

Invitation of quotation
for
Supply of 12 Lead ECG Machine
At

All India Institute of Medical Sciences, Jodhpur

Inquiry No.: : Admin/Gen/09-05/2022-AIIMS.JDH

Inquiry Issue Date : 06th May, 2022

Last Date of Submission : 12th May, 2022 at 03:00 PM.



All India Institute of Medical Sciences, Jodhpur

Basni Phase - II, Jodhpur – 342005, Rajasthan

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**Invitation of quotation for Supply of 12 Lead ECG Machine at
AIIMS Jodhpur**

Sealed Quotations are hereby invited by the undersigned on behalf of the Director, AIIMS Jodhpur for Supply of 12 Lead ECG Machine for the Institute as per terms & conditions mentioned below. The filled quotations along with all the required document must reach in the office of the undersigned on or before 12.05.2022 03:00 PM. The Envelope containing the quotation would please be sealed and super scribed as under:-

**“QUOTATION FOR SUPPLY OF 12 LEAD ECG MACHINE AGAINST
INQUIRY NO. ADMN/GEN/09-05/2022-AIIMS.JDH” DUE ON 12.05.2022
03:00 PM”**

1. Terms & Conditions:

- A) The quotations received after this deadline & unsealed shall not be entertained under any circumstances whatsoever. In case of postal delay this Institute will not be responsible. **The offer Submitted Fax/Email shall not be considered and no correspondence will be entertained in this matter.**
- B) Quotations must be in the enclosed prescribed Performa on the letter head of the firm duly signed by the Proprietor/ Partner/ Director or their authorized representative, In case of signing of quotation by the authorized representative letter of authorization must be attached with the quotation. Quotation must be dropped in “**Quotation Box**” located in Administration Block of AIIMS, Jodhpur.
- C) Rates must be quoted in **Indian rupees** and as per the format specified taxes extra if any must be written separately.
- D) Rates must be quoted FOR basis (including Freight charges, Insurance, installation etc.)
- E) No overwriting or cutting is permitted in the rate. If found, the quotation shall be summarily rejected.
- F) The rates quoted must be valid for 60 days minimum from the date of opening of the quotation and silence of any tendered on this issue shall be treated as agreed with this condition.
- G) Becoming L1 will not be the criteria for awarding of purchase order unless the rates are reasonable & justified.
- H) RTGS/NEFT details need to be furnished by the supplier with the quotation on the letter head of supplier/firm/agency.
- I) The firm/agency may satisfy the following conditions and attach self-attested copy of the same with the quotation:
- Firm shall be registered with the Government of Rajasthan / Central Government.
 - The firm shall have valid GST No.
 - **The firm should not be black listed by any Govt. Agency/Dept.**
- J) Quotations qualified by such vague and indefinite expressions such as “subject to prior

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confirmation”, “subject to immediate acceptance” etc. will be treated as vague offers and rejected accordingly. Any conditional quotation shall be rejected summarily.

- K) **Delivery Period** – within 30 days from Purchase order.
- L) **Liquidated Damage:** - If the supplier fails to deliver the material on or before the stipulated date, then a penalty at the rate of 0.5 % per week of the total order value shall be levied subject to maximum of 10% of the total order value.
- M) **Payment Terms:** Payment will be only after satisfactorily delivery / commissioning of material and after inspection by the AIIMS Jodhpur.
- N) **Disputes:** -In the event of any dispute or disagreement arising between the contractors and any other department of AIIMS Jodhpur with regards to the interpretation of “Terms & Conditions” of this inquiry, the same shall be referred to the Director, AIIMS Jodhpur whose decision will be final and binding upon the contractor.
- O) AIIMS, Jodhpur reserves the right to increase or decrease quantity and / or amount of work. Decision of Quantity of material in the AIIMS, Jodhpur will be final in this regard.
- P) AIIMS, Jodhpur reserves the right to reject any quotation or part or the whole of inviting quotation process without assigning any reason. Decision of the AIIMS, Jodhpur will be final in this regard.

