



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: E7150600 13/10/15
 REV NO/DT: 0 13/10/15

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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 :

PLEASE SEND YOUR BEST QUOTATION AS PER TERMS & CONDITIONS
 PREPRINTED OVERLEAF AND/OR ATTACHED AND REMARK PRINTED
 UNDERNEATH.

Engr Due on:	13-11-15 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:	Item wise
Bid Type:	TWO BID
Tot Item:	1
Delivery:	FOR Jhansi
E-Proc:	No

REQUIRED: TEST CERT/ GUARANTEE CERT/
 CONFORMANCE CERT

ITEM NO : 1 PSL QTY/UM: 2.00 NO
 MATL CODE : NP3620015001 PO QTY /UM:
 DESTINATION: JS

DESCRIPTION	DELIVERY	QUANTITY (PSL UM)
50A DUAL CHANNEL MICRO OHM METER.TE CHNICAL SPECIFICATION AS PER ATTACH ED ANNEXURE REF NO 636250001 REV00.	DEC-15	2.00

SPECIAL REMARKS :

- 1-PERFORMANCE CERTIFICATE OF OFFERED MODEL SUPPLIED IN LAST 2 YEARS TO BE SUBMITTED.
- 2-FINANCIAL QUALIFYING CRITERIA AS PER ANNERURE II.
- 3-GURANATEE CL. AS PER BHEL POLICY i.e.EQUIPEMENT SHALL BE GUARENTEED FOR 24 MONTHS FROM THE DATE OF DESPATCH OR 18 MONTHS FROM THE DATE OF COMMISSIONING, WHICHEVER IS EARLIER.
- 4-INSTALLATION/TESTING,COMMISSIONING & CALIBRATION AT BHEL JHS. WORKS.
- 5-VALUE OF INSTALLATION/ TESTING & COMMISSIONING SHALL BE MINIMUM 5% OF QUOTED BASIC AMMOUNT.
- 6-INSPECTION TO BE DONE BY BHEL AT BHEL.
- 7-TEST CERTIFICATE/ GUARANTEE CERTIFICATE WILL BE REQUIRED.
- 8-ANNEXURE I-V CAPITAL TERMS & CONDITION TO BE SUBMITTED ALONG WITH OFFER DULY FILLED IN AND SIGNED.
- 9-COMPLAINCE OF ATTACHED TECHNICAL SPECIFICATION TO BE SUBMITTED ALONG WITH OFFER.
- 10-EMD SHALL BE RS.40,000/-.
- 11-CEBG (SD) SHALL BE 10% OF TOTAL PO VALUE (SUPPLY + E&C) TO BE SUBMITTED AFTER PLACEMENT OF PO.
- 12-PBG OF 10% VALUE IS REQUIRED AS PER CLAUSE NO. 19 OF OUR TERMS AND CONDITION.
- 13-COST OF TENDER SHALL BE RS. 500 INCLUSIVE OF VAT.
- 14-ALL THE TERMS AND CONDITION UNLESS OTHERWISE SPECIFIED ARE AS PER CAPITAL T&C REV-00 DATED 17-08-12
- 15-ENQUIRY TERMS & CONDITION IS TO BE FOLLOWED.
- 16-ALL DOCUMENTS UPLOADED WITH ENQUIRY SHALL BE RETURNED WITH STAMP & SIGNED OF PARTY ALONG WITH OFFER.
- 17-PLEASE SEND YOUR OFFER IN TWO SEPARATE ENVELOPE (TWO BID SYSTEM) 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.



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

ENCLOSERS:

Manjhi
13.10.15

FOR AND ON BEHALF OF
 BHARAT HEAVY ELECTRICALS LTD

Manjhi 13/10/15
 B K MANJHI
 DY GENERAL MANAGER (MM)
 Email:-bkmnjhi@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.



