

## ELECTRICAL RATE ANALYSIS

### 1 1x20 Watt F.T.L Patti fitting Wipro/GE or equivalent

| 3001                           | sources                   | Level | Qty | Unit | Rate/unit | cost    | Total Cost              |
|--------------------------------|---------------------------|-------|-----|------|-----------|---------|-------------------------|
| labour                         | skilled                   |       | 0.5 | nos  | 1185.00   | 592.50  | 1082.50                 |
|                                | Semi skilled              |       | 0.5 | nos  | 980.00    | 490.00  |                         |
|                                | un skilled                |       | 0   | nos  | 870.00    | 0.00    |                         |
| materials                      | a. Patti with chowk       |       | 10  | nos  | 484.00    | 4840.00 | 5890.00                 |
|                                | b. Rod, screw, grips etc. |       | 10  | LS   | 105.00    | 1050.00 |                         |
|                                |                           |       |     |      |           |         | 6972.50                 |
|                                |                           |       |     |      |           |         | 15% contractor overhead |
|                                |                           |       |     |      |           |         | 1045.88                 |
| <b>Rate per set Rs. 801.83</b> |                           |       |     |      |           |         | <b>Total (Rs.)</b>      |
|                                |                           |       |     |      |           |         | <b>8018.38</b>          |

### 2 1x40 Watt F.T.L Patti fitting Wipro/GE or equivalent

| 3002                            | sources                   | Level | Qty | Unit | Rate/unit | cost    | Total Cost              |
|---------------------------------|---------------------------|-------|-----|------|-----------|---------|-------------------------|
| labour                          | skilled                   |       | 0.5 | nos  | 1185.00   | 592.50  | 1082.50                 |
|                                 | Semi skilled              |       | 0.5 | nos  | 980.00    | 490.00  |                         |
|                                 | un skilled                |       | 0   | nos  | 870.00    | 0.00    |                         |
| materials                       | a. Patti with chowk       |       | 10  | nos  | 809.00    | 8090.00 | 9140.00                 |
|                                 | b. Rod, screw, grips etc. |       | 10  | LS   | 105.00    | 1050.00 |                         |
|                                 |                           |       |     |      |           |         | 10222.50                |
|                                 |                           |       |     |      |           |         | 15% contractor overhead |
|                                 |                           |       |     |      |           |         | 1533.38                 |
| <b>Rate per set Rs. 1175.58</b> |                           |       |     |      |           |         | <b>Total (Rs.)</b>      |
|                                 |                           |       |     |      |           |         | <b>11755.88</b>         |

### 3 1x20 Watt F.T.L Mirrolta Wipro/GE or equivalent

| 3003                            | sources                  | Level | Qty | Unit | Rate/unit | cost    | Total Cost              |
|---------------------------------|--------------------------|-------|-----|------|-----------|---------|-------------------------|
| labour                          | skilled                  |       | 0.5 | nos  | 1185.00   | 592.50  | 1082.50                 |
|                                 | Semi skilled             |       | 0.5 | nos  | 980.00    | 490.00  |                         |
|                                 | un skilled               |       | 0   | nos  | 870.00    | 0.00    |                         |
| materials                       | a. FTL Set               |       | 10  | nos  | 914.00    | 9140.00 | 10190.00                |
|                                 | b. Tube rod with starter |       | 10  | nos  | 96.00     | 960.00  |                         |
|                                 | c. screw, grips etc.     |       | 10  | LS   | 9.00      | 90.00   |                         |
|                                 |                          |       |     |      |           |         | 11272.50                |
|                                 |                          |       |     |      |           |         | 15% contractor overhead |
|                                 |                          |       |     |      |           |         | 1690.88                 |
| <b>Rate per set Rs. 1296.33</b> |                          |       |     |      |           |         | <b>Total (Rs.)</b>      |
|                                 |                          |       |     |      |           |         | <b>12963.38</b>         |

### 4 1x40 Watt F.T.L Mirrolta Wipro/GE or equivalent

| 3004                            | sources                  | Level | Qty | Unit | Rate/unit | cost     | Total Cost              |
|---------------------------------|--------------------------|-------|-----|------|-----------|----------|-------------------------|
| labour                          | skilled                  |       | 0.5 | nos  | 1185.00   | 592.50   | 1082.50                 |
|                                 | Semi skilled             |       | 0.5 | nos  | 980.00    | 490.00   |                         |
|                                 | un skilled               |       | 0   | nos  | 870.00    | 0.00     |                         |
| materials                       | a. FTL Set               |       | 10  | nos  | 1065.00   | 10650.00 | 11700.00                |
|                                 | b. Tube rod with starter |       | 10  | nos  | 96.00     | 960.00   |                         |
|                                 | c. screw, grips etc.     |       | 10  | LS   | 9.00      | 90.00    |                         |
|                                 |                          |       |     |      |           |          | 12782.50                |
|                                 |                          |       |     |      |           |          | 15% contractor overhead |
|                                 |                          |       |     |      |           |          | 1917.38                 |
| <b>Rate per set Rs. 1469.98</b> |                          |       |     |      |           |          | <b>Total (Rs.)</b>      |
|                                 |                          |       |     |      |           |          | <b>14699.88</b>         |

## ELECTRICAL RATE ANALYSIS

### 5 2\*18 watt CFL recessed / surface mounting mirror optic

| 3005                            | sources              | Level | Qty | Unit | Rate/unit | cost     | Total Cost |
|---------------------------------|----------------------|-------|-----|------|-----------|----------|------------|
| labour                          | skilled              |       | 0.5 | nos  | 1185.00   | 592.50   | 1082.50    |
|                                 | Semi skilled         |       | 0.5 | nos  | 980.00    | 490.00   |            |
|                                 | un skilled           |       | 0   | nos  | 870.00    | 0.00     |            |
| materials                       | a. CFL Set           |       | 10  | nos  | 2678.00   | 26780.00 | 29990.00   |
|                                 | b.CFL rod            |       | 10  | nos  | 312.00    | 3120.00  |            |
|                                 | c. screw, grips etc. |       | 10  | LS   | 9.00      | 90.00    |            |
|                                 |                      |       |     |      |           |          |            |
| Actual rate                     |                      |       |     |      |           |          | 31072.50   |
| 15% contractor overhead         |                      |       |     |      |           |          | 4660.88    |
| Total (Rs.)                     |                      |       |     |      |           |          | 35733.38   |
| Actual rate                     |                      |       |     |      |           |          | 35733.38   |
| <b>Rate per set Rs. 3573.33</b> |                      |       |     |      |           |          |            |

