

NIT for Supply & Installation of Defibrillator- Cardioverter with ECG Monitor



File No : AIIMS/BBSR/MS/14/121

Issue Date : 26/12/2014

Date of Pre-Bid Meeting : 05/01/2015

Last Date of Submission : 16/01/2015, 12.00 AM

Tender opening date (Technical bid): 16/01/2015, 03.00 PM

**All India Institute of Medical Sciences,
Bhubaneswar**

All India Institute of Medical Sciences, Bhubaneswar

Email: info@aiimsbhubaneswar.edu.in

www.aiimsbhubaneswar.edu.in

All India Institute of Medical Sciences (AIIMS), Bhubaneswar, Odisha, an apex healthcare institute, established by an Act of Parliament under aegis of Ministry of Health & Family Welfare, Government of India, invites sealed tenders in two-bid system for supply & installation of the following items at the institute. Interested Tenderer are requested to quote their best offer along with the complete details of specifications, terms & conditions.

S. No.	Item Description	Quantity
1.	DEFIBRILLATOR- CARDIOVERTER WITH ECG MONITOR	2 (TWO)

(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,
Patrapada,
Bhubaneswar- 751019**

The sealed quotations should reach the Institute, latest by **16/01/2015** at **12.00** hrs and the Technical Bid will be opened on **16/01/2015** at **03:00** PM in the Administrative Office, AIIMS, Bhubaneswar of the Institute in the presence of the bidder(s) or their authorized representative(s), who may like to remain present at the scheduled date and time. The list of technically qualified bidders with the date of opening of financial bid shall be hoisted in the website of AIIMS, Bhubaneswar.

Terms & Conditions:

- 1. Earnest Money Deposit:** The bidder shall be required to submit the Earnest Money Deposit (EMD) for an amount of Rs. 50,000/- (Rupees Fifty Thousand only) by way of demand drafts only and Rs. 2, 000/- as tender fees (including Service Tax) drawn in favour of the “AIIMS Bhubaneswar”. (TENDERS NOT ACCOMPANIED WITH EMD/BID SECURITY AND TENDER FEES ALONGWITH THE TECHNICAL BID SHALL BE SUMMARILY REJECTED). The demand drafts shall be drawn in favour of “**All India Institute of Medical Sciences, Bhubaneswar**”. 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 shall be liable for rejection.

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 provided along with).

- 2. Rate:** Rates should be quoted in Indian Rupees (INR) on F.O.R Basis at AIIMS, Bhubaneswar, Odisha, Inclusive of all the Charges, with break-ups as:

- Basic Cost.
- VAT /CST as applicable.
- Total Cost (F.O.R at AIIMS Bhubaneswar).

- 3. Validity:** The quoted rates must be valid for a period for 180 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 five (05) 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 5 year CMC (Comprehensive maintenance contract with spares) @ 3% of the cost of the Machine with 5% increment every year. Vendor would submit list of Consumables required for running the machine along with its cost. During the warranty and CMC period the supplier/ company should provide a minimum of 04 (four) preventive maintenance as routine services. After sales services must be provided in the city of installation. In situations requiring service or repair of the unit outside the city of installation, the expenditure on the account of this will have to be borne by the supplier.
- 5. Uptime guarantee:** The firm should provide uptime guarantee of 98% during warranty and CMC period, with acceptance of the penalty clause in case of failure to do so.

6. Downtime penalty Clause

During the comprehensive warranty period, the guarantee uptime of 98% of 365 days will be ensured. In case the down time exceeds the 2% limit penalty of extension of warranty period by two days for each additional day of down time will be enforced. The vendor must undertake to supply all spares for optimal upkeep of the equipment for at least FIVE YEARS after handing over the unit to the Institute.

If accessories/other attachment of the system are procured from the third party, then the vendor must produce cost of accessory/other attachment and the CMC from the third party separately along with the main offer and the third party will have to sign the CMC with the Institute if required.

The principal supplier or their service partners are required to submit a certificate that they have satisfactory service arrangements and fully trained staff available to support the uptime guarantee.

7. FALL CLAUSE

If, at any time, during the said period, the supplier reduce the said prices of such Stores/Equipment or sales such stores to any other person/organization/Institution at a price lower than the chargeable, he shall forthwith notify such reduction or sale to the Director, All India Institute of Medical Sciences (AIIMS) Bhubaneswar and the price payable for the Stores supplied after the date of coming into force of such reduction or sale shall stand correspondingly reduced.

The supplier shall furnish the following certificate to the Admin Officer, AIIMS, Bhubaneswar along with each bill for payment for supplies made against in Rate Contract Tender.

"I/We certify that the Stores of description identical to the Stores supplied to the government under the contract against Tender herein have not been offered/sold by me/us to any other person/organization/Institution upto date of bill/the date of completion of supplies against all supply orders placed during the currency of the tender/rate contract at the price lower than the institute under contract /against tender".