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TERMS & CONDITIONS FOR PURCHASE ENQUIRY

1. Offer must be submitted in a sealed cover. The cover should bear our enquiry number, due date of opening and name of her bidder.
2. When offer is invited in two bids, outer cover, inner cover-I (Techno Commercial bid) and inner cover -II (Price-Bid) must bear our tender no., due date and bidders name.
3. The offer should reach this office on or before 13:15 hrs. on the due date. The tender can also be dropped in the Tender Box kept at Administrative Building Gate. The tenders will be opened after 14:00 hrs. on the due date in presence of all bidders who will be present.
4. Offer should be free from overwriting or erasures. Corrections or additions, If any should be attested.
5. No enhancement of rate for whatever cause is allowed once the offer is accepted and the order is placed. Withdrawal from the quotation after it is accepted or failure to make the supply within the schedule period will entail cancellation of order, forfeiture of earnest money if any and/or imposition of risk & cost purchase.
6. Material offered should be of required quality and conforming strictly to our specification/drawings or to the specifications in the drawings. Any deviation must be clearly stated in the offer with particular clause/detail in our specification/drawing for which deviation is quoted. All required documents/details e.g. QA Plan, type TCs, drawings and date sheet etc. must be submitted alongwith the offer.
7. Irrespective of whether it is mentioned in our specification, all machines/equipments are required to be calibrated in metric units and certificates "must be issued where applicable".
8. Work test certificates/Inspection certificates/guarantee certificate/compliance certificate, etc. will be required to be submitted along with supplies in case an order, is placed.
9. In case an order is placed, supplier shall be required to guarantee for smooth and satisfactory performance of the equipment for a period of 24 months from the date of dispatch or 18 months from the date of commissioning whichever is earlier and certificate must be issued to this effect. Necessary instruction booklets for operation and maintenance are to be sent with supply where applicable.
10. Sample must be submitted where specified so as to reach us on or before the due date of tender.
11. Required lead time for affecting supplies alongwith available capacity should be indicated in the offer.
12. Failure to supply by the time specified on the order will make the supplier liable to pay unconditional penalty of ½% of the prices of goods in arrear per week subject to a maximum of 10% of the order value unless agreed otherwise.
13. The quantities for each item to be purchased may vary from the tendered quantity according to our actual requirement at the time of placing orders.
14. PAYMENT TERMS:
 - i) Our standard terms of payment is 100% payment after 60 days of acceptance of material at our works. In no case, interest for over due period will be borne by BHEL. Advance or LC payment terms shall generally not be considered and offers received with other than our standard terms of payment can be bypassed (except SIDBI discounting facility will be accepted for suppliers to whom this facility has been granted).
 - ii) The bidders who are covered under MSMED Act- 2006 & quoted 45 days of payment after acceptance of material will also be treated as standard terms of payment. MSE suppliers can avail intended benefit only if they submit along with the offer, attested copies of either EM II certificate having deemed validity (5 years from the date of issue of acknowledgement in EM II) or a valid NSIC certificate or EM II certificate along with



JSC140/M2053

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attested copy of a CA certificate (Format enclosed at Annexure-1 where deemed validity of EM II certificate of five years has expired) applicable for the relevant financial year (latest audited). Date to be reckoned for determining the validity will be the date of bid opening (Part 1 in case of two part bid). Non submission of such documents will lead to consideration of their bids at par with other bidders. No benefit shall be applicable for this enquiry if deficiency in the above required documents are not submitted before price bid opening. If tender has to be submitted through e-procurement portal then the above required documents are to be uploaded on the portal. Documents should be notarized or attested by a gazette officer.

15. Bharat Heavy Electricals Ltd. Does not bind itself to accept the lowest of any tender, but reserves to itself the right to accept or reject all or a part of any tender at its discretion following BHEL Purchase Policy & government guidelines.

16. In all cases of disputes, the matter shall be referred for arbitration. The arbitrator shall be nominated by the Unit Head, Bharat Heavy Electricals Ltd., Jhansi or any other officer nominated by him. The award of arvitror shall be final and binding on both the parties.

17. In case of any suit or other legal proceedings under or relating to this tender, the courts at Jhansi shall have full, jurisdiction.

18. Total delivered cost at BHEL Jhansi Railway siding/Works shall be the criterion for deciding the tender.

19. Unless otherwise specified, offer should be on ex-works basis with freight & insurance to be borne by BHEL.

20. Your quotation against this enquiry must be valid for ordering upto minimum of 90 days from the date of tender opening.

21. The offer of the bidders who are on the banned list as also the offer of the bidders, who engage the services of the banned firms, shall be rejected. The list of banned firms is available on BHEL website www.bhel.com. Likewise, the offers of those bidder(s) will not be considered if the business dealings have been suspended (under hold / delisting) by BHEL, Jhansi with the bidder(s) during the given period.

