



An ISO 9001
Company

Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

TIRUCHIRAPPALLI – 620014, TAMIL NADU, INDIA

CAPITAL EQUIPMENT/ MATERIALS MANAGEMENT

ENQUIRY		Phone: +91 431 257 7421/7775	
NOTICE INVITING TENDER (NIT)		Fax :431 257 6826	
		Email : vkarna@bhel.in , kumar.virendra@bhel.in	
		Web : www.bhel.com	
TWO PART BID	Enquiry Number:	Enquiry Date:	Due date for submission of quotation:
Tender to be submitted in two parts	2631900047	18.10.2019	11.11.2019
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.			
Item	Description		Qty.
10	"Procurement of High Voltage Test Kit" as per the technical specification, BHEL commercial terms & conditions applicable (to be downloaded from web site www.bhel.com and https://eprocure.gov.in/epublish/app)		02 Nos.
Important points to be taken care during submission of offer: 1. Delivery terms shall be FOR BHEL Stores, Trichy-620014. 2. Compliance Form No.: MM/CE/IND/12 to be filled and enclosed along with the offer failing which, the offer will not be considered for evaluation. 3. Delivery required 45 days from the date of purchase order. 4. Erection & Commissioning period required 1 week from the date of intimation by BHEL to vendor for deputation of their Engineers for E&C at FOC. 5. Erection & Commissioning charges: Not Applicable 6. EMD: Not Applicable. 7. All updates, amendments, corrigenda, etc., (if any), for each tender will be posted only on the above websites from time to time, as and when required, until each tender is opened. There will be no publication of such updates, amendments, corrigenda, etc., through newspapers or any other media. BHEL's General guidelines / instructions (Refer: MM / CE / GENL /001 – NO EMD), commercial Terms check list (Compliance Form) and Technical Specification can be downloaded from BHEL web site http://www.bhel.com or from Central Public Procurement Portal website https://eprocure.gov.in/epublish/app under Enquiry reference "2631900047". Note: this is not an E-tender, hence Vendors are requested to ensure that the offer is reaching physically at our office before 14:00 Hrs. on the date of tender opening.			
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  18/10/19	

V. KARUNAKARAN
Dy. General Manager
Capital Equipment / MM
BHEL / Tiruchirappalli - 620 014

High Voltage Tester, Qty – 02 nos.

Part A

Sl.No	BHEL REQUIREMENT	Bidder's Response
SECTION – 1: Qualifying Criteria		
The BIDDER has to compulsorily meet the Qualifying criteria indicated in SECTION 1 to get qualified otherwise the technical offer will not be considered.		
1.	BIDDER to provide the Profile of their Company including Number of Years of Experience of the BIDDER/ VENDOR in the field of design, manufacture and supply of “High Voltage Tester”	
2.	Only those bidders (OEMs) should quote, who have supplied and commissioned at least five numbers of the High Voltage Tester in the last 3 years.	
3.	BHEL reserves the right to verify the information provided by Bidder. In case the information provided by Bidder is found to be false/ incorrect, the offer shall be rejected.	
SECTION – 2: Bidder to provide the following details		
4.	Bidder to furnish referral list of customers to whom High Voltage Tester were supplied till date. The reference List of Customers to whom similar equipment has been supplied shall be accompanied with the details (Phone Number /E-Mail ID) of the CONTACT PERSON for cross reference by BHEL for performance verification.	
5.	Details of the International/ National Standards followed in design of the equipment.	
6.	Comprehensive Details on Performance Testing of the Equipment quoted and details of Quality System followed (Kindly furnish the salient aspects of the QA system followed).	
7.	Year of launch of the model quoted against this enquiry.	
8.	Details on SERVICE-AFTER-SALES Set-Up in India including the Addresses of Agents / Service Centers in India.	
9.	Any Additional Data to supplement the manufacturing capability of the BIDDER for the subject equipment.	