### 6 1\*11 watt CFL mirror optic

| 3006                            | sources              | Level | Qty | Unit | Rate/unit | cost     | Total Cost |
|---------------------------------|----------------------|-------|-----|------|-----------|----------|------------|
| labour                          | skilled              |       | 0.5 | nos  | 1185.00   | 592.50   | 1082.50    |
|                                 | Semi skilled         |       | 0.5 | nos  | 980.00    | 490.00   |            |
|                                 | un skilled           |       | 0   | nos  | 870.00    | 0.00     |            |
| materials                       | a. CFL Set           |       | 10  | nos  | 1914.00   | 19140.00 | 21650.00   |
|                                 | b.CFL rod            |       | 10  | nos  | 242.00    | 2420.00  |            |
|                                 | c. screw, grips etc. |       | 10  | LS   | 9.00      | 90.00    |            |
|                                 |                      |       |     |      |           |          |            |
| Actual rate                     |                      |       |     |      |           |          | 22732.50   |
| 15% contractor overhead         |                      |       |     |      |           |          | 3409.88    |
| Total (Rs.)                     |                      |       |     |      |           |          | 26142.38   |
| Actual rate                     |                      |       |     |      |           |          | 26142.38   |
| <b>Rate per set Rs. 2614.23</b> |                      |       |     |      |           |          |            |

### 7 1x40 Watt F.T.L Box Fitting Wipro/GE or equivalent

| 3007                            | sources                  | Level | Qty | Unit | Rate/unit | cost     | Total Cost |
|---------------------------------|--------------------------|-------|-----|------|-----------|----------|------------|
| labour                          | skilled                  |       | 0.5 | nos  | 1185.00   | 592.50   | 1082.50    |
|                                 | Semi skilled             |       | 0.5 | nos  | 980.00    | 490.00   |            |
|                                 | un skilled               |       | 0   | nos  | 870.00    | 0.00     |            |
| materials                       | a. FTL Set               |       | 10  | nos  | 1210.00   | 12100.00 | 13950.00   |
|                                 | b. Tube rod with starter |       | 10  | nos  | 96.00     | 960.00   |            |
|                                 | c.Chain                  |       | 10  | Rm   | 50.00     | 500.00   |            |
|                                 | d Iron Hooks             |       | 20  | nos  | 15.00     | 300.00   |            |
|                                 | e. screw, grips etc.     |       | 10  | LS   | 9.00      | 90.00    |            |
|                                 |                          |       |     |      |           |          |            |
| Actual rate                     |                          |       |     |      |           |          | 15032.50   |
| 15% contractor overhead         |                          |       |     |      |           |          | 2254.88    |
| Total (Rs.)                     |                          |       |     |      |           |          | 17287.38   |
| <b>Rate per set Rs. 1728.73</b> |                          |       |     |      |           |          |            |

### 8 2x40 Watt F.T.L Box Fitting Wipro/GE or equivalent

| 3008                            | sources                  | Level | Qty | Unit | Rate/unit | cost     | Total Cost |
|---------------------------------|--------------------------|-------|-----|------|-----------|----------|------------|
| labour                          | skilled                  |       | 0.5 | nos  | 1185.00   | 592.50   | 1082.50    |
|                                 | Semi skilled             |       | 0.5 | nos  | 980.00    | 490.00   |            |
|                                 | un skilled               |       | 0   | nos  | 870.00    | 0.00     |            |
| materials                       | a. FTL Set               |       | 10  | nos  | 1828.00   | 18280.00 | 21090.00   |
|                                 | b. Tube rod with starter |       | 20  | nos  | 96.00     | 1920.00  |            |
|                                 | c.Chain                  |       | 10  | Rm   | 50.00     | 500.00   |            |
|                                 | d Iron Hooks             |       | 20  | nos  | 15.00     | 300.00   |            |
|                                 | e. screw, grips etc.     |       | 10  | LS   | 9.00      | 90.00    |            |
|                                 |                          |       |     |      |           |          |            |
| Actual rate                     |                          |       |     |      |           |          | 22172.50   |
| 15% contractor overhead         |                          |       |     |      |           |          | 3325.88    |
| Total (Rs.)                     |                          |       |     |      |           |          | 25498.38   |
| <b>Rate per set Rs. 2549.83</b> |                          |       |     |      |           |          |            |

## ELECTRICAL RATE ANALYSIS

### 9      1x40 Watt FTL IndustrialChannel Stove Enamelled Reflector Wipro/GE or equivalent

| 3009                    | sources                  | Level          | Qty | Unit | Rate/unit | cost     | Total Cost |
|-------------------------|--------------------------|----------------|-----|------|-----------|----------|------------|
| labour                  | skilled                  |                | 1   | nos  | 1185.00   | 1185.00  | 2165.00    |
|                         | Semi skilled             |                | 1   | nos  | 980.00    | 980.00   |            |
|                         | un skilled               |                | 0   | nos  | 870.00    | 0.00     |            |
| materials               | a. FTL Set               |                | 10  | nos  | 1861.00   | 18610.00 | 20460.00   |
|                         | b. Tube rod with starter |                | 10  | nos  | 96.00     | 960.00   |            |
|                         | c. Chain                 |                | 10  | Rm   | 50.00     | 500.00   |            |
|                         | d Iron Hooks             |                | 20  | nos  | 15.00     | 300.00   |            |
|                         | e. screw, grips etc.     |                | 10  | LS   | 9.00      | 90.00    |            |
|                         |                          |                |     |      |           |          |            |
| Actual rate             |                          |                |     |      |           |          | 22625.00   |
| 15% contractor overhead |                          |                |     |      |           |          | 3393.75    |
| Total (Rs.)             |                          |                |     |      |           |          | 26018.75   |
| <b>Rate per set Rs.</b> |                          | <b>2601.87</b> |     |      |           |          |            |

