



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

Indent no:	
Enquiry No. :	
Due Date :	
Supplier Qtn. No.:	
Date :	

Contact person from Purchase Dept:
Name:
Designation
Phones :
e-mail:
Purchase Dept. :

Specification cum Compliance certificate for THE SUPPLIER FOR SUPPLY OF 7.5 KVA, 7.5 KV AC High Voltage test kit-1 No.

1. Vendor must submit complete information against each clause.
2. The Vendor should fill " Offered" column in compliance to specified requirement and also "Deviations" Column, where there is a deviation from the requirement. Duly filled in specification cum Compliance certificate shall be submitted along with the offer. Inadequate, Incomplete , Ambiguous, or unsustainable information against any one of the clauses of the specification/ requirement shall be treated as non-compliance.

ADDRESS OF THE SUPPLIER :

TELEPHONE NOS.:	TELEPHONE NOS.:
FAX NOS.:	FAX NOS.:
E-MAIL ADDRESS :	E-MAIL ADDRESS:

SI. No.	Description	Offered	Deviations	Remarks
1	Purpose : The AC high voltage test kit is for use in testing of Generator Rotors and exciter winding during manufacturing and final performance tests			
2	Technical Specifications :			
2.1	Input Voltage: 230 V AC, 50 Hz, Single phase			
2.2	Output capacity : 7.5 KVA (Single phase)			
2.3	Output Voltage : 7.5 KV, 50 Hz(Continuously variable from 0 to 7.5 KV Manually)			
2.4	Output current : 1 A			
2.5	Duty Cycle : 5 minutes On (Continuous)			
2.6	Input Circuit breaker or Push button for Input ON and HT ON push button shall be provided.			
2.7	Operating temperature : Upto 50 °C			
2.8	Cooling Media : Air			
3	Controls :			
3.1	Input ON			
3.2	HT ON			
3.3	Zero Interlock Start provision			
3.4	External interlock provision			
3.5	Overload tripping : Tripping shall be adjustable at various currents from 10% to 110% of load			
4	Indications :			
4.1	Mains power Indicator			

Sl. No.	Description	Offered	Deviations	Remarks
4.2	HV ON Indicator			
4.3	HV Trip Indicator			
5	Measurements:			
5.1	Analog / Digital Voltmeter(For High Voltage) : $\pm 1\%$ accuracy			
5.2	Analog / Digital Ammeter (For Current) : $\pm 1\%$ accuracy			
5.3	Analog / Digital Voltmeter(For Input Voltage) : $\pm 1\%$ accuracy			
5.4	All the measurements should be continuously displayed on the control panel ythrough out the conductance of the test.			
5.5	External measurement provision for current and voltage shall be provided			
5.6	Digital Count Down Timer to be provided.			
6	General:			
6.1	Controls and the high voltage transformer shall be housed in single cubicle			
6.2	Danger Light to be provided over the cubicle and it should glow once the High Voltage is made ON.			
6.3	The AC High voltage kit shall be of portable and rugged construction for industrial use. The kit shall be provided with 360 Deg. rotatable rugged teflon wheels for movement in shop floor which has rail tracks etc., lifting hooks and handles for movement in the shop floor areas. The Control Panel Should be at a height of 3 ft to operate the equipment in standing position only.			
6.4	The kit shall be supplied with all accessories for conducting high voltage test			
7	Accessories/spares optional : Supplier to specify and quote seperately.			
8	Documents & manuals: Three numbers of operating and service manuals along with complete internal wiring and component list shall be supplied.			
9	Commissioning :The supplier shall commission the equipment at BHEL, Hyderabad at free of cost.			
10	Acceptance of Equipment: The equipment will be accepted by BHEL upon satisfactory demonstration of all its features and commissioning at BHEL.			
11	Delivery: Supplier shall quote definite delivery period.			
12	Packing: Rigid packing shall made for all items of equipment, all accessories and other supplied items to avoid any damages/loss in transit.			
13	Only those vendors, who have supplied 2 No's of AC High Voltage Test Kits of similar or higher rating (on the Date of opening of tender) 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 AC Variable Transformers 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			