

Technical specification for servo controlled voltage stabilizer (20kVA) Three phase, or three of single phase.

No.	YM Specification	Bidder
1	Capacity (20kVA), 3ph or (three of 6.5kVA, 1ph)	
2	Model:	
3	Country of Origin:	
4	Input voltage Range :	
5	Minimum input voltage 150V per phase, should get 220V output Voltage.	
6	Accuracy : +/- 1% of the output voltage and it can be adjusted	
7	Speed of Correction:	
8	Type (Horizontal, or Vertical):	
9	Auto ON facility with adjustable time Delay	
10	Winding, CU	
11	At input voltage 170V should get 20kVA output power (provided by power curves).	
12	Efficiency > 90%:	
13	Auto/Manual operation facilities	
14	Three meters provided for reading input/output voltages, Analogue moving iron type.	
15	Should have Over load protection.	
16	Should have Over/under voltage protection .	
17	Protection for neutral missing (to isolate stabilizer).	
18	Input ON – OFF MCB of suitable rating to be provided with function of S.C protection.	
19	Tripping Indicators for all the protections provided in the voltage stabilizer (over voltage, under voltage, single phasing and phase reversal).	
20	Stabilizer Bypass facility to be provided, and switch to be provided inside the panel.	
21	Cooling : Should be Naturally	
22	Qty (90 of 3ph), or 270 of 1ph	

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Warranty:- The bidder should provide comprehensive warranty for two years from the date of final acceptance for the tender equipments and entering YM warehouse.

The bidder shall furnish the following information with the documentary proof as an essential part of technical bid in the sealed envelope super-scribed as: "Technical Bid":

- All pages of the original Tender Document are to be signed and enclosed with the Technical Bid without cutting.
- The quoted product should meet out International Industry standards, and should meet European standard or American standard.
- Bidder should be registered with Secretariat for Industrial Approval (SIA), Ministry of Industries, and should have minimum 5 years of standing experience for supplying of company products.

During technical evaluation preference will be given to the agency having experience and Acceptance test certificates approved for similar products supplied to Europe or America.