8. Delivery & Installation: All the goods ordered shall be delivered & installed within 4 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 deliver, installation and commissioning of the goods on or before the stipulated date, then a penalty at the rate of 2% per week or part exceeding 3 days (Date of order and delivery being excluded) of the total order value shall be levied subject to maximum of 10% of the total order value.

9. Performance Security: The supplier shall be required 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 60 day beyond completion of all the contractual obligation including CMC period.

10. Payment Term:

- 70% 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 30% of the order value shall be released after one month after successful satisfaction & functioning of the equipment to be confirmed by the user Department.

11. Bidder shall submit a copy of the tender document and addenda thereto, if any, on each page of this document & should be sign and stamp to confirm the acceptance of the entire terms & conditions as mentioned in the tender enquiry document.

12. Signed & stamped compliance sheet of the technical specification of the goods with technical printed literature must be enclosed with the bid.

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

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

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

16. TENDER EVALUATION

Tenders evaluation will be done in **two stages**:

- a. Technical bid
- b. Financial bid.

Each bid is to be submitted in separate sealed envelopes super-scribed as “Technical Bid” and “Price Bid” respectively. All these 2 envelopes should be put in another envelope marked as **“Tender for DEFIBRILLATOR- CARDIOVERTER WITH ECG MONITOR for AIIMS, Bhubaneswar”** sealed with sealing wax.

TECHNICAL BID:

The firm should submit the technical bid in a sealed cover separately super-scribed **“Technical Bid for DEFIBRILLATOR- CARDIOVERTER WITH ECG MONITOR”** along with Name and address of the Bidder. Technical bid should contain:

- a. The name of items with specification and makes/brands of the items, indigenous or imported with name of manufacturer & address must be enclosed.
- b. Literature and catalogues in support of items quoted must be enclosed.
- c. Whether the items quoted is as per specification, if not the statement of deviation (Parameter wise) from the tender technical specification must be enclosed.
- d. Details about the
 - i. Past experience (in years).
 - ii. Spares & services after the sale of the equipment.
- e. Undertaking for providing CMC for 5 years after 5 years Warranty
- f. Undertaking by manufacturer of equipment for servicing the equipment & supply of spare parts whenever required at least for 5 years after completion of warranty/Guaranty.
- g. Name, Address, Phone & Fax No. of Service Centre at Bhubaneswar or nearby.
- h. Other details / Copies of documents as at Annexure –II Technical Bid.

The Committee constituted by the Director will technically evaluate the items on the basis of specification as per Annexure I, make/brand quoted; literature enclosed, sample submitted wherever asked, the authority from manufacturer for the item etc. The items accepted technically will only be considered for price evaluation (price bid). Price should not be quoted with technical bid, otherwise the tender will be rejected without any correspondence.

Financial BID:

Should be submitted in a separate sealed envelope super-scribing the word **“Financial Bid for DEFIBRILLATOR- CARDIOVERTER WITH ECG MONITOR”** along with Name and address of the Bidder.

The price should indicate as stated at clause-2. Offers with price variation clause will not be accepted. The rates quoted in ambiguous terms such as “Freight on actual basis” or “Taxes as applicable extra” or “Packing forwarding extra” will render the bid liable for rejection irrespective of its gradation in respect of lump sum prices quoted.

Bidders shall indicate the actual rate of octroi, excise duty, sales tax, VAT, etc. which will be payable.

Price quoted should be in Indian currency (INR).

17. 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 Bhubaneswar, Odisha, 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 Bhubaneswar. The decision of the Arbitrator shall be final and binding on both the parties.
- Force Majeure: Any delay due to Force Majeure if proved on record will not be attributable to the supplier.

(Signature of Tenderer with seal)

Name:.....

Address:.....

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SPECIFICATIONS FOR DEFIBRILLATOR- CARDIOVERTER WITH ECG MONITOR

1 Description of Function

- 1.1 Defibrillator is required for reviving the heart functions by providing selected quantum of electrical shocks with facility for monitoring vital parameters.

2 Operational Requirements

- 2.1 Defibrillator should be **Bi- Phasic**, light weight and latest model
- 2.2 Should monitor vital parameters like ECG, heart rate **etc.** and display them
- 2.3 Should print the ECG when required.
- 2.4 Should work on Manual mode (0-200J or more).
- 2.5 Should be capable of doing synchronized & asynchronized cardioversion both.
- 2.6 Can be operated from mains as well as battery.
- 2.7 Should have defibrillator testing facility.
- 2.8 **Facility for trans-cutaneous pacing and trans-venous pacing should be available**
- 2.9 Demonstration of the equipment is a must.

