



An ISO 9001  
Company

## Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

MATERIALS MANAGEMENT / CAPITAL EQUIPMENT

### ENQUIRY

Phone: +91 431 257 70 49

Fax : +91 431 252 07 19

Email : [csguna@bheltry.co.in](mailto:csguna@bheltry.co.in)

Web : [www.bhel.com](http://www.bhel.com)

	<b>Enquiry Number:</b> <b>2621000086</b>	<b>Enquiry Date:</b> <b>11.08.2010</b>	<b>Due date for submission of quotation:</b> <b>11.09.2010</b>
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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 offers will not be considered. Hence vendors are requested to ensure that the offer is reaching physically our office before 14.00 hrs on the Date of tender opening.**

Sl. No	Description	Quantity	Delivery (Item required at BHEL on)
1	<b>Synthetic High Voltage Insulating Mats</b> as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site <a href="http://www.bhel.com">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	500 Sq. Mtr	30.11.2010

### Important Points to be taken care during submission of offer

1. Checklist to be filled and enclosed along with the offer failing which, the offer will not be considered for evaluation.
2. All updates, amendments, corrigenda, etc., (if any) for tender will be posted only on the above websites from time to time, as and when required, until tender is opened. There will be no publication of such updates, amendments, corrigenda etc. through newspapers or any other media.

BHEL commercial terms & conditions with Price Bid and Bank Guarantee formats can be downloaded from BHEL web site <http://www.bhel.com> or from the Government tender website <http://tenders.gov.in> (public sector units) Bharat Heavy Electricals Limited page) under Enquiry reference "2621000086".

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

Yours faithfully,  
For BHARAT HEAVY ELECTRICALS LIMITED

Sr. Manager / MM / Capital Equipment

<b><u>Specification for Synthetic High Voltage Insulating Mats as per IS-15652:2006</u></b>				
<b>Sl.No.</b>	<b>Description for BHEL Requirement</b>	<b>Specified/ To be confirmed by</b>	<b>Offered</b>	<b>Deviations</b>
	Supply of High Voltage Insulating Synthetic Mats,with High die-electric Strength Up to 3.3 KV,Fire Retardant. Insulation Resistance Up to 100,000 Mega Ohm with 5000V Megger. Good Mechanical Properties to With Stand Load and Movement of Breaker Trolleys and Associated Electrical Equipment. No Adverse Effect of Acids, Alkalis and Transformer Oil. to the specification given below			
1.0	<b>High Voltage Insulating Synthetic Mats</b>			
1.1	Nominal Thickness of earthmat	2.0 mm		
1.2	Width	1 Mtr.		
1.3	Roll Length	Upto 20 mtrs.		
1.4	Synthetic High Voltage Insulating Mats as per latest IS-15652:2006	Vendor to confirm		
1.5	Di Electric Strength	30 KV Vendor to confirm		
1.6	Insulating mat should be fire retardant, water and moisture proof.	Vendor to confirm		
1.7	Insulating mat should have no adverse effect of acids,alkalies and transformer oil. Mat should have good mechanical properties to withstand load and movement of breaker trolley.	Vendor to confirm		
1.8	Insulating mat should manufactured without any metalic derivation.	Vendor to confirm		
1.9	Insulating mat should be suitable for both AC & DC electrical insulation.	Vendor to confirm		

Sl.No.	Description for BHEL Requirement	Specified/ To be confirmed by	Offered	Deviations
2.0	Insulating mat should be 100% shock proof with leakage current of 10 ma.	Vendor to confirm		
2.1	Conformance to Indian Standard specification	IS:15652: 2006		
3.0	Technical leaflet of the insulating earth mats indicating the approx. diameter,length, weight, thickness of insulation, current rating etc. to be enclosed with the offer.	Vendor to confirm		
4.0	<b>General Features of the Insulating Synthetic Mats:</b>			
4.1	Insulating Synthetic Mats shall have the ISI mark,month & year of manufacture, lot / batch number, manufacturer name embossed/ printed on the mats at every meter.	Vendor to confirm		
4.2	Insulating mating should be tested by CPRI . The test report to be furnished along with the quotation and should not be prior to year 2006.	Vendor to confirm		
4.3	Make of the Insulating Mats	Reputed make. Vendor to specify the make offered.		
5.0	<b>Reference List/ Qualifying Conditions:</b>			
5.1	The bidder shall submit the test reportnot prior to year 2006 in accordance to ISI:15652:2006 issued by national / international lab such as CPRI.	Vendor to confirm		
5.2	Only those vendors who have supplied similar or higher rating of insulating earth mats should quote.	Vendor to confirm		
5.3	Information about the customers to whom similar insulating earth mats have been supplied is to be submitted for qualification of the offer.	Vendor to confirm		
6.0	<b>Scope of Supply</b>	<b>Quantity</b>		

Sl.No.	Description for BHEL Requirement	Specified/ To be confirmed by	Offered	Deviations
6.1	Supply of High Voltage Insulating Mats,with High die-electric Strength Up to 3.3 KV,Fire Retardant. Insulation Resistance Up to 100,000 Mega Ohm with 5000V Megger. Good Mechanical Properties to withstand Load and Movement of Breaker Trolleys and Associated Electrical Equipment. No Adverse Effect of Acids, Alkalies and Transformer Oil. to the specification given above.	500 sq.mtr.		