

S. No.	Description/Specifications/Part No. of Scientific/Technical/ Administrative Stores	Qty Required
1	2	4
01	a) <u>Digital Storage Oscilloscope</u> Channels = 02, Bandwidth = 200 MHz 1x / 10x passive probes (1 per channel) Calibration : RS calibrated (RS CAL) Input Power Supply : 220Vac, 50Hz Vertical Sensitivity : 2mV/div – 5V/div Time Base : 2.5ns/div – 50s/div Sample rate random : 1Gsps Record length : 2.5K, CAT II (300Vac) Waveform measurements : (Period, freq, +width, -width, rise time, fall time, max, min, peak-to-peak, mean, cycle rms) <i>Model No : TDS2022C / Equivalent</i> <i>Make : Tektronix / Equivalent</i> b) <u>Spare:</u> (compatible with above oscilloscope) i) Tektronix P2220 Oscilloscope Probe Probe Type : Passive, Voltage, Bandwidth : 200 MHz, 6 MHz Attenuation : 1x + 10x Safety Category Voltage : 150Vac, 300Vac ii) Tektronix P5122 Oscilloscope Probe Probe Type : Passive, High Voltage, Bandwidth : 200 MHz Attenuation : 100x Safety Category Voltage : 600Vac, 1000Vac	01 No. 01 Nos. 01 Nos.

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02	<u>Digital Bench Power Supply</u> Output Voltage Range = 0-60V dc Output Current Range = 0-20A Number of Outputs : 02 Power Rating = 840 W (CPX400D) Input voltage = 220-240Vac $\pm$ 10%, 50Hz Power Requirement = 600VA <i>Model No: CPX400D / Equivalent</i> <i>Make: Aim-TTi, UK Equivalent</i>	01 No.
03	a) <u>Digital Handheld MULTIMETER</u> DC/AC voltage : 1uV – 1000V DC/AC Current : 0.01uA – 10A Temperature : -200 – 1350°C, Calibration :RS CAL Resistance : 10 mΩ – 500 MΩ Capacitance : 1 pF – 100 mF, Frequency : 100 KHz Large Backlit display, Battery : AA x 6 Accessories : Pair of Test leads/probes (red/ black) <i>Model : 289 / Equivalent</i> <i>Make : Fluke, USA Equivalent</i> b) <u>Spare: (compatible with above meter)</u> i) Fluke TP220-1 Test Probe Kit (red/black) CAT II = 1000V, 10A ii) Fluke extension lead set (red/black) Connector type : Female coupler, straight Length = 1.5m, current rating = 10A	01 No. 03 Nos. 02 Nos.

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06	<u>Digital Phase Rotation Tester</u> Connection Type = Test Probe Digital Display = LCD Consumption = 1mA Frequency Range = 15 Hz – 400 Hz Voltage Range = 40V ac – 700V ac <i>Model : 9040 EUR / Equivalent</i> <i>Make : Fluke, USA / Equivalent</i> <u>Note:</u> • Provide catalogue/literature in English along with quotation for all the items. • Also provide Warranty period & Calibration source.	01 No.