

Tender  
For  
ECG Machine  
At

All India Institute of Medical Sciences, Jodhpur

NIT No. : Admin/General/71/2013-AIIMS.JDH.  
NIT Issue Date : June 22, 2013.  
Last Date of Submission : July 05, 2013 at 3:00 PM.



**All India Institute of Medical Sciences, Jodhpur**  
Basni Phase - II, Jodhpur – 342005, Rajasthan  
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All India Institute of Medical Sciences (AIIMS), Jodhpur, Rajasthan, an apex healthcare institute being established by Parliament of India under aegis of Ministry of Health & Family Welfare, Government of India, invites sealed tenders for supply & installation of the following items at the institute. You are requested to quote your best offer along with the complete details of specifications, terms & conditions.

S.No.	Item Description	Quantity
1.	ECG Machine	02

(Refer Details as per Annexure-'I')

Quotation should be sealed and superscribed with tender number and address to:

“Administrative Officer  
All India Institute of Medical Sciences, Jodhpur  
Basni, Phase-II  
Jodhpur-342005, Rajasthan”.

The sealed quotations should reach the Institute, latest by July 05, 2013 at 03:00 PM and it will be opened on same day at 04:30 PM in the Project Cell, Residential Complex, AIIMS, Jodhpur in the presence of the bidder(s) or their authorized representative(s), who will present at the scheduled date and time.

**Terms & Conditions:**

- 1. Earnest Money Deposit:** The bidder shall be required to submit refundable amount of Rs. 10,000/-(Rupees Ten Thousand only) as Earnest Money Deposit (EMD) and a non-refundable tender fee for an amount of 1,000/-(Rupees One Thousand only) by way of demand drafts only. The demand drafts shall be drawn in favour of “**All India Institute of Medical Sciences, Jodhpur**”. The demand drafts for earnest money deposit must be enclosed in the envelope containing the technical bid.

The EMD of the successful bidder shall be returned after the successful completion of contract / order and for unsuccessful bidder(s) it would be returned after award of the contract. Bid(s) received without demand drafts of EMD will be rejected.

The firms who are registered with National Small Industries Corporation (NSIC) / OR Small Scale Industrial (SSI) are exempted to submit the EMD (copy of registration must be provide along with)

- 2. Rate:** Rate should be quoted in Indian Rupees (INR) on **DOOR Delivery Basis** at AIIMS, Jodhpur, Rajasthan, Inclusive of all the Charges, with break-ups as:
  - Basic Cost.
  - VAT /CST as applicable.
  - Total Cost (F.O.R at AIIMS Jodhpur).

- 3. Validity:** The quoted rates must be valid for a period for 120 days from the date of closing of the tender. The overall offer for the assignment and bidder(s) quoted price shall remain unchanged during the period of validity. If the bidder quoted the validity shorter than the required period, the same will be treated as unresponsive and it may be rejected.

In case the tenderer withdraws, modifies or change his offer during the validity period, bid is liable to be rejected and the earnest money deposit shall be forfeited without assigning any reason thereof. The tenderer should also be ready to extend the validity, if required, without changing any terms, conditions etc. of their original tender.

- 4. Warranty / Guarantee:** Bid must be quoted with two (02) year comprehensive on-site warranty / guarantee and it will be started from the date of the satisfactory installation / commissioning of goods, against the defect of any manufacturing, workmanship and poor quality of the components. Warranty would be followed by Three (3) year CMC (Comprehensive maintenance contract with spares) @ 4% of the cost of the ECG Machine with 5% increment every year. Vendor would submit list of Consumables required for running the machine along with its cost.
- 5. Delivery & Installation:** All the goods ordered shall be delivered & installed within 2 weeks from the date of issuing purchase order. All the aspects of safe delivery, installation and commissioning shall be the exclusive responsibility of the supplier.

If the supplier fails to delivered, installation and commissioning of the goods on or before the stipulated date, then a penalty at the rate of 2% per week of the total order value shall be levied subject to maximum of 10% of the total order value.

- 6. Performance Security:** The supplier shall require to submit the performance security in the form of irrevocable Bank Guarantee (BG) / or Fixed Deposit Receipt (FDR) issued by any Nationalised Bank for an amount of which is equal to the 10% of the order value and should be kept valid for a period of 30 day beyond completion of all the contractual obligation, Including CMC period.

**7. Payment Term:**

- 90% payment of the total order value shall be released after the successful installation/ commissioning of the ordered goods against the submission of the test report.
  - Balance 10% of the order value shall be released after the submission of the performance security.
- 8.** Bidder shall submit a copy of the tender document and addenda thereto, if any, with each page of this document should be signed and stamped to confirm the acceptance of the entire terms & conditions as mentioned in the tender enquiry document.
- 9.** Signed & stamped compliance sheet of the technical specification of the goods with technical printed literature must be enclosed with the bid.

10. After due evaluation of the bid(s) Institute will award the contract to the lowest evaluated responsive tenderer.

11. Conditional bid will be treated as unresponsive and it may be rejected.

The Institute reserves the right to accept in part or in full or reject any or more quotation(s) without assigning any reasons or cancel the tendering process and reject all quotations at any time prior to award of contract, without incurring any liability, whatsoever to the affected bidder or bidder(s).

12. Equipment will be supplied only authorised manufacturer and authorised distributor.

13. The system should be U\$ FDA or European CE approved.

14. Contract may terminate at any time without any prior notice if service of tenderer not found satisfactory.

**15. Preparation and Submission of Tender :**

The tender should be submitted in two parts i.e. Technical Bid and Financial Bid. The "Technical Bid for ECG Machine" and "Financial Bid for ECG Machine". Both Sealed Envelopes should be kept in a main/ bigger envelope superscribed as "Tender for Supply of ECG Machine".

