**Load Calculation for Ground Floor:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SL No. | Description Of Loads | Watt Per Unit | No. | Connected Load, Watt |
| 1 | **Light Points:** |  |  |  |
| 1.1 | Concealed Wall Light | 30 | 7 | 210 |
|  |  |  |  |  |
| 2 | **Fan Points:** |  |  |  |
| 2.1 | 56” Ceiling Fan | 80 | 4 | 320 |
|  |  |  |  |  |
| 3 | **Socket Points:** |  |  |  |
| 3.1 | 3 Pin 13A S/Socket | 200 | 3 | 600 |
|  |  | **Total** |  | 1130 |
|  |  |  |  |  |

**Load Calculation for 1st Floor:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SL No. | Description Of Loads | Watt Per Unit | No. | Connected Load, Watt |
| 1 | **Light Points:** |  |  |  |
| 1.1 | Concealed Wall Light | 30 | 7 | 210 |
|  |  |  |  |  |
| 2 | **Fan Points:** |  |  |  |
| 2.1 | 56” Ceiling Fan | 80 | 4 | 320 |
|  |  |  |  |  |
| 3 | **Socket Points:** |  |  |  |
| 3.1 | 3 Pin 13A S/Socket | 200 | 3 | 600 |
|  |  | **Total** |  | 1130 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SL No. | Description Of Loads | Watt Per Unit | No. | Connected Load, Watt |
| 1 | **Light Points:** |  |  |  |
| 1.1 | Concealed Wall Light | 30 | 7 | 210 |
|  |  |  |  |  |
| 2 | **Fan Points:** |  |  |  |
| 2.1 | 56” Ceiling Fan | 80 | 4 | 320 |
|  |  |  |  |  |
| 3 | **Socket Points:** |  |  |  |
| 3.1 | 3 Pin 13A S/Socket | 200 | 3 | 600 |
|  |  | **Total** |  | 1130  2260 |

**Cost Estimation for ground Floor:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SL No. | Description of Components | Per Unit Price  (Tk) | No. | Overall Cost  (Tk) |
| 1 | Concealed Wall light | 250 | 7 | 1750 |
| 2 | Ceiling Fan | 3000 | 4 | 12000 |
| 3 | Socket | 50 | 3 | 150 |
| 4 | Switch Board | 285 | 6 | 1710 |
| 5 | Wire 1.5 mm2 | 13/3ft | 12 | 52 |
| 6 | Wire 2.5 mm2 | 19/3ft | 9 | 57 |
| 7 | Wire 6 mm2 | 20/ft | 5 | 100 |
| 8 | Conduit Concealed wire | 45/ft | 6 | 270 |
| 9 | Meter | 1520 | 1 | 1520 |
| 10 | MCB | 370 | 1 | 370 |
| 10 | DB | 180 | 1 | 180 |
|  | Total |  |  | 18,159 |

**Cost Estimation for 1st Floor:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SL No. | Description of Components | Per Unit Price  (Tk) | No. | Overall Cost  (Tk) |
| 1 | Concealed Wall light | 250 | 7 | 1750 |
| 2 | Ceiling Fan | 3000 | 4 | 12000 |
| 3 | Socket | 50 | 3 | 150 |
| 4 | Switch Board | 285 | 6 | 1710 |
| 5 | Wire 1.5 mm2 | 13/3ft | 12 | 52 |
| 6 | Wire 2.5 mm2 | 19/3ft | 9 | 57 |
| 7 | Wire 6 mm2 | 20/ft | 5 | 100 |
| 8 | Conduit Concealed wire | 45/ft | 6 | 270 |
| 9 | Meter | 1520 | 1 | 1520 |
| 10 | MCB | 370 | 1 | 370 |
| 10 | DB | 180 | 1 | 180 |
| 11 | MDB | 500 | 1 | 500 |
|  | Total |  |  | 18,659 |
|  | *Final Budget:* |  |  | 36,818 |