



Vendor:
LIVELINE ELECTRONICS
KOLKATA
WEST BENGAL, INDIA

**QUALITY ASSURANCE PLAN
FOR
UPS Systems**

CONTRACTOR :

DESCRIPTORS:					CODES FOR EXTENT OF INSPECTION, TESTS, TEST CERTIFICATES & DOCUMENTS									
1. 2 X 8 KVA UPS systems					CODE DESCRIPTION			CODE DESCRIPTION			DOCUMENTS			
					1. Visual 2. Dimensional 3. IR & HV 4. Interconnection Checking 5. Light Load Test 6. UPS auxiliary device test 7. Parallel Operation Test 8. Transfer Test 9. Full load test 10. Manual Bypass mode test 11. AC input Failure Test 12. AC input return test			13. Type test (If applicable) 14. Heat run test / temp. rise test 15. Enclosure protection 16. Calibration 17. Test Certificate for bought component / equipment 18. Paint shade verification including thickness 19. Operational and functional checks per Mfr's Format 20. Verification of BOM			D1 Approved GA drawings D2 Approved single line Schematic diagram D3 Catalogue/approved data sheet D4 Approved Bill of materials D5 Unpriced P O copy D6 Calibration certificate of measuring instrument and gauges D7 Check list of equipment and test schedule D8 Inspection procedure and test schedule D9 Applicable test at 3rd Party test houses (approved) D10 Internal Inspection Test reports. D11 Manufacturer's T.C			
EQUIPMENT DETAILS					INSPECTION AND TESTS						Test certificates. And documents for inspection/ verification	Acceptance criteria standard /IS or any Mfr's Standard	Remarks	
Sl No	Description (with equipment heading)	Quantity	Manufacturer's name and Address	Expected schedule of inspection	Raw Material and in process Stage inspection			Final inspection and test by						
		No/M			LIVELINE	CUSTOMER	THIRD PARTY	LIVELINE	CUSTOMER	THIRD PARTY				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
1.	UPS Systems	1 No.			1, 2, 3, 15,17,18,20	-	-	1, 2, 3, 4, 5,6,7,8,9,10,11,12,14,19,20	1, 2, 4, 5,6,7,8,9,10,11,12,19,20	1, 2, 4, 5,6,7,8,9,10,11,12,19, 20	D1, D2, D3, D4, D10	As per IS / Mfr's Std. IEC-62040		

NOTE- 1. Battery banks will not be offered for any witness test and only ITR shall be submitted for acceptance.
2. Quantity for witness test (Charger) will be 10% of total. However , minimum qty will be 1 unit and max 3 units.