



क्रमांक /No. AIIMS/R/CS/T&E/19/008/LPC

दिनांक: 29/04/2019

Notice for inviting Quotation for 12 Channel ECG Machine for Trauma & Emergency Department at AIIMS Raipur.

कोटेशन सुचना
QUOTATION NOTICE

Sealed quotations are invited from intending registered Stockiest/ Distributors having GST/ relevant documents for supply of 12 Channel ECG Machine for Trauma & Emergency Department at AIIMS, Raipur should be submitted to Medical College Building, 2nd Floor, Gate no. 05 office of Store Officer up to 3:00 pm on **08th May 2019**, item description as per detailed bellow.

स. क्र. S. N.	सामग्री का विवरण Description of Item	मात्रा Qty.	HSN Code	ब्रांड Make/ Brand/ Model	इकाई दर Unit Price in ₹	कर GST in %	कर सहित इकाई दर Unit Price Incl. GST	कुल रकम Total Price in ₹.
1.	12 Channel ECG Machine विनिर्देश: (Specification): Detail technical specification as per Annexure-I	01 No						

नियम एवं शर्तें:

Terms & Condition:

1. Rate should be mentioned in word and figures both.
2. Taxes/GST, if any (Should be clearly mentioned).
3. Delivery Schedule – within 15 days from the date of issue of PO.
4. No any additional documents related to this NIQ will be entertained after opening of NIQ.
5. Price should be F.O.R. Destination basis (Trauma & Emergency Department).
6. LD @ 0.5% of delayed supply per week or part of week for delay of supply of material subject to maximum up to 10% of delayed supply should be deducted.
7. Quotation No/Name and Due date of opening must be written on top of the envelop.
8. 100% payment against received and acceptance of material.
9. No claim will be entertained regarding interest on any payment.

10. Where there is a statutory requirement for tax deduction at source, such deduction towards income tax and other tax as applicable will be made from the bills payable to the Supplier at rates as notified from time to time.
11. No payment shall be made for rejected stores. Rejected equipment's must be removed by the supplier within two weeks of the date of issue of rejection advice at their own cost & replace immediately. In case these are not removed these will be auctioned at the risk and responsibility of the suppliers without notice.
12. **Brand and make should be clearly mentioned in offer as well as tender/quotation specific authorization may be submit with the offer/Bid.**
13. GST rate applicable on your quoted item may please be confirmed. HSN code for each item should be clearly mentioned.
14. Please confirm if there any change (Upward/Reduction) in your Basic Price structure. And you are also requested to pass the Input Credit as per the following Anti Profiteering Clause of GST.
"Upon Implementation of GST, any reduction in the rate of tax on supply of goods or service or the benefit of input tax credit shall be passed on to AIIMS Raipur by way of commensurate reduction in the prices".
15. The GST registration details may please be furnished.
16. AIIMS Raipur reserves the right to place the order for full or part quantity to one or more items.
17. RTGS detail required for payment purpose.
18. Warranty: 01 Year.
19. No part supply of part payment will be entertained.
20. Validity of offer should not be less than 90 days.
21. Supply, installation and commissioning will be done by firm (if applicable).
22. The quantity shown in above requirement column are totally tentative, it can be increase and decrease at the time of placement of purchase order.

भंडार अधिकारी
एम्स रायपुर (छ.ग.)

Annexure-I

Sl. No.	Item Description
1.	<p>Specifications For 12 Channel ECG Machine with 7 Inch Colour TFT- LCD display, full qwerty keypad, recording paper 210mm width battery backup</p> <p>ECG Machine is primary equipment to record ECG Signal in various configurations. 12 Channel with interpretation is required for recording and analysing the waveforms with special software.</p> <p>1. Operational Requirements</p> <ol style="list-style-type: none">The ECG Machine should be able to acquire all 12 Leads simultaneously and interpret them.Should be easily portable & should be provided with Handle. <p>2. Technical Specification</p> <ol style="list-style-type: none">Should acquire simultaneous 12 lead ECG for both adult and pediatric patients.Should be upgradeable to 18 lead ECG.Should have Real time Color LCD display of ECG waveformsSensitivity: 10 mm/mV $\pm 2\%$,Common mode rejection ratio: ≥ 100 dB,Frequency response: 0.05 Hz to 150 Hz ,Electrode check: Every electrode except N(RF),Waveform status detection: Electrode detachment<ol style="list-style-type: none">Should have Artifact, Hum, Drift & EMG suppression Filters.Should have an inbuilt storage memory of at least 400 ECGs with easy transfer by optional data card.Should display all 12 lead waveforms on the screen for quality assessment checks prior to print.Should have interpretation facility of the amplitudes, durations and morphologies of ECG waveforms and associated rhythm for adult and pediatric patients. (Approx, 200 Clinical Findings and 5 Judgemental categories)Analysis sampling rate: 500 samples/s ,Acquisition sampling rate: 8000 samples/s<ol style="list-style-type: none">Should have facility of 1 minute cascaded ECG recording & rhythm recording for 1 or 3 chShould have auto extended recording when arrhythmia is detectedShould have alphanumeric Keyboard for patient ID Entry (virtual or hard keys)Should have High resolution 210 mm size printer using thermal sensitive paper.Should have battery capacity of at least 30 minutes of continuous rhythm recording on single charge.Recording data: Program type, version, date and time, paper speed, sensitivity, lead name, filter, hospital name, patient information (ID number, name, sex, age), timing mark, event mark, electrode detachment, Noise.<ol style="list-style-type: none">Display: Color LCD/TFT adjustable Screen of 7" size.Weight – approx 2.5KgEasy data transfer by wired & Wireless LAN(option)Wired/Wireless connectivity to Network printerECG Viewer Software- OptionBar code reader – OptionDICOM Compatibility- OptionUpgradeability- To 18 Lead ECG <p>3. System Configuration Accessories, spares and consumables</p> <ol style="list-style-type: none">ECG Machine with Interpretation facility-01

	<ul style="list-style-type: none"> b. 12 Lead Patient Cable-01 c. Chest Electrodes Adult-(set of six) -01 sets. d. Chest Electrodes Pediatric-(set of six) -01 sets e. Thermal Paper 210 mm Size 5 rolls <p>4. Environmental factors Shall meet IEC-60601-2-51-“Essential performance of recording and analyzing single channel and multichannel electrocardiographs”</p> <p>5. Protection against electric shock, Defibrillator & Harmful ingress of water.</p> <p>6. Power supply</p> <ul style="list-style-type: none"> a. Power input to be 220-240VAC, 50Hz fitted with Indian pit b. Should be FDA or CE approved product c. Electrical safety conforms to standards for electrical safety IEC-60601-1 General Requirements and IEC-60601-2-25 Safety of Electrocardiograms. <p>Documentation: User manual in English</p>
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