### 10      2x40 Watt FTL IndustrialChannel Stove Enamelled Reflector Wipro/GE or equivalent

| 3010                    | sources                  | Level          | Qty | Unit | Rate/unit | cost     | Total Cost |
|-------------------------|--------------------------|----------------|-----|------|-----------|----------|------------|
| labour                  | skilled                  |                | 1   | nos  | 1185.00   | 1185.00  | 2165.00    |
|                         | Semi skilled             |                | 1   | nos  | 980.00    | 980.00   |            |
|                         | un skilled               |                | 0   | nos  | 870.00    | 0.00     |            |
| materials               | a. FTL Set               |                | 10  | nos  | 2388.00   | 23880.00 | 26690.00   |
|                         | b. Tube rod with starter |                | 20  | nos  | 96.00     | 1920.00  |            |
|                         | c. Chain                 |                | 10  | nos  | 50.00     | 500.00   |            |
|                         | d. screw, grips , etc.   |                | 10  | LS   | 9.00      | 90.00    |            |
|                         | e. Iron hook             |                | 20  | nos  | 15.00     | 300.00   |            |
|                         |                          |                |     |      |           |          |            |
| Actual rate             |                          |                |     |      |           |          | 28855.00   |
| 15% contractor overhead |                          |                |     |      |           |          | 4328.25    |
| Total (Rs.)             |                          |                |     |      |           |          | 33183.25   |
| <b>Rate per set Rs.</b> |                          | <b>3318.32</b> |     |      |           |          |            |

### 11      1x40 Watt F.T.L Opalite with Acrylic Difuser Wipro/GE or equivalent

| 3011                    | sources                  | Level          | Qty | Unit | Rate/unit | cost     | Total Cost |
|-------------------------|--------------------------|----------------|-----|------|-----------|----------|------------|
| labour                  | skilled                  |                | 1   | nos  | 1185.00   | 1185.00  | 2165.00    |
|                         | Semi skilled             |                | 1   | nos  | 980.00    | 980.00   |            |
|                         | un skilled               |                | 0   | nos  | 870.00    | 0.00     |            |
| materials               | a. FTL Set               |                | 10  | nos  | 1936.00   | 19360.00 | 21210.00   |
|                         | b. Tube rod with starter |                | 10  | nos  | 96.00     | 960.00   |            |
|                         | c. Chain                 |                | 10  | nos  | 50.00     | 500.00   |            |
|                         | d. screw, grips , etc.   |                | 10  | LS   | 9.00      | 90.00    |            |
|                         | e. Iron hook             |                | 20  | nos  | 15.00     | 300.00   |            |
|                         |                          |                |     |      |           |          |            |
| Actual rate             |                          |                |     |      |           |          | 23375.00   |
| 15% contractor overhead |                          |                |     |      |           |          | 3506.25    |
| Total (Rs.)             |                          |                |     |      |           |          | 26881.25   |
| <b>Rate per set Rs.</b> |                          | <b>2688.12</b> |     |      |           |          |            |

**ELECTRICAL RATE ANALYSIS**

**12 2x40 Watt F.T.L Opalite with Acrylic Difuser Wipro/GE or equivalent**

|                         | sources        | Level                    | Qty | Unit | Rate/unit | cost     | Total Cost      |
|-------------------------|----------------|--------------------------|-----|------|-----------|----------|-----------------|
| 3012                    | labour         | skilled                  | 1   | nos  | 1185.00   | 1185.00  | 2165.00         |
|                         |                | Semi skilled             | 1   | nos  | 980.00    | 980.00   |                 |
|                         |                | un skilled               | 0   | nos  | 870.00    | 0.00     |                 |
| 3012                    | materials      | a. FTL Set               | 10  | nos  | 3227.00   | 32270.00 | 35080.00        |
|                         |                | b. Tube rod with starter | 20  | nos  | 96.00     | 1920.00  |                 |
|                         |                | c. Chain                 | 10  | nos  | 50.00     | 500.00   |                 |
|                         |                | d. screw, grips , etc.   | 10  | LS   | 9.00      | 90.00    |                 |
|                         |                | e. Iron hook             | 20  | nos  | 15.00     | 300.00   |                 |
|                         |                |                          |     |      |           |          |                 |
|                         |                |                          |     |      |           | 37245.00 |                 |
|                         |                |                          |     |      |           | 5586.75  |                 |
| <b>Rate per set Rs.</b> | <b>4283.17</b> |                          |     |      |           |          | <b>42831.75</b> |

Actual rate

15% contractor overhead

Total (Rs.)

**13 4x18/20 Watt F.T.L Dished Opal Acrylic Cover/mirror optic Wipro/GE or equivalent**

|                         | sources        | Level                    | Qty | Unit | Rate/unit | cost     | Total Cost      |
|-------------------------|----------------|--------------------------|-----|------|-----------|----------|-----------------|
| 3013                    | labour         | skilled                  | 1   | nos  | 1185.00   | 1185.00  | 2165.00         |
|                         |                | Semi skilled             | 1   | nos  | 980.00    | 980.00   |                 |
|                         |                | un skilled               | 0   | nos  | 870.00    | 0.00     |                 |
| 3013                    | materials      | a. FTL Set               | 10  | nos  | 5650.00   | 56500.00 | 60520.00        |
|                         |                | b. Tube rod with starter | 40  | nos  | 96.00     | 3840.00  |                 |
|                         |                | c. screw, grips etc.     | 20  | LS   | 9.00      | 180.00   |                 |
|                         |                |                          |     |      |           |          |                 |
|                         |                |                          |     |      |           |          | 62685.00        |
|                         |                |                          |     |      |           |          | 9402.75         |
| <b>Rate per set Rs.</b> | <b>7208.77</b> |                          |     |      |           |          | <b>72087.75</b> |

Actual rate

15% contractor overhead

Total (Rs.)

