



# Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

CAPITAL EQUIPMENT / MATERIALS MANAGEMENT

An ISO 9001  
Company

<b>ENQUIRY</b>		Phone: +91 431 257 7653 Fax : +91 431 252 0031	Email : <skaruna@bheltry.co.in> Web : <a href="http://www.bhel.com">www.bhel.com</a>
<b>TWO PART BID</b> TENDER TO BE SUBMITTED IN TWO PARTS.	Enquiry No: <b>2621400058</b>	Enquiry Date: <b>29.12.2014</b>	Due date for submission of quotation: <b>29.01.2015</b>
<p>You are requested to quote the Enquiry number date and due date in all your correspondences. This is only a request for quotation and not an order, Please note that under any circumstances, both delayed offer and late offer will not be considered. Hence vendors are requested to ensure that the offer is reaching physically at our office before 14.00 hours of the date of tender opening.</p>			
Sl.No	Description	Qty	
10	<b>MEDICAL EQUIPMENT - ECG MONITOR CUM DEFIBRILLATOR (AS PER BHELSPCN)</b>	<b>1 No.</b>	
<p><b>IMPORTANT POINTS TO BE TAKEN CARE DURING SUBMISSION OF OFFER:</b></p> <ol style="list-style-type: none"> <li>1). The above requirement should be as per BHEL TECHNICAL SPECIFICATION (ANNEXURE-A) only Also kindly confirm other points / Qualifying criteria point by point without fail.</li> <li>2). DELIVERY :- 3 MONTHS</li> <li>3). DELIVERY TERMS: FOR/BHEL/TIRUCHY-14</li> <li>4). CHECK LIST NO: <b>MM/CE/IND/12</b> TO BE FILLED AND ATTACHED ALONG WITH YOUR OFFER FAILING WHICH, THE OFFER WILL NOT BE CONSIDERED FOR OUR EVALUATION.</li> <li>5). Subsequent to the hosting of this Enquiry, any corrigendum to the Enquiry that may be hosted in the BHEL Web-site as well as Government Tenders-portal shall be viewed by the vendors regularly to know the details of corrigendum. In case if any vendor without seeing the corrigendum quoted as per original enquiry and intimate that they have wrongly quoted will not be considered and rejected. However, as per the appropriate policy of BHEL, action will be taken in this regard.</li> <li>6). Installation, commissioning &amp; demonstration at "<b>FREE OF COST</b>" by the vendor at BHEL/ Tiruchirappalli to be specially indicated in the technical offer. .</li> </ol>			
<p><b>ENCLOSURES:-</b></p> <ol style="list-style-type: none"> <li>1) Enquiry Sheet – <b>2621400058</b> – 2 pages</li> <li>2) BHEL Technical specification, Other points &amp; Qualifying Criteria -- <b>ANNEXURE-A</b> – attached.</li> <li>3) BHEL Commercial terms and conditions vide CHECK LIST NO: <b>MM/CE/IND/12</b> – attached.</li> <li>4) GUIDELINES&amp;INSTRUCTIONS TO BIDDERS FOR SUBMITTING OFFER VIDE. No. <b>MM/CE/GT/001</b></li> </ol>			
<p>The above documents can be downloaded from BHEL web site <a href="http://www.bhel.com">http://www.bhel.com</a> or from the Government tender website <a href="http://tenders.gov.in">http://tenders.gov.in</a> (public sector units &gt; Bharat Heavy Electricals Limited page) under Enquiry reference “ .</p>			
<p>Tenders should reach us before 14:00 hours on the due date Tenders will be opened at 14:30 hours on the due date Tenders would be opened in presence of the tenderers who have submitted their offers and who may like to be present</p>		<p>Yours faithfully, For <b>BHARAT HEAVY ELECTRICALS LIMITED</b> <i>S. Mudiappan</i> 29/12/14 <b>Administrative Officer/MM/CE</b></p>	



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**ENQUIRY No. 262140058 Dated 29-12-2014 due on 29.01.2015 .. Page No.2**