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 Senior Engineer,
 Controls & Instrumentation / FB,
 BHEL / Tiruchy - 620 014.

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SECTION – 3: Bidder to note		
10.	The BIDDER shall submit the offer in TWO PARTS-Technical with unpriced Commercial bid and Price Bid.	
11.	The offer shall contain a comparative statement of Technical Specifications given by BHEL and the offered details submitted by the Bidder, against each clause.	
12.	Merely stating 'CONFIRMED' or 'COMPLIES' or 'YES' or 'NO-DEVIATION' or similar words wherever 'Bidder to Specify' details in the technical comparative statement may lead to disqualification of the Technical Offer. Bidder to specify the actual specification of the offered model(s) line item wise.	
13.	The Technical Offer shall be supported by product Catalogues & Data Sheets and also technical details of Bought-Out-Items with copies of Product Catalogue & Selection Criteria. Kindly note that mere attachment of the catalog without filling the vendors' confirmation column of the technical specification shall not be considered as valid offer.	
14.	The Commercial Offer (given with the Technical Offer) shall contain the Scope of Supply and the Un-Priced Part of the Price-Bid.	
15.	The BIDDER / VENDOR shall assure a continuous support for SPARES and SERVICE for TEN Years, from the date of supply of the equipment at BHEL Works.	
16.	BIDDER has to indicate the Country of Origin for the supply of equipment.	



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Part B: Technical Specification

Sl. No.	BHEL's Specification/ Requirement		Bidder's Offer with technical details
1.0	Number of Test Channels	01 or more	
2.0	Output Voltage	0.50 – 3.00 kV or Better	
2.1	Output Voltage Accuracy	± (2% of reading + 5 digits)	
2.2	Output Voltage Step	0.05 kV or better	
3.0	Input Voltage	230 Volt AC, ± 10%, 50/60 Hz 3 Pin Plug Top Power Cord with Earth	
4.0	Test Current	3 to 30mA. Continuously adjustable by means of potentiometer.	
4.1	Leakage Current Range	0-100 mA or better	
4.2	Current Discharge Function	Output Current to Discharge after Test	
4.3	Current Trip Setting	Settable & Should be Displayed	
5.0	Display	Both Output Voltage & Leakage current	
6.0	Indication for Test	Audio [Buzzer or similar] & Visual [LED] indication for presence of high voltage	
6.1	Indication for HV ON & OFF	Required	
6.2	Indication for Mains ON	Required	
7.0	Ramp Time [Rise Time]	0 to 99.9 seconds or better	
8.0	Dwell Time [Test time]	01 to 99.9 seconds or better	



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9.0	Operating Environment	Temperature : 0-40 deg C or better	
		Relative Humidity : 80 % Non-Condensing	
		Altitude 2000 m from MSL or better	
10.0	Enclosure	HV test set to be housed in powder coated sheet metal rugged table top cabinet.	
11.0	HV Probe	HV test probe with 1.5 Mtr. Cable to be supplied rated to 10 kV.	
11.1	Spare Probe	02 Nos. spare in addition to Original Supply required along with cable.	
12.0	Optional Feature	Insulation Resistor Tester Functionality 1 to 1000 Mega ohm Accuracy: $\pm 5\% \pm 2$ count at 100-500 V Accuracy : $\pm 10\% \pm 2$ count at 500-1000 V	
13.0	Safety Glove	Minimum of 5kV rating – 2 Sets	
14.0	Calibration Quotation AMC	Quote Optionally	
15.0	Installation & commissioning	Vendor to Commission and Demonstrate the operation	
15.1	User Personnel training	At user premises – 1day	
16.0	Safety Certification	Instrument to comply to standard certification	
17.0	Test Certificate	Test certificate to be furnished along with the instrument	
18.0	Warranty Clause	12 months from the date of commissioning or 18 months from the date of delivery whichever is earliest.	

* Vendor confirmation must be clearly spelt out with data. Yes/No answers will be treated as disqualified.


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