

SPECIFICATION FOR ELECTRICAL TEST BENCH

WEX / CPBG/VVTB /17/2014-15

Sino	Description	Qty
1	3PH 0-500VAC 15 AMPS VARIABLE SOURCE 3 OUTPUT	1
2	1PH 0-300VAC 15 AMPS VARIABLE 3 OUT PUT	1
3	0-300V DC 5A VARIABLE DC SOURCE 3 OUTPUT	1
4	3PH 4 WIRE 415V 15 AMPS FIXED SOURCE 3 OUTPUT	1
5	220V DC 5AMPS FIXED SOURCE 3 OUTPUT	1
6	110V DC 5AMPS FIXED SOURCE 3 OUTPUT	1
7	110V AC 15AMPS FIXED SOURCE 3 OUTPUT	1
8	24V 5AMPS DC FIXED SOURCE 3 OUTPUT	1
9	TIMER TESTING/ CALIBRATION FACILITY with 1NO/NC	0 TO 60 MINUTES
10	AMMETER TESTING FACILITY	0-5AMPS
11	OUT PUT CABLE 2.5SQmm 4 CORE FLEXIBLE COPPER CABLE 25 MTR LENTH FITTED WITH METAL CLAD PLUG IN ONE END AND OTHER SIDE CROCODILE CLIPS TO PROVIDED	3
12	OUT PUT CABLE 2.5SQmm 4 CORE FLEXIBLE COPPERCABLE 25 MTR LENTH FITTED WITH METAL CLAD PLUG IN ONE END	3
13	OUT-PUT CABLE FOR 220 VOLTS DC 4 SQmm2 CORE FLEXIBLE COPPER CABLE (BLACK,RED) 25 MTR LENTH FITTED WITH METAL CLAD PLUG IN ONE END AND OTHER SIDE CROCODILE CLIPS TO PROVIDED	3
14	OUT PUT CABLE FOR 220 VOLTS DC 4 SQmm2 CORE FLEXIBLE COPPER CABLE (BLACK,RED) 25 MTR LENTH FITTED WITH METAL CLAD PLUG IN ONE END.	3
15	OUT PUT CABLE FOR 300V AC 2.5SQmm 2 CORE FLEXIBLE COPPER CABLE 25 MTR LENTH FITTED WITH METAL CLAD PLUG IN ONE END AND OTHER SIDE CROCODILE CLIPS TO	3
16	OUT PUT CABLE FOR 300V AC 2.5SQmm 2 CORE FLEXIBLE COPPER CABLE 25 MTR LENTH FITTED WITH METAL CLAD PLUG IN ONE END .	3
17	OUT PUT CABLE FOR 24V DC 4SQmm 2 CORE FLEXIBLE COPPER CABLE 25 MTR LENTH FITTED WITH METAL CLAD PLUG IN ONE END .	3
18	MAKE OF COMPONENTS	
a	MCB&SELECTOR SWITCHES	L & T
b	VOLTMETER &AMMETER	MECO / AE
c	CABLES	FINOLEX
d	DIODES	RUTHENSHA

Monappa
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19	ENCLOSURE	MS Metal with tube frame and 100% rotated nylon wheel
20	PAINT	powder coating semens grey
21	ADDITIONAL REQUIREMENTS	
	DC VOLTAGE SHOULD BE RIPPLE FACTOR (ALLOWABLE UP TO 5%)	
a	THE TEST BENCH SHALL HAVE CLUSTER TYPE LED INDICATOR LAMP	
b	DIGITAL VOLTMETER AND AMMETER FOR MAINS	
c	OTHER VOLTMETER SHALL ANALOG TYPE	
d	PORTABLE TABLE, FABRICATED WITH SUITABLE THICKNESS CRCA SHEET POWDER COATED WITH INCLINED DISPLAY, TABLE SHALL HAVE A WORKING SPACE OF 4X3 FEET.AS PER SAMPLE DRAWING ENCLOSED	
e	TEST BENCH DRAWING WILL BE FINALISED BEFORE P.O.	