**14 1x40 Watt F.T.L Mirror Optic HPF Wipro/GE or equivalent**

|                         | sources        | Level                    | Qty | Unit | Rate/unit | cost     | Total Cost      |
|-------------------------|----------------|--------------------------|-----|------|-----------|----------|-----------------|
| 3014                    | labour         | skilled                  | 1   | nos  | 1185.00   | 1185.00  | 2165.00         |
|                         |                | Semi skilled             | 1   | nos  | 980.00    | 980.00   |                 |
|                         |                | un skilled               | 0   | nos  | 870.00    | 0.00     |                 |
| 3014                    | materials      | a. FTL Set               | 10  | nos  | 3712.00   | 37120.00 | 38820.00        |
|                         |                | b. Tube rod with starter | 10  | nos  | 96.00     | 960.00   |                 |
|                         |                | c. Chain                 | 10  | nos  | 50.00     | 500.00   |                 |
|                         |                | d. screw, grips , etc.   | 10  | LS   | 9.00      | 90.00    |                 |
|                         |                | e. Iron hook             | 10  | nos  | 15.00     | 150.00   |                 |
|                         |                |                          |     |      |           |          |                 |
|                         |                |                          |     |      |           | 40985.00 |                 |
|                         |                |                          |     |      |           | 6147.75  |                 |
| <b>Rate per set Rs.</b> | <b>4713.27</b> |                          |     |      |           |          | <b>47132.75</b> |

Actual rate

15% contractor overhead

Total (Rs.)

**ELECTRICAL RATE ANALYSIS**

**15 2x40 Watt F.T.L Mirror Optic Wipro/GE or equivalent**

|                         | sources   | Level                    | Qty | Unit | Rate/unit | cost     | Total Cost |
|-------------------------|-----------|--------------------------|-----|------|-----------|----------|------------|
| 3015                    | labour    | skilled                  | 1   | nos  | 1185.00   | 1185.00  | 2165.00    |
|                         |           | Semi skilled             | 1   | nos  | 980.00    | 980.00   |            |
|                         |           | un skilled               | 0   | nos  | 870.00    | 0.00     |            |
|                         | materials | a. FTL Set               | 10  | nos  | 4518.00   | 45180.00 | 47990.00   |
|                         |           | b. Tube rod with starter | 20  | nos  | 96.00     | 1920.00  |            |
|                         |           | c. Chain                 | 10  | nos  | 50.00     | 500.00   |            |
|                         |           | d. screw, grips , etc.   | 10  | LS   | 9.00      | 90.00    |            |
|                         |           | e. Iron hook             | 20  | nos  | 15.00     | 300.00   |            |
|                         |           |                          |     |      |           |          |            |
| Actual rate             |           |                          |     |      |           |          | 50155.00   |
| 15% contractor overhead |           |                          |     |      |           |          | 7523.25    |
| Total (Rs.)             |           |                          |     |      |           |          | 57678.25   |

**Rate per set Rs. 5767.82**

**16 300/500 Watt Halogen Wipro/GE or equivalent**

|                         | sources   | Level                | Qty | Unit | Rate/unit | cost     | Total Cost |
|-------------------------|-----------|----------------------|-----|------|-----------|----------|------------|
| 3016                    | labour    | skilled              | 1   | nos  | 1185.00   | 1185.00  | 2165.00    |
|                         |           | Semi skilled         | 1   | nos  | 980.00    | 980.00   |            |
|                         |           | un skilled           | 0   | nos  | 870.00    | 0.00     |            |
|                         | materials | a. H light           | 10  | nos  | 1613.00   | 16130.00 | 16220.00   |
|                         |           | c. screw, grips etc. | 10  | LS   | 9.00      | 90.00    |            |
|                         |           |                      |     |      |           |          |            |
| Actual rate             |           |                      |     |      |           |          | 18385.00   |
| 15% contractor overhead |           |                      |     |      |           |          | 2757.75    |
| Total (Rs.)             |           |                      |     |      |           |          | 21142.75   |

**Rate per set Rs. 2114.27**

**17 1000 Watt Halogen Wipro/GE or equivalent**

|                         | sources   | Level                | Qty | Unit | Rate/unit | cost     | Total Cost |
|-------------------------|-----------|----------------------|-----|------|-----------|----------|------------|
| 3017<br>3018            | labour    | skilled              | 1   | nos  | 1185.00   | 1185.00  | 2165.00    |
|                         |           | Semi skilled         | 1   | nos  | 980.00    | 980.00   |            |
|                         |           | un skilled           | 0   | nos  | 870.00    | 0.00     |            |
|                         | materials | a. H light           | 10  | nos  | 3227.00   | 32270.00 | 32360.00   |
|                         |           | c. screw, grips etc. | 10  | LS   | 9.00      | 90.00    |            |
|                         |           |                      |     |      |           |          |            |
| Actual rate             |           |                      |     |      |           |          | 34525.00   |
| 15% contractor overhead |           |                      |     |      |           |          | 5178.75    |
| Total (Rs.)             |           |                      |     |      |           |          | 39703.75   |

**Rate per set Rs. 3970.37**

**ELECTRICAL RATE ANALYSIS**

**18 150 Watt HPSV HPF Wipro/GE or equivalent**

|                         | sources         | Level                     | Qty | Unit | Rate/unit | cost     | Total Cost       |
|-------------------------|-----------------|---------------------------|-----|------|-----------|----------|------------------|
| 3018                    | labour          | skilled                   | 1   | nos  | 1185.00   | 1185.00  | 2165.00          |
|                         |                 | Semi skilled              | 1   | nos  | 980.00    | 980.00   |                  |
|                         |                 | un skilled                | 0   | nos  | 870.00    | 0.00     |                  |
|                         | materials       | a. light                  | 10  | nos  | 9682.00   | 96820.00 | 101220.00        |
|                         |                 | b. 4' 6" Black plpe       | 10  | LS   | 240.00    | 2400.00  |                  |
|                         |                 | c. Clamps ,nut bolts etc. | 10  | LS   | 200.00    | 2000.00  |                  |
|                         |                 |                           |     |      |           |          |                  |
| Actual rate             |                 |                           |     |      |           |          | 103385.00        |
| 15% contractor overhead |                 |                           |     |      |           |          | 15507.75         |
| <b>Rate per set Rs.</b> | <b>11889.27</b> | <b>Total (Rs.)</b>        |     |      |           |          | <b>118892.75</b> |

