



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 SUPPLY OF SERVO MOTOR CONTROLLED 37.5 KVA, 0-500V, 75 A, 50Hz, 1 Ph AC Variable Transformer-1 No.

Note:
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.
3.The offer and all documents enclosed shall be in English Language only.

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

Sl. No	Description	Offered	Deviations	Remarks
1	Purpose : The Servo Motor controlled AC Variable Transformer is used for measurement of Impedence of Generator Rotor winding upto 250MW during manufacturing and final performance tests			
2	Scope: Supply of Servo Motor controlled 37.5KVA, 0-500V, 75A, 50HZ AC Variable Transformer along with servo motor and control			
3	Technical Specifications :			
3.1	AC Variable Transformer			
3.1.1	Type: Single Phase, Unearthed			
3.1.2	Output KVA: 37.5 KVA			
3.1.3	Input Voltage:50 Hz, 415 V +/- 10% (two terminals i.e., line to line voltage)			
3.1.4	Output Voltage / Output Current : Variable 0-500 V AC / 75 A			
3.1.5	Servo Motor shall be fitted to the transformer for variation of the output voltage			
3.1.6	Power supply to the servo Motor: From one terminal of the input voltage and earth/neutral (230 V AC)			
3.1.7	Cooling Media: ONAN			
3.1.8	Measuring Transformer: 100A / 1A Class 0.2 Accuracy. Shall be fitted at output side for measurement of output current. CT shall be used for indication of current in the local control panel meter and also at remote accurate meter.			
3.2	Control Panel: Control Panel shall be mounted on the transformer			
3.2.1	Mains supply ON: MCB shall be provided			
3.2.2	ON/OFF: Through ON/OFF Push button			
3.2.3	Indication: LEDs shall be provided for ON indication and OFF indication			
3.2.4	Local / Remote: Selector switch to be provided and required wiring terminations shall be provided for remote connections.			
3.2.5	Measurement: Voltmeter of Class 1 Accuracy for Input Voltage Voltmeter of Class 1 Accuracy for Output Voltage Ammeter of Class 1 Accuracy for Output Cuurent Provision for external measurement of output voltage and output current to be given			

Sl. No	Description	Offered	Deviations	Remarks
4	General:			
4.1	The Equipment shall be of portable and rugged construction for industrial use. The kit shall be provided with 360 Deg. rotatable castor wheels, lifting hooks and handles for movement in the shop floor areas			
5	Inspection and Testing : Equipment supplied shall be offered for inspection and testing at suppliers works.			
6	Accessories/spares optional : Supplier to specify and quote separately.			
7	Documents & manuals: Two sets of operating manual and service manual shall be supplied along with a soft copy of the same.			
8	Gaurantee : The guarantee of the equipment shall be as per BHEL standard terms and conditions.			
9	Commissioning : The supplier shall commission the equipment at BHEL, Hyderabad .			
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 Variable Transformers 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			