

ANNEXURE-I

Sno.	DSO Parameters	BHEL Specification	Vendors Compliance (YES/NO)
1	Analog Bandwidth	≥ 20 MHz	
2	Input channels	Analog channels: ≥ 2 nos	
3	Rise Time	≤10 nano sec	
4	Vertical Resolution	≥ 10 bits	
5	Input Sensitivity	≤1mV/div to ≥ 5V/div	
6	Time Base range	≤1μs to ≥30 s/div	
7	DC Accuracy	± 2% of full scale or better	
8	Time base Accuracy	±0.001% or better	
9	Max Sampling rate	≥ 100M samples/sec on each channel	
10	Standard memory depth	≥ 50M points per channel	
11	Sampling Modes	Real-time, equivalent Time	
12	Trigger modes	Auto, Normal, Single, On start	
13	Trigger Types	Edge, Glitch, Pulse Width, Runt, Window etc	
14	Input impedance	1M ohms	
15	Display	≥8 inch display with Touch screen	
16	Ports and Connectivity	LAN ports, USB ports The software should have features to communicate with PC through suitable connectivity	
17	AC Supply	100 to 240V @ 50-60 Hz	
18	Standard Probes	≥ 2 no's passive probe(10:1)	
19	Accessories	1) Power cord 2) Carry kit	
20	Warranty	≥3 years for main unit	
21	Documentation	All user , maintenance manuals and backup software media with installation & recovery instructions	
22	Certificates	All Calibration and Warranty Certificates	
23	OEM Service and Calibration center	Service and Calibration center of OEM should be available in India	