



BHARAT HEAVY ELECTRICALS LIMITED
Heavy Power Equipment Plant, Ramachandrapuram,
Hyderabad - 502 032. INDIA.

Indent no:
Enquiry No. :
Due Date :

Contact person from Purchase Dept:

Name:
Designation
Phones :
e-mail:
Purchase Dept. :

Supplier Qtn. No.:
Date :

Specification cum Compliance Sheet for THE SUPPLIER FOR SUPPLY OF 4.5 Digit, 10 A Micro ohmmeters - 3 Nos.

Note:

ADDRESS OF THE SUPPLIER :
TELEPHONE NOS.:
E-MAIL ADDRESS :

FAX NOS.:

SI No	DESCRIPTION FOR BHEL REQUIREMENT	OFFERED	DEVIATIONS	REMARKS
1	Purpose: For measurement of DC resistance of Generator Stator and Rotor windings and Exciter Stator and Rotor Windings			
	Scope: The offer shall cover following items			
2	Measurement method : Four wire measurement.			
3	Operation : Shall be operable from the front panel keys and shall contain the display of all the parameters set/ selected.			
4	Display : 4.5 digit LED			
5	Measurement range : 0-2m Ω , 0-20m Ω , 0-200m Ω ,0-2 Ω ,0-20 Ω , 0-200 Ω or higher ranges.			
6	Accuracy : 0.05% +/-5 digits on ranges mentioned above.			
7	Current range :10 A at lowest resistance range,0.1 A at Highest resistance range.			
8	Resolution : 0.1 $\mu\Omega$ in lowest range and 0.1 Ω in Highest range.			
9	Protection : Shall be protected when terminals are short circuited.			
10	Power supply requirement : 230 Volts AC, 50Hz. The instrument shall be mains operated and also with chargeable battery.Internal charger shall be provided..			

11	Operating temperature : 15 to 45 °C			
12	Calibration Certificate : The supplier shall provide calibration certificate traceable to national/international standard.			
13	Accessories essential : Power supply cable,One set of measuring leads with Kelvin Clips(suitable for 10A) and another set of measuring leads with Crocodile Clips shall be provided.			
14	Documents & manuals : Two sets instruction and maintenance manual with detailed circuit diagram should be supplied with the instrument.			
15	Commissioning : The supplier shall commission the equipment at BHEL, Hyderabad for free of cost.			
16	Acceptance of Equipment : The equipment will be accepted by BHEL upon satisfactory demonstration of all its features and performance at BHEL.			
17	Delivery : Supplier shall deliver the equipment with in 12 weeks of placement of PO.			
18	Packing : Rigid packing shall made for all items of equipment, all accessories and other supplied items to avoid any damages/loss in transit.			
19	Only those vendors, who have supplied 2 No's of 4.5 Digit, 10 A Micro ohmmeters of similar or higher rating and such supplies are presently working satisfactorily for more than one year after commissioning (On the Date of Opening of tender), should quote. However, if vendor had supplied 4.5 Digit, 10 A Micro ohmmeters to BHEL, then it should be presently working satisfactorily for more than six months after its commissioning and acceptance (On the Date of Opening of tender) in BHEL. Vendor shall furnish reference list of such customers with contact person/s' details and also order copies. This is required from all Vendors for qualification of their offer			