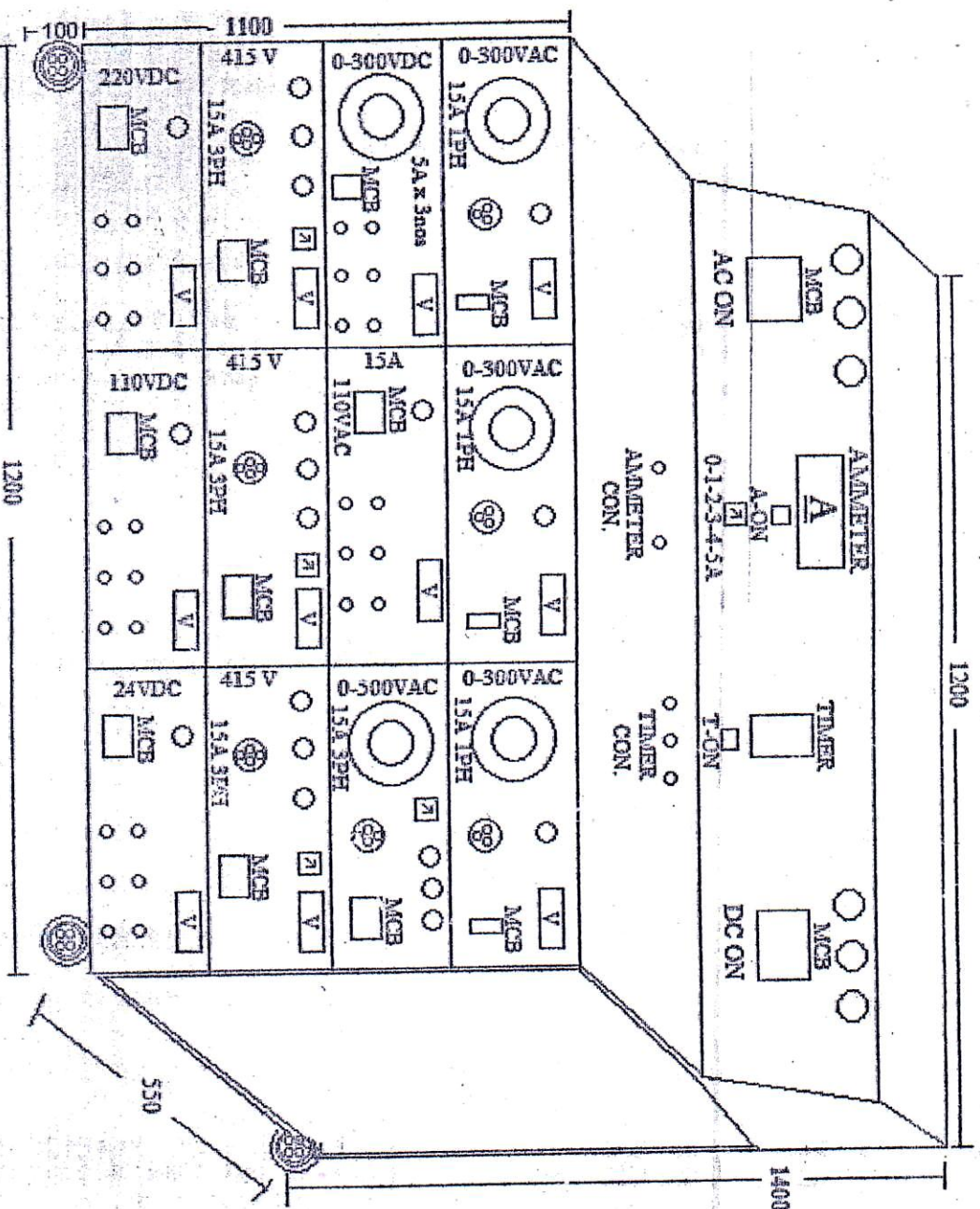
Qualification criterion :

1	<i>The vendor shall be Original Equipment Manufacturer (OEM).Dealers have to submit authorisation certificate from OEM</i>	Please provide copy of registration certificate
2	<i>The vendor shall have qualified personnel, their own adequate manufacturing / integrating and testing facilities for the equipment offered.</i>	Please provide company profile with manpower details
3	<i>The vendor should have manufactured, supplied and successfully commissioned similar equipments , in the last 2 years</i>	provide order copies
4	<i>The vendor shall submit audited balance sheet or tax returns or profit loss account for the last 3 years</i>	submit copy of required documents

Note : If the qualification criteris is not fulfilled the offer will not be considered for evaluation


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ALL AC CABLE WITH PLUG AND CROCODILE CLIP & DC CABLE WITH BANANA TERMINAL PLUG & CROCODILE CLIP

[Handwritten signature]
 Design Engineer
 Bharat Heavy Electricals Limited
 WEX/CPBG/VTB/17/2014-15



Bharat Heavy Electricals Limited
 Electro Porcelain Division

General assembly drawing for variable voltage test bench
 WEX/CPBG/VTB/17/2014-15