**Special Instructions:**

- 1) The bidders shall submit the offer in TWO INNER ENVELOPES as indicated below which shall be sealed in one outer envelope.
- 2) ENVELOPE-I This sealed envelope should contain all the copies of technical bid together with un-priced commercial bid. This envelope should be clearly marked "PART-I" Technical and commercial bid indicating Enquiry no. /date and address & Ref. of the bidder.
- 3) ENVELOPE-II This sealed envelope should contain price details. This envelope should be clearly marked PART-II PRICE BID indicating Enquiry no. /date and address & Ref. of the bidder
- 4) Both the envelopes part I and II shall be put in one cover, duly sealed superscribing as PART I and II of Enquiry No. --- due date of the tender opening --- and the address and ref. of the bidder. The above offer should reach this office on or before the due date by 14.00 hours (IST) Late offers will not be considered.
- 5) Delivery terms: **FOR/BHEL/TIRUCHY basis** only.. Hence Vendor should quote FOR price inclusive of P&F, Freight, transit insurance etc.
- 6) The vendor should clearly mention both in technical as well as price bid the applicable taxes and duties (viz., ED/CST/VAT etc). Please note, we will not give any C-Form (or) VAT declaration form.
- 7) The vendor should confirm the delivery mentioned in the enquiry or indicate the earliest delivery in the technical offer.
- 8) Point by Point confirmation required for BHEL specification along with technical offer by countersigned & officially sealed in token of acceptance of BHEL's specification.
- 9) Vendor should send catalogue of the equipment, if any.
- 10) BHEL's COMMERCIAL TERMS & CONDITIONS FOR INDIGENOUS SUPPLIES - CHECK LIST No: **MM/CE/IND/12** Enclosed. Vendor should send the same along with Technical Offer with official signature and seal in token of acceptance.

**TECHNICAL SPECIFICATION FOR ECG MONITOR CUM DEFIBRILLATOR**

1. Advanced current controlled Biphasic technology.
2. Should have energy selection up to maximum 200 Joules.
3. Should come with high resolution LCD monitor, display size should be around 120 x 90 mm or more.
4. Should have synchronization and cardio version.
5. Should have 3 lead ECG display that can be measured from cables and paddles.
6. Should have facility to select the energy on paddles as well as on unit.
7. The unit should have facility to give print out of ECG instantly after shock.
8. Charging time should be less than 5 seconds at maximum energy.
9. Should have large internal memory that stores and prints 25 ECG events.
10. Should work on mains as well as on rechargeable battery.
11. The battery backup should not be less than 5 hours on continuous ECG monitoring or 100 full energy discharges.
12. Should have ability to measure chest compression rate and depth in real time with visual feedback on monitor with rate and depth indicator.
13. Should have battery indicator on display.
14. Should have option for upgradable / inbuilt non invasive pacing.
15. Charge indicator : Charge ready lamp on the front panel with audible tone. Charge ready lamp on apex paddle.
16. Dimensions : Should be around 250 ( W ) x 250 ( D ) x 250 ( H ) mm.
17. Weight should be around 10 kgs with batteries and paddles.
18. Delivered energy should be displayed on the screen.
19. Should have Leads off message with alert tone.
20. (i) Should have sweep speed of 25 mm/s and (ii) ECG amplitude can be adjustable ( iii ) Display time at least 4 seconds.
21. The cable should be of 3 leads with holding end to be button ( not clip ) type and retractable paddle cable with stretched length of 3 meters or more.
22. User adjustable audible tone with every detection of QRS.
23. User adjustable audible tone for alert message and HR alarm.
24. Heart rate display digitally from 10 to 300 BPM.
25. FDA approved.
26. Authentic service facility should be available.
27. Should be user friendly.
28. Should provide customization of various features.
29. Accessories:
  - a. Battery – 1 no.
  - b. 3 Lead ECG cables – 2 nos.
  - c. Paddles – Adult and Paediatric ( inbuilt in adult )
  - d. Disposable electrodes – 1 packet.
  - e. Recording papers.
  - f. Earth cable.

**30. Other Points :**

- 1.The Vendor has to ensure for the availability of spares and consumable indigenously.
- 2.Price List of all major Spares to be provided.
- 3.Suitable Extended Warranty may be indicated.
- 4.Software application if any – Up gradation of the equipment should be taken care by the vendor.
- 5.The Vendor shall have service center with qualified service engineers in Tamil Nadu or nearby locations .

**QUALIFYING CRITERIA:**

- 1) The vendor should have a valid CE/BIS/FDA certification.
- 2) The Vendor would have supplied at least two number of such type of equipment in the past one year.
- 3) The vendor has to submit the two performance certificate from their customers to whom they have supplied such type of equipment.

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