**IoT/Electronics/Electricity Materials**

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| **Names** | **Quantity** |
| Resistor(220\_1k)Ohms | 100 |
| Breadboard | 15 |
| Power Supply / Battery(3V, 5V, 9V and 12V) | 10 for each voltage |
| Electronic Switch (Push button / Toggle switch) | 30 |
| Jumper Wires (male to male) | 20m |
| Diodes | 100 |
| transistors | 50 |
| Electronic toolbox set | 10 |
| Electrical tool kit | 10 |
| * One-way switch * Double pole one-way switch * two gang switch * Ring push button or bell push button * two-way switch * Intermediate switch * Two gang two-way switch | 50 for each |
| * Cables/wires (1.5mm2 and 2.5mm2 | 2 rolls for each |
| * Socket outlets | 50 |
| * Conduits Lay | 10m |
| * Protective devices (fuse or circuit breakers) | 20 |
| * Switchboxes | 50 |
| * Lamps and * Lamp holders | 50 for each |
| * Insulating tapes | 10 |
| * Multi-meter | 5 |
| * DHT11–Temperature/Humidity Sensor * MQ2 Gas/Smoke Sensor * Water Level Sensor * Sound Sensor * PIR (Passive Infrared) sensor * MQ3 alcohol sensor * PH sensor * TCS230/TCS3200 Color Sensor * 7 Segment Display * 16×2 LCD * Servo Motor * 28BYJ-48 Stepper Motor * One Channel Relay Module * Two Channel Relay Module * Rotary Encoder(potential meter) | 10 for each |

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