MEDICAL DEPARTMENT

TENDER FORM

No: IMED/SO/ECG & Pulse Oxy Meter/ 2019,
Dt: 31-07-2019.
Tender Due Date: **21 -08 -2019.**

You are requested to tender the sealed cover by furnishing the price for procure and supply of the following items for the use of Port Area Hospital on or before 21-08-2019 at 2.00 Pm at Dy.CMO's office of G.J .Hospital.

S.No	Description of the Item	Quantity	Cost per one item	Total cost
1.	ECG Machine Make: Phillips / G.E./ BPL	01 No		
2.	Pulse Oxymeter Make: Phillips / G.E./ BPL	01 No		

For Visakhapatnam Port Trust CHIEF MEDICAL OFFICER.	All the terms & conditions including those at the overleaf are accepted. Place: Signature of tenderer with Dt. Firm's seal.
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TENDER FOR PROCUREMENT OF ECG MACHINE & PULSE OXYMETER
(TO FILLED IN & SIGNED BY THE TENDERER)

To,
The Chief Medical Officer,
Visakhapatnam Port Trust,
Visakhapatnam – 530 035.

Sir,

Sub: Tender No: _____ for
Procurement of 1 (One) no. of ECG Machine & 1(One) no. of Pulse
Oxymeter for the use of Port Area Hospital / VPT – Reg;

I/We accept to supply of the following items for the use of Port Area
Hospital / VPT and conditions as specified in your limited tender.

S.No	Description of the Item	Quantity	Cost per one item	Total cost
1.	ECG Machine Make: Phillips / G.E./ BPL	01 No		
2.	Pulse Oxymeter Make: Phillips / G.E./ BPL	01 No		

Encl: Tender conditions duly signed & acceptance/signature of the tenderer

Name & complete Address of Tender & Tenderer M/s.

Specifications for ECG Machine:

1. ECG Acquisition : 12 bits; 1000 samples/sec/Channel.
2. ECG leads: Standard 12 Leads; acquired 12 Leads
3. Recording Sensitivity : Manual Mode: 2.5-5-10-20 mm/mV plus or minus 5%
Auto mode: Dependent on the signal strength. Optimizes automatically to 2.5-5-10-20mm/mV + or – 5%
4. Filters: Mains interference/muscle filter 25/35/45Hz/OFF -3dB anti drift filter Digital 0.5/0.15/0.25/0.5 Hz
5. Signal Memory: 10 seconds for each lead in auto mode
6. Operating modes: Manual – acquisitions and printing in real time; Auto- simultaneous acquisition
7. Input Dynamics : + or -500mV @ 0Hz; + or – 5mV in the pass band
8. Input Impedance : 50M ohms
9. Frequency response: 0.05 Hz to 150 Hz (-3dB) without mains/muscle filters.
10. Time Constant: > 3.2 sec.
11. CMRR : >110dB.

Environmental :

12. Operating Temperature : 5 degrees to 40 degrees Centigrade
Relative Humidity : 25 to 80% non condensing.
13. Standards :
Safety Standards: Compliant to class 1 type CE

Specifications for Pulse oxymeter:

SPO2

1. Patient Safety: Class 1 BF type applied part
2. Amplifier: Fully Isolated
3. SPO2 Range: 0-100%
4. Accuracy: + or – 2% between 80-100
+ or – 3% nat 70-79%
+ or – 3.5% at 0-69%
5. Low Alarm Limit Range: 50-95%
6. High Alarm Limit Range : 55-100%
7. Resolution: 1%
8. Pulse Rate Range: 30-240 BPM
9. Pulse Rate Accuracy: + or – 2BPM or 2% whichever is higher
10. Plethysmograph : Displayed on waveform channel (auto gain)
11. Data Update Period: < 13 sec.

Environmental

12. Temperature: Operating 10 to 40 degrees.
Transport and Storage -20 to 60 degrees C
13. Relative Humidity: Operating < 85% non condensing

Transport and storage 10 to 90% non condensing

Terms & conditions of tender

1. The Tenderer should be submitted in a sealed cover by furnishing the price for supply of 1 (One) no. of ECG machine & 1 (One) no. of Pulse Oxymeter in the prescribed Proforma on or before **09-08-2019** at 2.00PM at CMO's Office of G.J.Hospital.
2. Single rate should be quoted for each item and if different rates are quoted , the tender will be summarily rejected.
3. The quantity indicated in the schedule is tentative and may vary as per the requirement.
4. Quoted price should be free from corrections / erasures. In case there is any unavoidable correction, it should be properly attested. If not the quotation will not be considered.
5. The quotations must be in the form furnished by the Port Trust.
6. The Port Trust reserves the right to reject any or all the tenders without assigning any reasons thereof and does not bind itself to accept the lowest quotations.
7. The Port Trust reserves the right to modify the quantity specified in this enquiry.
8. Local service engineer should be available.

Name & complete Address of Tender & Tenderer M/s.