

Specification for SMU

- 1) System should be capable of sourcing/ measuring voltage or current on both channel Simultaneously.
- 2) System should have 6 ½ digit source and measurement resolution. .
- 3) System should be capable of pulsing 10A current simultaneously on both channel.
- 4) Voltage capability: 200 mV to 200 volts with resolution of 100 nV.
- 5) Current capability: 100 nA to 1.5A DC or better with resolution of 1 pA.
- 6) System should able have GPIB, Ethernet, RS 232 communication.
- 7) System should be provided with cable compatible of doing four wire measurement on both channels simultaneously.
- 8) System should have 16 MB internal memory for stand-alone operation.
- 9) Software should have functions like voltage/current sweep/ steps, should able to store the data and graphs.
- 10) Suitable cables and probes .