**19 250 Watt HPSV HPF Wipro/GE or equivalent**

|                         | sources         | Level                     | Qty | Unit | Rate/unit | cost      | Total Cost       |
|-------------------------|-----------------|---------------------------|-----|------|-----------|-----------|------------------|
| 3019                    | labour          | skilled                   | 1   | nos  | 1185.00   | 1185.00   | 2165.00          |
|                         |                 | Semi skilled              | 1   | nos  | 980.00    | 980.00    |                  |
|                         |                 | un skilled                | 0   | nos  | 870.00    | 0.00      |                  |
|                         | materials       | a. light                  | 10  | nos  | 11290.00  | 112900.00 | 117300.00        |
|                         |                 | b. 4' 6" Black plpe       | 10  | LS   | 240.00    | 2400.00   |                  |
|                         |                 | c. Clamps ,nut bolts etc. | 10  | LS   | 200.00    | 2000.00   |                  |
|                         |                 |                           |     |      |           |           |                  |
| Actual rate             |                 |                           |     |      |           |           | 119465.00        |
| 15% contractor overhead |                 |                           |     |      |           |           | 17919.75         |
| <b>Rate per set Rs.</b> | <b>13738.47</b> | <b>Total (Rs.)</b>        |     |      |           |           | <b>137384.75</b> |

**Lighting Accessories Philips or equivalent**

**20 20/40 Watt FTL Rod Philips or equivalent**

|                         | sources      | Level              | Qty | Unit | Rate/unit | cost   | Total Cost    |
|-------------------------|--------------|--------------------|-----|------|-----------|--------|---------------|
| 3020                    | labour       | skilled            | 0   | nos  | 1185.00   | 0.00   | 0.00          |
|                         |              | Semi skilled       | 0   | nos  | 980.00    | 0.00   |               |
|                         |              | un skilled         | 0   | nos  | 870.00    | 0.00   |               |
|                         | materials    | a. Rod             | 10  | nos  | 83.00     | 830.00 | 830.00        |
|                         |              |                    |     |      |           |        |               |
|                         | Actual rate  |                    |     |      |           |        |               |
| 15% contractor overhead |              |                    |     |      |           |        | 124.50        |
| <b>Rate per no Rs.</b>  | <b>95.45</b> | <b>Total (Rs.)</b> |     |      |           |        | <b>954.50</b> |

**21 8 to 11 watt CFL lamp**

|                         | sources       | Level              | Qty | Unit | Rate/unit | cost    | Total Cost     |
|-------------------------|---------------|--------------------|-----|------|-----------|---------|----------------|
| 3021                    | labour        | skilled            | 0   | nos  | 1185.00   | 0.00    | 0.00           |
|                         |               | Semi skilled       | 0   | nos  | 980.00    | 0.00    |                |
|                         |               | un skilled         | 0   | nos  | 870.00    | 0.00    |                |
|                         | materials     | a.CFL bulb         | 10  | nos  | 242.00    | 2420.00 | 2420.00        |
|                         |               |                    |     |      |           |         |                |
|                         | Actual rate   |                    |     |      |           |         |                |
| 15% contractor overhead |               |                    |     |      |           |         | 363.00         |
| <b>Rate per no Rs.</b>  | <b>278.30</b> | <b>Total (Rs.)</b> |     |      |           |         | <b>2783.00</b> |

**ELECTRICAL RATE ANALYSIS**

**22 13 to22 watt CFL lamp**

|                        | sources       | Level        | Qty | Unit | Rate/unit               | cost    | Total Cost     |
|------------------------|---------------|--------------|-----|------|-------------------------|---------|----------------|
| 3022                   | labour        | skilled      | 0   | nos  | 1185.00                 | 0.00    | 0.00           |
|                        |               | Semi skilled | 0   | nos  | 980.00                  | 0.00    |                |
|                        |               | un skilled   | 0   | nos  | 870.00                  | 0.00    |                |
|                        | materials     | a. CFL bulb  | 10  | nos  | 312.00                  | 3120.00 | 3120.00        |
|                        |               |              |     |      |                         |         |                |
|                        |               |              |     |      | Actual rate             |         | 3120.00        |
|                        |               |              |     |      | 15% contractor overhead |         | 468.00         |
| <b>Rate per no Rs.</b> | <b>358.80</b> |              |     |      | <b>Total (Rs.)</b>      |         | <b>3588.00</b> |

**23 20/40 Watt 220 Volt FTL Ballast Philips or equivalent**

|                        | sources       | Level        | Qty | Unit | Rate/unit               | cost    | Total Cost     |
|------------------------|---------------|--------------|-----|------|-------------------------|---------|----------------|
| 3023                   | labour        | skilled      | 0   | nos  | 1185.00                 | 0.00    | 0.00           |
|                        |               | Semi skilled | 0   | nos  | 980.00                  | 0.00    |                |
|                        |               | un skilled   | 0   | nos  | 870.00                  | 0.00    |                |
|                        | materials     | Chowk        | 10  | nos  | 269.00                  | 2690.00 | 2690.00        |
|                        |               |              |     |      |                         |         |                |
|                        |               |              |     |      | Actual rate             |         | 2690.00        |
|                        |               |              |     |      | 15% contractor overhead |         | 403.50         |
| <b>Rate per no Rs.</b> | <b>309.35</b> |              |     |      | <b>Total (Rs.)</b>      |         | <b>3093.50</b> |