2. Special Terms & Conditions:

- A) **Bidder must quote the product as per specification provided in Annexure 1.**
- B) **Catalog must be attached with quotation for technical evaluation.**
- C) **The supplier may be asked to arranging demonstration of their equipment for which rates have been quoted, to the AIIMS Jodhpur, if required. The expenditure incurred for demonstrating the items will be borne by the supplier.**

Deputy Director (Admin)

Encl.: Annexure 1 (Specification)
Annexure 2 (Format of price bid)

Annexure 1

S. No.	Particular	Qty.
1.	12 Lead ECG Machine	01 Nos.

Specifications:-

1. Should acquire simultaneous 12 lead ECG for both newborn and young pediatric patients.
2. Should have Real time Color display of ECG waveforms with signal quality indication for each lead. TFT Display size 6.5-Inches or more.
3. Full disclosure of each leads for 5 min with complete ECG report of any 10 seconds with continuous patient heart rate display
4. Should have Artifact, AC, and low and high pass frequency filters.
5. Should have a storage memory of at least 200 numbers 12 lead ECGs with easy transfer by Pen drive
6. Should have full screen preview of ECG report for quality assessment checks prior to print.
7. Should have interpretation facility of the amplitudes, durations and morphologies of ECG waveforms and associated rhythm for newborn patients.
8. Should have alphanumeric Keyboard for patient data Entry. (Virtual or hard keys).
9. Should have High resolution maintenance free digital array A4 size printer.
10. Should have report formats of 3 x4; 3x4 1R, 6x2, 12x1 Rhythm for up to 12 selected leads
11. Standard measurements with Integrated pediatric analysis also preferable with newborn analysis software having capability of interpreting normal / abnormal ECG in newborns based on newborn data
12. Should measure standard wave interval, duration, and axis measurements, Configurable QT correction method, Rhythm strips Up to 12 configurable leads.
13. Battery Recharge: Should have battery capacity of at least 25 ECGs or 30 minutes of continuous rhythm recording on single charge.
14. Li-Ion battery for printing at least 30 ECG on full charge battery
15. Should be Unpartable to be connected to HIS /LAN/Wireless LAN and machine should be able to transfer ECG over wifi/LAN network to any other PC/Laptop in PDF format
16. ECG Machine must be upgradable to have advanced bi-directional network communication supported by standard HL7 and DICOM interfaces via ECG gateway system for departmental & hospital systems
17. Should display ECG on LCD/TFT Display of 640x480 pixel resolution.
18. USB Support for Storage on external portable memories.
19. Multimode of ECG Storage capability, 30 ECG on Internal Flash Memory.
20. Should have Defibrillation Protection.
21. Should be capable of simultaneously acquisition of 12 channel, analysis, storage, printing, and accessing previous ECGs with ease of a simple touch operation with ease and speed.
22. User's interface both: Manual/automatic
23. Power Requirements: Power input to be 220 - 240VAC, 50-60Hz fitted with Indian three pin plug or European three pin with both plug and matching female socket.
24. Accessories, Spare parts (main ones); and Consumables (mandatory)
 - ECG Machine 12 Leads with Interpretation based on Integrated pediatric analysis and preference would be given having newborn algorithm Software or a commitment to help in developing this software.
 - Patient Cable: long patient Cables i.e. Extended-length lead wires enabling greater distances between the patient Cable and the patient connections. Patient cable reusable for Pediatric at least 1 set.
 - Chest Electrodes Reusable Pediatric (set of 2) -02 sets reusable: each set should have at least 6 for V1 to V6; Bulb should be small, soft for Pediatric patient
 - Limb clamp reusable Electrodes (set of 2) 02 sets of Pediatrics each set has 4 limb clamps. Disposable Tab electrodes for neonates (34/13mm) or smaller for 100 newborns.

