

### **Load Calculation for Ground Floor:**

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

### **Load Calculation for 1st Floor:**

SL No.	Description Of Loads	Watt Per Unit	No.	Connected Load, Watt
1	<b>Light Points:</b>			
1.1	Concealed Wall Light	30	7	210
2	<b>Fan Points:</b>			
2.1	56" Ceiling Fan	80	4	320
3	<b>Socket Points:</b>			
3.1	3 Pin 13A S/Socket	200	3	600
		<b>Total</b>		<b>1130</b>
				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 mm <sup>2</sup>	13/3ft	12	52
6	Wire 2.5 mm <sup>2</sup>	19/3ft	9	57
7	Wire 6 mm <sup>2</sup>	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
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**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 mm <sup>2</sup>	13/3ft	12	52
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7	Wire 6 mm <sup>2</sup>	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
	<i>Final Budget:</i>			36,818