**24 150 Watt SV Bulb Philips or equivalent**

|                        | sources        | Level        | Qty | Unit | Rate/unit               | cost     | Total Cost      |
|------------------------|----------------|--------------|-----|------|-------------------------|----------|-----------------|
| 3024                   | labour         | skilled      | 0   | nos  | 1185.00                 | 0.00     | 0.00            |
|                        |                | Semi skilled | 0   | nos  | 980.00                  | 0.00     |                 |
|                        |                | un skilled   | 0   | nos  | 870.00                  | 0.00     |                 |
|                        | materials      | a. SV Bulb   | 10  | nos  | 1355.00                 | 13550.00 | 13550.00        |
|                        |                |              |     |      |                         |          |                 |
|                        |                |              |     |      | Actual rate             |          | 13550.00        |
|                        |                |              |     |      | 15% contractor overhead |          | 2032.50         |
| <b>Rate per no Rs.</b> | <b>1558.25</b> |              |     |      | <b>Total (Rs.)</b>      |          | <b>15582.50</b> |

**25 250 Watt SV Bulb Philips or equivalent**

|                        | sources        | Level        | Qty | Unit | Rate/unit               | cost     | Total Cost      |
|------------------------|----------------|--------------|-----|------|-------------------------|----------|-----------------|
| 3025                   | labour         | skilled      | 0   | nos  | 1185.00                 | 0.00     | 0.00            |
|                        |                | Semi skilled | 0   | nos  | 980.00                  | 0.00     |                 |
|                        |                | un skilled   | 0   | nos  | 870.00                  | 0.00     |                 |
|                        | materials      | a. SV Bulb   | 10  | nos  | 1775.00                 | 17750.00 | 17750.00        |
|                        |                |              |     |      |                         |          |                 |
|                        |                |              |     |      | Actual rate             |          | 17750.00        |
|                        |                |              |     |      | 15% contractor overhead |          | 2662.50         |
| <b>Rate per no Rs.</b> | <b>2041.25</b> |              |     |      | <b>Total (Rs.)</b>      |          | <b>20412.50</b> |

### ELECTRICAL RATE ANALYSIS

#### 26 2" PVC Listy

| sources                 | Level        | Qty | Unit | Rate/unit | cost    | Total Cost |
|-------------------------|--------------|-----|------|-----------|---------|------------|
| 3026 labour             | skilled      | 0   | nos  | 1185.00   | 0.00    | 0.00       |
|                         | Semi skilled | 0   | nos  | 980.00    | 0.00    |            |
|                         | un skilled   | 0   | nos  | 870.00    | 0.00    |            |
| materials               | a. Listy     | 10  | Pcs  | 150.00    | 1500.00 | 1500.00    |
|                         |              |     |      |           |         |            |
| Actual rate             |              |     |      |           |         | 1500.00    |
| 15% contractor overhead |              |     |      |           |         | 225.00     |
| Total (Rs.)             |              |     |      |           |         | 1725.00    |

**Rate per pec Rs. 172.50**

#### 27 1.5" PVC Listy

| sources                 | Level        | Qty | Unit | Rate/unit | cost    | Total Cost |
|-------------------------|--------------|-----|------|-----------|---------|------------|
| 3027 labour             | skilled      | 0   | nos  | 1185.00   | 0.00    | 0.00       |
|                         | Semi skilled | 0   | nos  | 980.00    | 0.00    |            |
|                         | un skilled   | 0   | nos  | 870.00    | 0.00    |            |
| materials               | a. Listy     | 10  | Pcs  | 134.00    | 1340.00 | 1340.00    |
|                         |              |     |      |           |         |            |
| Actual rate             |              |     |      |           |         | 1340.00    |
| 15% contractor overhead |              |     |      |           |         | 201.00     |
| Total (Rs.)             |              |     |      |           |         | 1541.00    |

**Rate per set Rs. 154.10**

#### 28 0.75" PVC Listy

| sources                 | Level        | Qty | Unit | Rate/unit | cost   | Total Cost |
|-------------------------|--------------|-----|------|-----------|--------|------------|
| 3028 labour             | skilled      | 0   | nos  | 1185.00   | 0.00   | 0.00       |
|                         | Semi skilled | 0   | nos  | 980.00    | 0.00   |            |
|                         | un skilled   | 0   | nos  | 870.00    | 0.00   |            |
| materials               | a. Listy     | 10  | Pcs  | 48.00     | 480.00 | 480.00     |
|                         |              |     |      |           |        |            |
| Actual rate             |              |     |      |           |        | 480.00     |
| 15% contractor overhead |              |     |      |           |        | 72.00      |
| Total (Rs.)             |              |     |      |           |        | 552.00     |

**Rate per set Rs. 55.20**

#### 29 0.5" PVC Listy

| sources                 | Level        | Qty | Unit | Rate/unit | cost   | Total Cost |
|-------------------------|--------------|-----|------|-----------|--------|------------|
| 3029 labour             | skilled      | 0   | nos  | 1185.00   | 0.00   | 0.00       |
|                         | Semi skilled | 0   | nos  | 980.00    | 0.00   |            |
|                         | un skilled   | 0   | nos  | 870.00    | 0.00   |            |
| materials               | a. Listy     | 10  | Pcs  | 32.00     | 320.00 | 320.00     |
|                         |              |     |      |           |        |            |
| Actual rate             |              |     |      |           |        | 320.00     |
| 15% contractor overhead |              |     |      |           |        | 48.00      |
| Total (Rs.)             |              |     |      |           |        | 368.00     |

