



**BHARAT HEAVY ELECTRICALS LTD.**  
 (A GOVT. OF INDIA UNDERTAKING)  
 P.O BHEL Jhansi - 284129, INDIA  
 Tel.:0510-277001/2412260 Fax: 2412120  
 Email : mmx@bheljhs.co.in

**PURCHASE ENQUIRY**

ENQ NO/DT: E7140591 25/04/15  
 REV NO/DT: 3 14/12/15

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M/s P80550 PRESS TENDER ENQUIRY  
 DUMMY CODE GIVEN FOR PRESS TENDER  
 ENQUIRIES ONLY.  
 JHANSI  
 NA FOR FOREIGN SUPPLIER INDIA  
 TIN NO :

OUR ABOVE ENQUIRY OF PREVIOUS REV & DATE IS AMENDED WITH  
 FOLLOWING CHANGED / ADDED ITEMS.

Enqr Due on:	08-01-16 FRIDAY
Close at:	13:15 Open at:14:00
Matcat:	714001 CAPITAL ITEMS
Validity:	180 days from Technical bid opening date
IEM:	
TOP:	See Special Remarks
RA:	RA not applicable
Eval.	Package
Bid Type:	TWO BID
Tot Item:	1
Delivery:	FOR Jhansi
E-Proc:	No

REQUIRED: TEST CERT/ GUARANTEE CERT

ITEM NO : 1 PSL QTY/UM: 4.00 NO  
 MATL CODE : NP3620014003 PO QTY /UM:  
 DESTINATION: JS

DESCRIPTION	DELIVERY	QUANTITY (PSL UM)
500V/1000V HAND HELD MEGGER as per attached specification ref. no. 636 240003/Rev01.	FEB-16	4.00

**SPECIAL REMARKS:**

-REV-03 IS ISSUED TO RETENDER THE ENQUIRY WITH REVISED TECHNICALS SPECIFICATIONS. ALL OTHER REVISIONS PRIOR TO THIS DATE STAND CANCELLED TOTO. CONTACT PERSON - SH MANOJ UPADHYAYA MANAGER (MM) PHONE - 05102412756 MOB - 9453039769

- 1-INSTALLATION/TESTING, COMMISSIONING & CALIBRATION AT BHEL JHS. WORKS.
- 2-ONE SET OF SPARE LEADS ALONG WITH EACH METER SHALL INCLUDED IN SCOPE OF SUPPLY.
- 3-INSPECTION TO BE DONE BY BHEL AT BHEL.
- 4-TEST CERTIFICATE/ GUARANTEE CERTIFICATE WILL BE REQUIRED.
- 5-ANNEXURE III OF CAPITAL TERMS & CONDITION TO BE SUBMITTED ALONG WITH OFFER DULY FILLED IN AND SIGNED.
- 6-COMPLAINE OF ATTACHED TECHNICAL SPECIFICATION TO BE SUBMITTED ALONG WITH OFFER.
- 7-EMD,CEBG,PBG AND TENDER COST IS NIL FOR THIS TENDER.
- 8-ALL THE TERMS AND CONDITION UNLESS OTHERWISE SPECIFIED ARE AS PER CAPITAL T&C REV-00 DATED 17-08-12.VENDOR HAS TO MENTION IN TENDER THAT HE IS ACCEPTING THE SAME.
- 9-ENQUIRY IS BEING FLOATED IN "TWO BID" SYSTEMS. PLEASE SEND YOUR OFFER IN TWO SEPARATE ENVELOPE AS PER DETAILS GIVEN BELOW:-
  - IN ENVELOPE "A"  
 ----- PLEASE SEND YOUR TECHNICAL + COMMERCIAL OFFER EXCEPT PRICE. PLEASE INDICATE CLEARLY ON THE COVER OF ENVELOPE "TECHNICAL + COMMERCIAL OFFER" AND ENQUIRY NO. WITH DUE DATE. PLEASE ALSO SUBMIT BLANK PRICE BID I.E. WITHOUT RATES ALONG WITH THE TECHNICAL + COMMERCIAL OFFER.
  - IN ENVELOPE "B"  
 ----- PLEASE INDICATE PRICE ONLY AND INDICATE CLEARLY ON THE COVER OF ENVELOPE "PRICE BID" AND ENQUIRY NO. ENVELOPE A + B SHOULD BE SENT IN SEALED ENVELOPE ON WHICH ENQUIRY NO. AND DUE DATE IS MENTIONED ON COVER.

THE QUOTATION MUST BE SEALED AND BE SENT IN DOUBLE ENVELOPE.  
 THE INNER ENVELOPE SHOULD BEAR ENQUIRY NUMBER & DUE DATE AT THE TOP.

In case the bidder has not submitted PAN No, TIN No. and E-mail ID, the bidder has to submit the same along with the copy of PAN No and TIN No. Else his offer will be liable to be rejected.

If you are not in a position to quote due to any reason, you must send regret letter titled enquiry



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no. etc, failing which you may not be considered for sending future enquiries.