**16. Applicable Law:**

- The contract shall be governed by the laws and procedures established by Govt. of India, within the framework of applicable legislation and enactment made from time to time concerning such Commercial dealings / processing.
- Any disputes are subject to exclusive jurisdiction of Competent Court and Forum in Jodhpur, Rajasthan, India only.
- The Arbitration shall be held in accordance with the provisions of the Arbitration and Conciliation Act, 1996 and the venue of arbitration shall be at Jodhpur. The decision of the Arbitrator shall be final and binding on both the parties.
- Force Majeure: Any delay due to Force Majeure will not be attributable to the supplier.

**Annexure-I****TECHNICAL SPECIFICATIONS ECG Machine****1 Description of Function**

- 1.1 ECG Machine is a primary equipment to record ECG Signal in various configurations. 12 channels with interpretation is required for recording and analyzing the waveforms with an inbuilt software.

**2 Operational Requirements**

- 2.1 The ECG Machine should be able to acquire all 12 Leads simultaneously and interpret them.

**3 Technical Specifications**

- 3.1 Should acquire simultaneous 12 lead ECG for both adult and paediatric patients.
- 3.2 Should have Real time Colour display of ECG waveforms with signal quality indication for each lead.
- 3.3 Should have Artefact, AC, and low and high pass frequency filters.
- 3.4 Should have a storage memory of at least 100 ECGs with easy transfer by modem and data card.
- 3.5 Should have full screen preview of ECG report for quality assessment checks prior to print.
- 3.6 Should have interpretation facility of the amplitudes, durations and morphologies of ECG waveforms and associated rhythm for adult and paediatric patients.
- 3.7 Should have alphanumeric Keyboard for patient data Entry. (virtual or hard keys).
- 3.8 Should have High resolution (200 dpix500dpi on 25 mm/sec speed) digital array A4 size printer.
- 3.9 Should have report formats of 3 x4; 6 x2, Rhythm for up to 12 selected leads; 12 Lead Extended measurements, 1 minute of continuous waveform data for 1 selected lead.
- 3.10 Should have battery capacity of at least 30 ECGs or 30 minutes of continuous rhythm recording on single charge.
- 3.11 Should be able to be connected to HIS /LAN/Wireless LAN.
- 3.12 Should display ECG on LCD/TFT Display of 640x480 pixel resolution.
- 3.13 USB Support for Storage on external portable memories.
- 3.14 Multimode of ECG Storage capability, 150 ECG on Internal Flash Memory.

**4 System Configuration Accessories, spares and consumables**

- 4.1 ECG Machine 12 Leads with Interpretation - 01
- 4.2 Patient Cable -02
- 4.3 Chest Electrodes Adult-(set of six) -02 sets.
- 4.4 Chest Electrodes Paediatric-(set of six) -02 sets
- 4.5 Limb Electrodes(set of 4)- 02 sets of Adult and 02 sets of Paediatrics
- 4.6 Thermal Paper A4 Size for 500 patients

**5 Environmental factors**

- 5.1 The unit shall be capable of being stored continuously in ambient temperature of 0 - 50deg C and relative humidity of 15-90%
- 5.2 The unit shall be capable of operating continuously in ambient temperature of 10 -50deg C and relative humidity of 15-90%
- 5.3 Shall meet IEC-60601-1-2:2001(Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility or should comply with 89/366/EEC; EMC-directive.

**6 Power Supply**

- 6.1 Power input to be 220-240VAC, 50Hz fitted with Indian plug

**7 Standards, Safety and Training**

- 7.1 Should be FDA, CE,UL or BIS approved product.
- 7.2 Electrical safety conforms to standards for electrical safety IEC-60601-1 General Requirements and IEC-60601-2-25 Safety of Electrocardiograms.  
(OR EQUIVALENT BIS Standard)

**8 Documentation**

- 8.1 User Manual in English
- 8.2 Service manual in English
- 8.3 List of important spare parts and accessories with their part number and costing
- 8.4 Certificate of calibration and inspection.
- 8.5 Log book with instruction for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out
- 8.6 List of Equipment available for providing calibration and routine Preventive Maintenance Support. As per manufacturer documentation in service/technical manual.

**Annexure-II****Inviting of sealed quotations for supply and installation of ECG Machine in the Department of Paediatrics at AIIMS, Jodhpur****TECHNICAL BID**

Name of Firm/Contractor/Supplier	
Complete Address & Telephone No.	
Name of Proprietor/Partner/Managing Director/Director.	
Phone & Mobile No.	
Name and address of service centre nearby Jodhpur.	
Whether the firm is a registered firm Yes/No (attached copy of certificate)	
PAN No. (enclose the attested copy of PAN Card)	
Service Tax No. (enclose the attested copy of Service Tax Certificate)	
VAT No. (enclose the attested copy of VAT Certificate)	
Whether the firm has enclosed the Bank Draft/Pay Order/Banker's cheque of Rs.10,000/- as Earnest Money Deposit.	
Whether the Firm/Agency has signed each and every page of Tender/NIT	
Please provide full list consumables.	
Any other information, if necessary	

Authorized signatory of the bidder with seal.

**Annexure-III****Format for Financial Bid**

(To be submitted on the letterhead of the company / firm)

<b>S.No</b>	<b>Name of Item</b>	<b>Quantity</b>	<b>Rate</b>	<b>Vat/Taxes</b>	<b>Amount</b>
1.	ECG Machine	2			
	<b>Grand Total</b>				

1. I/We have gone through the terms & conditions as stipulated in the tender enquiry document and confirm to accept and abide the same.
2. No other charges would be payable by the Institute.

Authorized signatory of the bidder with seal.