**Rate per set Rs. 36.80**



## ELECTRICAL RATE ANALYSIS

### Dyna / CPL Switch & Socket

#### **30 1 Gang one way Switch F**

|                                | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost |
|--------------------------------|-----------|---------------------------|-----|------|-----------|---------|------------|
| 3030                           | labour    | skilled                   | 1   | nos  | 1185.00   | 1185.00 | 3145.00    |
|                                |           | Semi skilled              | 2   | nos  | 980.00    | 1960.00 |            |
|                                |           | un skilled                | 0   | nos  | 870.00    | 0.00    |            |
| 3030                           | materials | a. Switch                 | 10  | nos  | 58.00     | 580.00  | 1230.00    |
|                                |           | b.M.Box                   | 10  | nos  | 54.00     | 540.00  |            |
|                                |           | c. CM, Screws, Grips etc. | 10  | LS   | 11.00     | 110.00  |            |
|                                |           |                           |     |      |           |         |            |
|                                |           |                           |     |      |           |         | 4375.00    |
| Actual rate                    |           |                           |     |      |           |         | 4375.00    |
| 15% contractor overhead        |           |                           |     |      |           |         | 656.25     |
| Total (Rs.)                    |           |                           |     |      |           |         | 5031.25    |
| <b>Rate per set Rs. 503.12</b> |           |                           |     |      |           |         |            |

#### **31 1 Gang one way Switch S**

|                                | sources   | Level                     | Qty | Unit | Rate/unit | cost   | Total Cost |
|--------------------------------|-----------|---------------------------|-----|------|-----------|--------|------------|
| 3031                           | labour    | skilled                   | 0.5 | nos  | 1185.00   | 592.50 | 1572.50    |
|                                |           | Semi skilled              | 1   | nos  | 980.00    | 980.00 |            |
|                                |           | un skilled                | 0   | nos  | 870.00    | 0.00   |            |
| 3031                           | materials | a. Switch                 | 10  | nos  | 58.00     | 580.00 | 1020.00    |
|                                |           | b PVC .Box                | 10  | nos  | 35.00     | 350.00 |            |
|                                |           | c. CM, Screws, Grips etc. | 10  | LS   | 9.00      | 90.00  |            |
|                                |           |                           |     |      |           |        |            |
|                                |           |                           |     |      |           |        | 2592.50    |
| Actual rate                    |           |                           |     |      |           |        | 2592.50    |
| 15% contractor overhead        |           |                           |     |      |           |        | 388.88     |
| Total (Rs.)                    |           |                           |     |      |           |        | 2981.38    |
| <b>Rate per set Rs. 298.13</b> |           |                           |     |      |           |        |            |

#### **32 1 Gang 2 way Switch F**

|                                | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost |
|--------------------------------|-----------|---------------------------|-----|------|-----------|---------|------------|
| 3032                           | labour    | skilled                   | 1   | nos  | 1185.00   | 1185.00 | 3145.00    |
|                                |           | Semi skilled              | 2   | nos  | 980.00    | 1960.00 |            |
|                                |           | un skilled                | 0   | nos  | 870.00    | 0.00    |            |
| 3032                           | materials | a. Switch                 | 10  | nos  | 69.00     | 690.00  | 1340.00    |
|                                |           | b.M.Box                   | 10  | nos  | 54.00     | 540.00  |            |
|                                |           | c. CM, Screws, Grips etc. | 10  | LS   | 11.00     | 110.00  |            |
|                                |           |                           |     |      |           |         |            |
|                                |           |                           |     |      |           |         | 4485.00    |
| Actual rate                    |           |                           |     |      |           |         | 4485.00    |
| 15% contractor overhead        |           |                           |     |      |           |         | 672.75     |
| Total (Rs.)                    |           |                           |     |      |           |         | 5157.75    |
| <b>Rate per set Rs. 515.77</b> |           |                           |     |      |           |         |            |

#### **33 1 Gang 2 way Switch S**

|                                | sources   | Level                     | Qty | Unit | Rate/unit | cost   | Total Cost |
|--------------------------------|-----------|---------------------------|-----|------|-----------|--------|------------|
| 3033                           | labour    | skilled                   | 0.5 | nos  | 1185.00   | 592.50 | 1572.50    |
|                                |           | Semi skilled              | 1   | nos  | 980.00    | 980.00 |            |
|                                |           | un skilled                | 0   | nos  | 870.00    | 0.00   |            |
| 3033                           | materials | a. Switch                 | 10  | nos  | 69.00     | 690.00 | 1130.00    |
|                                |           | b PVC .Box                | 10  | nos  | 35.00     | 350.00 |            |
|                                |           | c. CM, Screws, Grips etc. | 10  | LS   | 9.00      | 90.00  |            |
|                                |           |                           |     |      |           |        |            |
|                                |           |                           |     |      |           |        | 2702.50    |
| Actual rate                    |           |                           |     |      |           |        | 2702.50    |
| 15% contractor overhead        |           |                           |     |      |           |        | 405.38     |
| Total (Rs.)                    |           |                           |     |      |           |        | 3107.88    |
| <b>Rate per set Rs. 310.78</b> |           |                           |     |      |           |        |            |

## ELECTRICAL RATE ANALYSIS

### 34 2 Gang one way Switch F

| sources                 | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost |
|-------------------------|---------------------------|-----|------|-----------|---------|------------|
| 3034 labour             | skilled                   | 1   | nos  | 1185.00   | 1185.00 | 3145.00    |
|                         | Semi skilled              | 2   | nos  | 980.00    | 1960.00 |            |
|                         | un skilled                | 0   | nos  | 870.00    | 0.00    |            |
| materials               | a. Switch                 | 10  | nos  | 96.00     | 960.00  | 1610.00    |
|                         | b.M. Box                  | 10  | nos  | 54.00     | 540.00  |            |
|                         | c. CM, Screws, Grips etc. | 10  | LS   | 11.00     | 110.00  |            |
|                         |                           |     |      |           |         |            |
| Actual rate             |                           |     |      |           |         | 4755.00    |
| 15% contractor overhead |                           |     |      |           |         | 713.25     |
| Total (Rs.)             |                           |     |      |           |         | 5468.25    |