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ENCLOSERS:

FOR AND ON BEHALF OF  
BHARAT HEAVY ELECTRICALS LTD  
*MANOJ UPADHYAYA*  
14/12/15  
MANOJ UPADHYAYA  
MANAGER (MMX)  
Email:-mupadhyaya@bheljhs.co.in

\*\*\*\*\* END OF PURCHASE ENQUIRY \*\*\*\*\*

**NOTE :**

- \* SUPPLIERS ARE REQUESTED TO INFORM US WITH VALID CERTIFICATE, IF THEY ARE REGISTERED UNDER MSMED ACT'2006. (APPLICABLE FOR INDIAN SUPPLIERS ONLY).
- \* FOR SUPPLIERS SUPPLYING FROM OUTSIDE THE LOCAL AREA OF BHEL JHANSI, ENTRY TAX WILL BE APPLICABLE. SUPPLIERS SHOULD NECESSARILY INDICATE RATE OF ENTRY TAX SEPARATELY WHEREVER APPLICABLE. THEY SHOULD ALSO MENTION THE ENTRY TAX CHARGED SEPARATELY IN THE INVOICE.
- \* FOR SUPPLIERS SUPPLYING FROM OUTSIDE UP, IN CASE THE OFFER IS SILENT ON ENTRY TAX, IT SHALL BE LOADED SUITABLY WITH THE APPLICABLE RATES
- \* IN CASE IF THERE IS ANY DIFFERENCE BETWEEN THE 'SPECIAL REMARKS/ANNEXURES' OF THE ENQUIRY AND THE PREPRINTED TERMS & CONDITIONS (REF JSC140/M2053), THE REQUIREMENT GIVEN IN REMARKS WILL PREVAIL.

**TECHNICAL SPECIFICATIONS OF 500V/1000V DC ANALOG / DIGITAL TYPE OF INSULATION RESISTANCE TESTERS WITH CONTINUITY CHECK**

Sl. No.	Description	Vendor Compliance/Remarks
1	The test set should be fully automatic and suitable for finding out the Insulation resistance of Power Transformer's Coils between conductor to conductors (up to 315 MVA, 220/400 kV Class)	
2	The test set should be able to give direct readings of Insulation resistance of the test object automatically on analogue scale without any bridge balancing method involved.	
3	The test set should be able to take the measurements automatically and should indicate Insulation Resistance Value at analog scale with following features <ul style="list-style-type: none"> <li>provision of continuity check</li> </ul>	
4	Input Supply: Hand driven / Battery operated (LR6 alkaline type) Battery life min 8.00 Hrs at continuous testing at 500V at any load.	
5	The test set should be able to operate in an environment of temperature as Operating Temperature : 0 to 40°C Storage Temperature : 0 to 50°C	
6	Output Voltage Range: 250V, 500V, 1000V DC, User selectable Voltage Accuracy: (±) 3.0 % voltage at any load. Rated Current : 1.0 mA / Vendor to specify	
7	Insulation Resistance Range: 100 kΩ --- 100 MΩ @ 500V :500 kΩ --- 2000 MΩ @1000V Accuracy : (±) 5.0 % rdg (from 1MΩ to 100MΩ) or better	
8	Overload protection: 1.2 times of rated voltage	
9	The test kit shall meet all the relevant international safety specifications	
10	<b>Main equipment with following...</b> <ul style="list-style-type: none"> <li>Detachable leads High voltage lead, Low voltage lead, Earthing Lead. (minimum 1.2 meter lead set with large Insulated clips)</li> <li>Tough Carrying case for meter along with test leads and accessories.</li> </ul>	
11	<b>Additional Accessories along with Each Meter</b> 01 set of Detachable leads High voltage lead, Low voltage lead, Earthing Lead. (minimum 1.2 meter lead set, with large Insulated clips)	
12	Two sets of operating and maintenance manuals in English language. Original technical catalog to be included along with technical bid.	

*R. K. Prasad*  
01.12.15

*sd*  
30.11.15

13	<p>Three sets of calibration reports with following data Calibration date, periodicity, calibration validity duration &amp; next calibration due date. At least 20 sample calibration results of which minimum 5 results at 1000V voltage range with different Insulation resistance value. Traceability details of standard used for calibration. All documents should be endorsed by authorized signature.</p>	
14	<p><b>Installation/Commissioning/Acceptance:</b> Installation/Commissioning of the instrument to be done at BHEL Jhansi works by supplier's representative free of charge. Demonstration of all features of offered 500V/1000V Analog/Digital Type Insulation Tester &amp; all accessories to satisfaction of BHEL for their efficient and effective use. Instrument shall be accepted only after successful calibration at our end.</p>	
15	<p><b>Spares:</b> All types of spares of 500V/1000V Analog/Digital Type Insulation Tester and its accessories should be available at least five years for trouble free operation to be included after supply of the instrument. The vendor shall provide list of spares and drawing of parts/details of spares. Supplier should also provide any other attachment /accessories required for smooth functioning of the instrument.</p>	
16	<p><b>Performance &amp; Warranty Certificate:</b> The Supplier shall guarantee the product performance for 24 months from the date of successfully commissioning at our works and shall provide spares and services during guarantee period to maintain the offered meter in working condition.</p>	
17	<p><b>Live Demonstration:</b> Live demonstration of offered meter is to be given by supplier at BHEL Jhansi works if same is asked during technical evaluation. No additional charge will be applicable for live demonstration.</p>	

**Note:**

Supplier should submit point wise technical compliance/comments against each of the above points in above format. Technical bid without complete technical compliance sheet will not be considered for technical evaluation.

*P. Anand*  
01/12/15

*20*  
30.11.15