**Appendix – III**

**(Schedule of Quantity)**

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| **Sr. No.** | **Name of Item/Equipment** | **Qty.** |
| 3 | **Function Generator / Arbitrary Waveform Generator 1-Channel**  **Possible Company / Make:** Keysight / Tektronix / Aplab / Agilent   * Waveform Generator, Trueform, Arbitrary, 1 Channel, minimum 30 MHz, to 120MHz * 30 MHz, 1-channel * Amplitude ranges: 1 mVpp up to 10 Vpp * 250 MSa/s sampling rate * 16-bit amplitude resolution * 1 MSa/channel memory, 16 MSa optional * Waveform generator with arb capability * Waveform: Sine, Square, Pulse, Ramp, Arbitrary etc. * Frequency Sine: Minimum 1µHZ to Minimum 30MHz. * Square, Pulse: Minimum 1µHz to Minimum 10MHz or more. * Pulse Width: Minimum 20ns or better. * Other waveform- * DC offset(into50Ω/60Ω)-5V to + 5V * Ramp/Triangle: 1MHz or better * Arbitrary Waveform: Sample rate Minimum 100MSample/sec; Resolution 10bit or higher. * Amplitude into 50Ω/60Ω: * Minimum 10mVpp to minimum 10Vpp * Available Units: Vpp, VRMS * O/P impedance: 50Ω/60Ω * Modulation: AM,FM,FSK-source internal/external * Sweep: Linear or Logarithmic-sweep time: 10ms to 400 sec. or better. * Auxiliary Modulation i/p Channel: Dual channel, DC to Minimum 20KHz. * Power Source: 230 V, 1-Φ, 50 Hz compatible at GECG-Sec-28 * Display-Minimum 3-inch TFT/LED/LCD | 02 |