# CHAPTER 7: COST ESTIMATION

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| S.N | Components | Quantity | Market Cost (Rs.) | Total (Rs.) | Remarks |
| 1 | Raspberry Pi 4 4 GB | 1 | 12000 | 12000 | Available in College |
| 2 | Raspberry Pi 500W infrared Camera module | 2 | 1500 | 3000 | Himalayan Solution |
| 3 | **Arduino Mega 2560** | 1 | 800 | 800 | Available in College |
| 4 | Servo Motor – MG966R Series | 6 | 400 | 2400 | Available in College |
| 5 | 6-Channel 12-bit PWM/Servo Driver - I2C interface - PCA9685 | 1 | 1000 | 1000 | Available in College |
| 6 | Buck Converter | 1 | 250 | 250 | Available in College |
| 7 | Ultrasonic sensor | 2 | 200 | 200 | Available in College |
| 8 | H3-05 Bluetooth Module | 1 | 200 | 200 | Available in College |
| 9 | Dc motor(9v) | 4 | 500 | 2000 | Himalayan Solution |
| 10 | Robotic Arm | 1 | \_ | \_ | Himalayan Solution |
| 11 | Wheel | 4 | 50 | 200 | Available in College |
| 12 | Li po battery (3200 mah) | 1 | 1200 | 1200 | Available in College |
| 13 | Chassis | 1 | \_ | \_ | Himalayan solution |
| 14 | Accelerometer Sensor (Gy-45 MMA845X) | 1 | 390 | 390 | “” |
| 15 | L293D Dc motor Driver shield | 1 | 650 | 650 | “” |
| 16 | IR sensor | 4 | 275 | 1100 | Himalayan Solution |
| 17 | Weight Sensor 20kg | 1 | 225 | 225 | Himalayan Solution |
| 15 | Total |  |  | 26615 |  |