

5.2. Cost Estimation

The details of price of components used in project is given below.

Table 4: Details of Price of components

| S.N. | Particulars | Quantity | Rate per item(NRs.) | Total(NRs.) |
|--------------|--------------------|-----------------|----------------------------|--------------------|
| 1 | Arduino | 1 | 2000 | 2000 |
| 2 | Chassis | 1 | 150 | 150 |
| 3 | Motor | 2 | 500 | 1000 |
| 4 | Rear Wheel | 2 | 100 | 200 |
| 5 | Front Wheel | 1 | 150 | 150 |
| 6 | LCD | 1 | 450 | 450 |
| 7 | Motor Driver | 1 | 350 | 350 |
| 8 | Jumper Wire | 20 | 10 | 200 |
| 9 | Photodiode | 5 | 30 | 150 |
| 10 | IR LED | 5 | 15 | 75 |
| 11 | LM 358 | 1 | 80 | 80 |
| 12 | LM 7805 | 1 | 45 | 45 |
| 13 | AAA Battery | 4 | 15 | 60 |
| 14 | 9V Battery | 1 | 80 | 80 |
| 15 | Battery Holder | 1 | 50 | 50 |
| 16 | Switches | 1 | 5 | 5 |
| 17 | Miscellaneous | | | 1000 |
| Total | | | | 6045 |

Hence, the product is finalised in NRs. 6045 excluding the labor cost.