22. ADDITIONAL FOR INDIAN SUPPLIERS:

i) If any material is booked to selves or if it is not consigned to BHEL Jhansi, any warfage or demurrage occurring from these shall be to the account of supplier. In case of road transport, material shall be booked only through our rate contract transporters mentioned in the purchase order.

ii) Where there is provision for payment of Sales Tax extra, it will be paid only if the registration number both under State Sales Tax and Central Sales Tax are specically mentioned on the bill/invoice. Your Sales Tax Registration number should be mentioned in the offer positively.

iii) Excise duty Gate Pass will be required in original. Applicable taxes & duties must be included in the offer.

23. ADDITIONAL FOR FOREIGN SUPPLIER:

i) For documentation and correspondence language shall be English only.

ii) Rates quoted should be on FOB basis. All dispatches are to be made by sea by IPBC conference vessels only unless otherwise stated in purchase order.

iii) Agncy commission, if any, will be paid out of the FOB value after receipt & acceptance of material at BHEL Jhansi in Indian Rupees. TT buying exchange rate prevailing on the tender opening date or the letter of credit date or date of purchase order whichever is lowest will be considered for calculating the agency commission.

iv) The rates quoted should be inclusive of charges of packing and delivery of material upto the port of shipment on FOB terms. The material is required to be packed suitably in all respects considering the peculiarity of the material for normal transport by Sea/air and subsequently by Rail/Road in India suitably protected against the effect of tropical



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salt laden atmosphere in the event of consignment being delayed at Indian Ports before outward clearance. You should also furnish details of shipping specification, sizes, volume, weight, number of cases etc. When articles are packed with packing material of plant origin, phytosanitary certificate will be required.

v) Our standard terms of payment is 100% payment through bank against dispatch documents or 100% through sight irrevocable & unconfirmed letter of credit.

24. DEALING WITH INDIAN AGENTS OF FOREIGN SUPPLIERS

i) BHEL shall deal directly with foreign vendors, wherever required, for procurement of goods. However, if the foreign supplier desires to avail of the services of an Indian Agent, then the foreign supplier should ensure compliance to regulatory guidelines which require mandatory submission of an Agency Agreement.

ii) It shall be incumbent on the Indian Agent and the foreign principal to adhere to the guidelines of the Government of India, issued from time to time.

iii) The Agency Agreement should specify the precise relationship between the foreign OEM / foreign principal and their Indian Agent and their mutual interest in the business. All the services to be rendered by the agent / associate, whether of general nature or in relation to the particular contract, must be clearly stated by the foreign supplier / Indian Agent. Any payment, which the agent or associate, receives in India or abroad from the OEM, whether as commission or as a general retainer fee should be brought on record in the agreement and made explicit in order to ensure compliance to laws of country.

iv) Any agency commission to be paid by BHEL to the Indian Agent shall be in Indian Currency only.

v) Tax deduction at source is applicable to the agency commission paid to the Indian Agent as per the prevailing rules.

vi) In the absence of any agency agreement, BHEL shall not deal with any Indian agent (authorized representative / associate / consultant, or by whatever name called) and shall deal directly with the foreign principal only for all correspondence and business purposes.

25. Please also refer to our tender for any other terms and conditions.



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TECHNICAL SPECIFICATIONS
50A DUAL CHANNEL MICRO OHM METER

(4)

(COMPLIANCE SHEET)

