| **Component** | **Approx. Price (INR)** | **Notes** |
| --- | --- | --- |
| Raspberry Pi Pico W | ₹578 | Microcontroller with built-in Wi-Fi. |
| PIR Sensor HC-SR501 | ₹57 | Detects motion; ideal for sensing human presence. |
| IR Sensor Module | ₹85 | Detects object presence; useful for part detection. |
| 0.96" OLED Display Module (128x64, I2C/SPI) | ₹224 | Displays system status and alerts. |
| TCS3200 Color Sensor Module | ₹415 | Detects color; ensures correct part color verification. |
| Breadboard with Jumper Wires | ₹200 | For prototyping and connections. |
| 5V 2A Power Adapter with USB Cable | ₹198 | Powers the system reliably. |
| Buzzer + LEDs | ₹86 | Provides audible and visual alerts. |
| Logic Level Converter Module | ₹68 | Ensures compatibility between different voltage levels. |
| Miscellaneous Passive Components | ₹100 | Resistors, capacitors, etc., for circuit stability. |
| **Total Estimated Cost** | **₹2,021** |  |

**Budgeting Plan – Batch 2**