

JAWAHARLAL INSTITUTE OF POST-GRADUATE MEDICAL EDUCATION & RESEARCH

(Institution of National Importance Under Ministry of Health & Family Welfare, Government of India)

Dhanvantari Nagar, Puducherry-605 006.

No.PUR/JIP/URO/ERRC/2013-14/1

Date:30-10-2013

TO

Dear Sirs,

Sub: JIPMER- Supply of DefibrillatorLimitedTender Invited-Reg.

Please quote your lowest rates for supply of the Defibrillator as per the list given overleaf / attached, subject to the following terms and conditions:

1. Rates should be quoted only for the items which are available in stock and can be supplied immediately on receipt of order.
2. Only 5% CST or VAT is applicable.
3. No insurance charges are payable as per the rules in the Government. As such, the firms before quoting may take into consideration all the risks in the transit and then furnish Limited Tender which should cover insurance charges also. If any point is raised as regards insurance charges after orders are issued, the same will not be entertained and the firms thereafter should effect the supply at their own cost.
4. Rates should be quoted F.O.R, Puducherry, Extra packing, forwarding charges etc. should not be quoted.
5. Delivery is required urgently. Tenders should please state the guarantee delivery period they can offer. As delivery date is essence of the contract, this should be strictly adhered to by the successful tenders.
6. No supply which is not according to the specifications and not meeting our requirement will be accepted.
7. The Director shall have the right of rejecting the Limited Tender in whole or part without assigning any reason therefore.
8. In case of high precision instruments the firms should give a guarantee certificate for their satisfactory performance.
9. If the tender quotation value exceeds Rupees two lakhs, before sending their quotations the firms participating in the limited tender must have registered their firms with purchase section of JIPMER.
10. Limited tender quotations should be sent only by Certificate of Posting/Registered Post/Speed Post. Hand quotations are not accepted.

Please furnish you limited tender in a sealed cover superscribing as:

Limited tender for Defibrillator

Enq: No.PUR/JIP/URO/ERRC/2013-14/1

Department of Urology

Due Date: 13-11-2013

Limited tender should reach this office on or before 13-11-2013 by 4:00pm. Limited Tender received after the due date will be summarily rejected.

Yours faithfully

(For DIRECTOR)

TECHNICAL SPECIFICATIONS OF DEFIBRILLATOR

Name of the equipment: Defibrillator (2 units)

Technical Specifications

1. The defibrillator should have an inbuilt Electrocardiographic (ECG) machine.
2. The machine should have simultaneous 12 lead resting ECG acquisition with measurements and interpretation with biphasic defibrillator technology.
3. Unit should be light weight and not more than 3 kgs.

4. ECG Machine:

- 4.1. Should have 3 channel recording with LCD display for viewing messages and ECG waveform of 4 seconds.
- 4.2. ECG sweep speed- 25 mm/s , 50 mm/s.
- 4.3. Should have a facility to save, validate and achieve ECG.
- 4.4. Should have an internal thermal printer.
- 4.5. Should have facility to enter patient data like name, age, height, weight, BP etc.
- 4.6. Machine should be supplied with 10 lead patient cable and all standard accessories.

5. Defibrillator:

- 5.1. Defibrillation mode: Should work on Manual and Automated External Defibrillation (AED) mode.
- 5.2. Manual selection up to 270 J.
- 5.3. Should be capable of doing synchronized & asynchronized cardioversion.
- 5.4. Energy settings: Should be capable of delivering energy in increments of 1-2 joules up to 30J and increments of maximum 50J thereafter.
- 5.5. Charge control: Automatic if shock is recommended based on heart rhythm
- 5.6. Charging time from shock recommended to shock stand by should be less than 10 seconds for maximum energy. Charging indicator should be there.
- 5.7. Should have a single adult and pediatric external paddles.
- 5.8. Paddles contact indicator – for good paddle contact should be available.
- 5.9. Should have a battery capable of usage for at least 90 minutes or 30 discharges.
- 5.10. Should be capable of printing reports on event summary, configuration, self-test, battery capacity etc
- 5.11. Should have facility for self-test/check before usage and set up function

6. System Configuration, Accessories, spares and consumables

- 6.1. Defibrillator -01 No.
- 6.2. Paddles Adult/Paediatric (pair) -01 No.
- 6.3. Patient cable -02 Nos.
- 6.4. ECG Rolls -50 Nos.

- 6.5. Complete set of ECG Leads- 02 Nos.
- 6.6. Power cord with a plug that fits Indian sockets.

7. Standards, Safety and Training:

- 7.1. Should be FDA or CE 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)
- 7.3. Drop Test-Withstands 1 meter drop to any edge, corner or surface.
- 7.4. Manufacturer/Supplier should have ISO certification for quality standards.

8. Power Supply

- 8.1. Power input to be 220-240VAC, 50Hz fitted with Indian plug
- 8.2. In-built rechargeable battery backup that is concealed in the unit and recharges automatically when connected to AC mains.

9. Documentation

- 9.1. User Manual and Service manual in English must be provided.

10. Installation, Commissioning and Testing.

- 10.1. The equipment and all accessories should be transported, installed, tested and commissioned at the Department of Urology, Jawaharlal Institute of Postgraduate Medical Education and Research, Pondicherry 605006 free of cost.

11. Warranty and After Sales Service:

- 11.1. The Equipment including monitor and all accessories including bought out items should be under WARRANTY for a period of THREE YEARS after successful commissioning.
- 11.2. Comprehensive maintenance contract rates for 7 YEARS after warranty must be quoted and these would be taken into consideration while comparing price bids.
- 11.3. All spare parts and consumables should be available with supplier or principals for a period of at least 10 years.
- 11.4. Should have local service facility .The service provider should have the necessary equipments recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service/maintenance manual.

12. Other tender conditions

- 12.1. Suppliers should have been in the market for at least 3 years and should have a satisfied user base for this equipment.

12.2. Suppliers should have made a large number of installations, within the last five years, in the country in reputed institutions and preferably in Government Hospitals with a proven track record of excellent after sales support for this system.

12.3. List of users must be enclosed.