Sl. No.	Description	Remarks / Vendor to Specify
1	The test set should be fully automatic for finding out the winding resistance of three phase & single phase Power & Auto Transformers up to 400 kV, 315 MVA rating & Rectifier transformer of 120 KA current rating. Instrument should be suitable to provide stable resistance value of high inductive winding quickly.	
2	The test set should be able to give direct readings of the resistance of test object automatically.	
3	No of channel—Dual	
4	Measurement Principle—Four Wire Kelvin Bridge	
5	Display of Resistance Value	
6	The test set should be suitable for Heat run test up to 01 Hour Continuously. Display of Internal time timer during resistance measurement at the time of Heat run test.	
7	The test current should be automatic up to the preset value, which shall be determined by the resistance value or measurement range selected under test	
8	The test voltage to be applied on the object under test should be independent of the supply frequency to avoid any variation in the frequency during the testing.	
9	The accuracy, reliability, steadiness and the repeatability of the readings should not be affected with the test voltages.	
10	Input power supply 230 V AC \pm 10% , 50 Hz Single phase	
11	Display Red LED & Display resistance value with appropriate unit	
12	Operator control Key pad/ Menu driven for setup, data input, result storage	
13	Environmental conditions: Operating Temperature: 0 °C to 50 °C, Humidity: 0-90% non condensing, Storage Temperature: 0 °C to 50 °C, Ambient Temperature: 0 °C to 50 °C	
Protection: Instrument should be protected against following		
14	Discharge the specimen safely when test is completed, if lead accidentally disconnects or if power is lost	
15	Monitoring circuit for contact operation of on load tap changer for proper make before break sequence/High speed current interrupt detector. If open circuit exist instrument should shut down immediately without any hazard/damage to instrument or operating personal.	
16	Both visual & audio Hazard warning should be provided for following Test in progress, Test specimen is discharging and Test specimen is fully discharged ready for connection changing	

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10.08.15

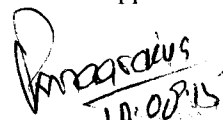
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The ranges of the test set for different parameters should be at least as per the points mentioned below	
17	Resistance Range : (1-10-100) mΩ to (1-10-100) Ω Resolution: 4 ^{1/2} digit Accuracy: (±) 0.2 % of rdg. for range 1 mΩ to 100Ω or better
18	Test Current Range : up to 50 Amp DC (Auto Range) & Continuous
19	Reading Stability: Reading should be stable & in steady state variation in measured value should not be more than ± 0.1% of mean value
20	Time for resistance measurement of 315 MVA transformer shall be less than 90 sec or better
21	The instrument should have detachable test leads for avoiding damage to the cables as well as to the instrument.
22	The test set should have safety monitoring system to ensure perfect grounding of test system while test is under progress and the accessories required for the same are also to be supplied along with the instrument.
23	The test kit shall meet all the relevant safety specifications / Standards.
The Test equipment shall be offered complete with the items mentioned below:	
24	Main Equipment with Transport/storage case & bag for cables
25	Window based PC software for report generation. Report format resistance against tap position in tabular form with all transformer details & temperature conversion from meas. temperature to standard temperature
26	Power supply cord, Data Transfer Software & leads
27	Cable Set for resistance measurement 15 meter potential lead with proper termination: 04 Nos. 15 meter current lead with proper termination: 02 Nos. 10 meter Safety Ground lead with proper clamp
28	Two sets of operating / maintenance manuals in English language
29	Three sets of calibration reports with following data: Calibration date, periodicity, calibration validity duration & next calibration due date. At least 20 sample calibration results of which minimum 2 results at each resistance range. Traceability details of standard used for calibration. All documents should be endorsed by authorized signature.
30	Performance & Warranty Certificate & Acceptance: Performance certificate of offered model supplied to different customer since last 02 years. Equipment must be Warranted for 24 Months after commissioning at our works from the date of acceptance by BHEL irrespective of date of supply or installation. Acceptance of the meter only after successful calibration at BHEL Jhansi works after commissioning.
31	Commissioning: Commissioning of the instrument to be done at our work by supplier's representative free of charge
32	Different type of accessories needed to connect the leads to equipment under testing.
33	Supplier should provide any other attachment/accessories required for smooth functioning of the instrument
34	Original technical catalog to be included along with technical bid. Mentioned Technical data in catalog shall only be considered for technical evaluation.
Instrument Live Demonstration	
35	Instrument live demonstration shall be given by supplier at BHEL Jhansi works when it is required at the time of technical evaluation.
Note: Supplier should submit 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.	

Prepared by



Checked & Approved by



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Financial qualifications criteria against Indent no 636250001 are as

1. Party should have atleast annual turn over of Rs 50/- Lakhs(Minimum) since last 03 consecutive years.
2. Party must have executed atleast 02 orders per year of similar testing instruments each of value should be more than the present tender in last 03 years.
3. Party should submit their certified balance sheet copy of last 02 consecutive years.

प्रमाणित
01-09-15
(प्रमोद नोगरिया)
रूप महाप्रबन्धक
पत्र एवं स्पेशल परिष्कार परीक्षण
सी.एन.ई.ए. सी.ए.सी.