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- Clips and Adaptor for tab electrodes should be such that it should be easy and should avoid twisting or stretching.
 - Should have High resolution (200 dpi x 500 dpi on 2550 mm/sec speed) maintenance free digital array A4 size printer
 - Thermal Paper A4 Size packs (pack of 100) – 20 nos.
 - Supplied with suitable Trolley with robust wheels; Trolley should be made powder coated frame with SS304 grade to f/SS.
25. Atmosphere / Ambiance (air conditioning, humidity, dust) 1. The unit shall be capable of operating continuously in ambient temperature of 10- 50 deg C and relative humidity of 15 - 90% 2. 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.
26. User's care, Cleaning, Disinfection & Sterility issues Page | 3 Disinfection: Parts of the Device that are designed to come into contact with the patient or the operator should either be capable of easy disinfection or be protected by a single use/disposable cover.
27. STANDARDS AND SAFETY 1. US FDA/ European CE approved equipment. Certificate to be enclosed with bid. 2. Certificates from any medical college using this equipment for newborns regarding Performance 3. Safety standards (specific to the device type); Local and/or international (not compulsory); 4. Electrical safety conforms to standards for electrical safety IEC – 60601 -1 5. General Requirements and IEC-60601-2-25 Safety of Electrocardiograms. (OR EQUIVALENT BIS Standard)
- TRAINING AND INSTALLATION Pre-installation requirements:
 - Availability of 5-amp socket
 - Safety and operation check before handover.
 - Training of staff (medical, paramedical, technicians)
 - Training of users on operation and basic maintenance.
 - Advanced maintenance tasks required shall be documented and given in print
28. WARRANTY AND MAINTENANCE
- Warranty 2 years followed by CMC for at least 1 years
 - Maintenance tasks: Maintenance manual detailing.
 - Complete maintenance schedule.
 - Service contract clauses, including prices a. All spare parts and consumables should be available with supplier or principals for a period of at least 10 years. b. In case of any change of dealership in future the Manufacturer should undertake the responsibility of maintaining the equipment through the next dealer.
 - List of essential spares, accessories, expendables and consumables expected to be used in should be quoted separately. Prices so quoted to be frozen for entire duration of warranty and CMC
29. Operating manuals, service manuals, other manuals
- User Manual in English
 - Service manual in English
 - List of important spare parts and accessories with their part number and costing for next 5 years
 - Certificate of calibration and inspection.
 - Logbook 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
 - List of Equipment available for providing calibration and routine preventive maintenance support, as per manufacturer documentation in service/technical manual.

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- Other accompanying documents a. List of important spares and accessories, with their part numbers and cost b. Service Support Contact details (Hierarchy Wise; including a toll free/landline number). c. Contact details of manufacturer, supplier and local service agent to be provided d. Any Contract (AMC/CMC/ad-hoc) to be declared by the manufacturer e. Recommendations or warnings: Any warning signs would be adequately displayed

Note: -

- ❖ **Catalog/ Brochure must be attached for Technical Evaluation.**
- ❖ The supplier may be asked to arranging demonstration of their equipment for which rates have been quoted, to the AIIMS Jodhpur, if required. The expenditure incurred for demonstrating the items will be borne by the supplier.

[On the letterhead of firm]

ANNEXURE "2"
PRICE BIDFORM

To,

Deputy Director (Admin),
AIIMS, Jodhpur.

Dear Sir,

1. I/We Submitted the quotation for Enquiry No. "QUOTATION FOR SUPPLY OF 12 LEAD ECG MACHINE AT AIIMS AGAINST THE INQUIRY NO. Admn/Gen/09-05/2022-AIIMS.JDH" DUE ON 12.05.2022 03:00 PM for Supply of 12 Lead ECG Machine at AIIMS Jodhpur".
2. I/We thoroughly examined, understood and accepted terms & conditions given in the enquiry document, failing which my quotation will be rejected out rightly.
3. I/We hereby offer to supply at the following rates.

S. No	Particular	Qty.	Quoted Make	Price/Unit Exclusive of GST (INR)	GST/Other Taxes	Price/ Unit Inclusive of GST (INR)	Total Cost Inclusive of GST (INR)	MRP
1.	12 Lead ECG Machine Specification:- As per annexure – 1	01 Pcs.						

Note:-

1. **The Bidder must quote only single Make & Model.**
2. The bidder must quoted their quotation only in above said format on the letter of firm otherwise quotation will be **REJECTED**.
3. Catalog must be attached with quotation for technical evaluation.
4. The supplier may be asked to arranging demonstration of their equipment for which rates have been quoted, to the AIIMS Jodhpur, if required. The expenditure incurred for demonstrating the items will be borne by the supplier.

Date _____

(Name) _____

Place _____

Name of Firm/Company/Agency _____

GSTIN No.: _____

Bank Name:- _____

Bank Account No.: _____

IFSC Code:- _____

Branch Name: _____

Phone No. _____

Email: _____

(Signature of Authorized Person) _____

Seal: _____