3 Technical Specifications

- 3.1 Should be a Low Energy Biphasic defibrillator monitor with Recorder, having capability to arrest all arrhythmia within a maximum energy of 200 Joules for manual mode.
- 3.2 Should monitor ECG through paddles, pads and monitoring electrodes and Defibrillate through pads and paddles. Should have Automatic or Manual Lead switching to see patient ECG through paddles or leads
- 3.3 Should measure and compensate for chest impedance.
- 3.4 Should have a built in printer/ thermal recorder.
- 3.5 Should have minimal charging time for maximum energy with charging indicator (mention the time in the bid – shorter is preferred).
- 3.6 Should have bright LCD/TFT display for viewing messages and ECG waveform
- 3.7 Adult and paediatric paddles should be available.
- 3.8 Should have event summary facility for recording, printing and patient data storage of ECG and events.
- 3.9 Should have a battery capable of usage for at least 60 minutes or 30 discharges.

- 3.10 Should be capable of printing Reports on Event summary, configuration, self-test, battery capacity etc
- 3.11 Should have facility for self-test/check before usage and set up function
- 3.12 Should be capable of delivering energy in increments of 1-2 joules up to 30J and increments of max. 50J thereafter. (Narrow increments preferable)
- 3.13 Should have user friendly colour coded operation.

4 System Configuration Accessories, spares and consumables

- 4.1 Defibrillator -01
- 4.2 Paddles Adult & Paediatric -01 each
- 4.3 Patient cable -01
- 4.4 ECG Rolls -5
- 4.5 Disposable pads-5 nos.
- 4.6 Complete set of ECG Leads- 02
- 4.7 Price has to be quoted inclusive of the above (4.1 – 4.6) items and separately for the accessories and consumables as mentioned (4.2 – 4.6).

5 Environmental factors

- 5.1 The unit shall be capable of being stored and operating continuously in ambient temperature of 10-40°C and relative humidity of 15-90%.

6 Power Supply

- 6.1 Power input to be 220-240VAC, 50Hz
- 6.2 Resettable overcurrent breaker shall be fitted for Protection.

7 Standards, Safety and Training

- 7.1 Should be USFDA or European CE approved product.
- 7.2 Electrical safety conforms to acceptable standards (provide certificate)
- 7.3 Should conform to international test protocols on exposure to shock forces and to vibration forces. The standard should be documented.
- 7.4 Should have local service facility with necessary equipments recommended by the manufacturer to carry out preventive maintenance test as per manual.

8 Documentation

- 8.1 User Manual & Service manual in English
- 8.2 List of important spare parts and accessories with their part number and costing

- 8.3 Certificate of calibration and inspection from factory.
- 8.4 Log book with instruction for daily, weekly, monthly maintenance checklist. The job description of the hospital technician and company service engineer.
- 8.5 List of Equipments available for providing calibration and routine maintenance support.
- 8.6 Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the page/Para number of original catalogue/data sheet. Any point, if not substantiated with authenticated catalogue/manual, will not be considered.
- 8.7 Must submit user list and performance report within last 5 years from major hospitals/government hospitals.

Place:.....

Date:.....

(Signature of Tenderer with seal)

Name:.....

Address:.....

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**Inviting of sealed quotations for supply and installation of
DEFIBRILLATOR- CARDIOVERTER WITH ECG MONITOR at AIIMS, Bhubaneswar**

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 near by Bhubaneswar.	
Whether the firm is a registered firm Yes/No (attached copy of certificate)	
PAN No. (enclose the attested copy of PAN Card)	
Sales Tax No. (enclose the attested copy)	
VAT No. (enclose the attested copy of VAT Certificate)	
Please attach balance sheet (<i>duly certified by Chartered Accountant</i>) for last three (3) years (Average annual minimum turnover should not be less than 5 lakhs) in each year.	
Please submit a notarized affidavit on Indian Non judicial stamp paper of Rs.10/- stating therein the detail of case in police/CBI/Court of Law & Black listing by any organization against the Proprietor/firm/partner or the Company (Agency).	
Have you previously supplied these items to any government/ reputed private organization? If yes, attach the relevant poof. Please provide a notarised affidavit on Indian Non Judicial stamp paper of Rs.10/- that you have not quoted the price higher than previously supplied to any government Institute/Organization/ reputed Private Organization or DGS&D rate in recent past. If you don't fulfil this criteria, your tender will be out rightly rejected.	

Whether the firm has enclosed the Bank Draft/Pay Order/Banker's cheque of Rs.50,000/- as Earnest Money Deposit. Rs 2,000/- as Tender Fees	
Whether the Firm/Agency has signed each and every page of Tender/NIT	
Please provide full list of consumables.	
Any other information, if necessary	

Place:.....

Date:.....

(Signature of Tenderer with seal)

Name:.....

Address:.....

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

Sl. No	Name of Item	Quantity	Rate	Vat/Taxes etc	Total Amount
1.	DEFIBRILLATOR-CARDIOVERTER WITH ECG MONITOR	2			

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

(Signature of Tenderer with seal)

Name:.....

Address:.....

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