**Components Used**

Table : List of components used

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr. No.** | **COMPONENT** | **SPECIFICATION** | **QUANTITY** | **PER UNIT COST(INR)** |
| **1.** | Microcontroller | ATMEGA382 | 1 | 80 |
| **2.** | Level shifter IC | MAX232 | 1 | 200 |
| **4.** | GSM Modem |  | 1 |  |
| **5.** | Voltage Regulation IC | 7805, 5V DC | 2 | 5 |
| **6.** | LCD | 16X2 | 2 | 50 |
| **7.** | Crystal Oscillator | 11.0592 MHz | 2 | 70 |
| **8.** | Zener Diode | 5V | 2 | 4 |
| **9.** |  |  |  |  |
| **10.** | LED | Red, Green | 2 | 3 |
| **11.** | Switch |  |  |  |
|  | Relay Driver |  |  |  |
| **12.** | Relay Switch |  |  |  |
| **13.** | Lamp |  |  |  |
| **14.** | Resistors | 47 ohm,1 K,4.1 K  10 K | 1,1,1,4 | 2 |
| **15.** | Electrolytic Capacitors | 10uF,100uF  10000uF | 2,2,1 | 5 |
| **16.** | Ceramic Capacitors | 0.1uF | 4 | 1 |
| **17.** | Wires and Connectors |  |  | 10 |
| **18.** | Microcontroller Board | PCB | 2 | 500 |