**Rate per set Rs. 546.82**

### 35 2Gang one way Switch S

| sources                 | Level                     | Qty | Unit | Rate/unit | cost   | Total Cost |
|-------------------------|---------------------------|-----|------|-----------|--------|------------|
| 3035 labour             | skilled                   | 0.5 | nos  | 1185.00   | 592.50 | 1572.50    |
|                         | Semi skilled              | 1   | nos  | 980.00    | 980.00 |            |
|                         | un skilled                | 0   | nos  | 870.00    | 0.00   |            |
| materials               | a. Switch                 | 10  | nos  | 96.00     | 960.00 | 1400.00    |
|                         | b.PVC Box                 | 10  | nos  | 35.00     | 350.00 |            |
|                         | c. CM, Screws, Grips etc. | 10  | LS   | 9.00      | 90.00  |            |
|                         |                           |     |      |           |        |            |
| Actual rate             |                           |     |      |           |        | 2972.50    |
| 15% contractor overhead |                           |     |      |           |        | 445.88     |
| Total (Rs.)             |                           |     |      |           |        | 3418.38    |

**Rate per set Rs. 341.83**

### 36 3 Gang one way Switch F

| sources                 | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost |
|-------------------------|---------------------------|-----|------|-----------|---------|------------|
| 3036 labour             | skilled                   | 1   | nos  | 1185.00   | 1185.00 | 3145.00    |
|                         | Semi skilled              | 2   | nos  | 980.00    | 1960.00 |            |
|                         | un skilled                | 0   | nos  | 870.00    | 0.00    |            |
| materials               | a. Switch                 | 10  | nos  | 127.00    | 1270.00 | 1960.00    |
|                         | b.M Box                   | 10  | nos  | 58.00     | 580.00  |            |
|                         | c. CM, Screws, Grips etc. | 10  | LS   | 11.00     | 110.00  |            |
|                         |                           |     |      |           |         |            |
| Actual rate             |                           |     |      |           |         | 5105.00    |
| 15% contractor overhead |                           |     |      |           |         | 765.75     |
| Total (Rs.)             |                           |     |      |           |         | 5870.75    |

**Rate per set Rs. 587.07**

### 37 3 Gang one way Switch S

| sources                 | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost |
|-------------------------|---------------------------|-----|------|-----------|---------|------------|
| 3037 labour             | skilled                   | 0.5 | nos  | 1185.00   | 592.50  | 1572.50    |
|                         | Semi skilled              | 1   | nos  | 980.00    | 980.00  |            |
|                         | un skilled                | 0   | nos  | 870.00    | 0.00    |            |
| materials               | a. Switch                 | 10  | nos  | 127.00    | 1270.00 | 1710.00    |
|                         | b.PVC Box                 | 10  | nos  | 35.00     | 350.00  |            |
|                         | c. CM, Screws, Grips etc. | 10  | LS   | 9.00      | 90.00   |            |
|                         |                           |     |      |           |         |            |
| Actual rate             |                           |     |      |           |         | 3282.50    |
| 15% contractor overhead |                           |     |      |           |         | 492.38     |
| Total (Rs.)             |                           |     |      |           |         | 3774.88    |

**Rate per set Rs. 377.48**

**ELECTRICAL RATE ANALYSIS**

**38 4 Gang one way Switch F**

|                         | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |
|-------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|
| 3038                    | labour    | skilled                   | 1   | nos  | 1185.00   | 1185.00 | 3145.00                 |
|                         |           | Semi skilled              | 2   | nos  | 980.00    | 1960.00 |                         |
|                         |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |
| 3038                    | materials | a. Switch                 | 10  | nos  | 161.00    | 1610.00 | 2430.00                 |
|                         |           | b.M Box                   | 10  | nos  | 71.00     | 710.00  |                         |
|                         |           | c. CM, Screws, Grips etc. | 10  | LS   | 11.00     | 110.00  |                         |
|                         |           |                           |     |      |           |         |                         |
|                         |           |                           |     |      |           |         | 5575.00                 |
| Rate per set Rs. 641.12 |           |                           |     |      |           |         | 836.25                  |
|                         |           |                           |     |      |           |         | 6411.25                 |
|                         |           |                           |     |      |           |         | Actual rate             |
|                         |           |                           |     |      |           |         | 15% contractor overhead |
|                         |           |                           |     |      |           |         | Total (Rs.)             |

**39 4 Gang one way Switch S**

|                         | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |
|-------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|
| 3039                    | labour    | skilled                   | 0.5 | nos  | 1185.00   | 592.50  | 1572.50                 |
|                         |           | Semi skilled              | 1   | nos  | 980.00    | 980.00  |                         |
|                         |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |
| 3039                    | materials | a. Switch                 | 10  | nos  | 161.00    | 1610.00 | 2050.00                 |
|                         |           | b.PVC Box                 | 10  | nos  | 35.00     | 350.00  |                         |
|                         |           | c. CM, Screws, Grips etc. | 10  | LS   | 9.00      | 90.00   |                         |
|                         |           |                           |     |      |           |         |                         |
|                         |           |                           |     |      |           |         | 3622.50                 |
| Rate per set Rs. 416.58 |           |                           |     |      |           |         | 543.38                  |
|                         |           |                           |     |      |           |         | 4165.88                 |
|                         |           |                           |     |      |           |         | Actual rate             |
|                         |           |                           |     |      |           |         | 15% contractor overhead |
|                         |           |                           |     |      |           |         | Total (Rs.)             |

**40 6 Gang one way Switch F**

|                          | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |
|--------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|
| 3040                     | labour    | skilled                   | 2   | nos  | 1185.00   | 2370.00 | 6290.00                 |
|                          |           | Semi skilled              | 4   | nos  | 980.00    | 3920.00 |                         |
|                          |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |
| 3040                     | materials | a. Switch                 | 10  | nos  | 253.00    | 2530.00 | 4060.00                 |
|                          |           | b.M Box                   | 10  | nos  | 142.00    | 1420.00 |                         |
|                          |           | c. CM, Screws, Grips etc. | 10  | LS   | 11.00     | 110.00  |                         |
|                          |           |                           |     |      |           |         |                         |
|                          |           |                           |     |      |           |         | 10350.00                |
| Rate per set Rs. 1190.25 |           |                           |     |      |           |         | 1552.50                 |
|                          |           |                           |     |      |           |         | 11902.50                |
|                          |           |                           |     |      |           |         | Actual rate             |
|                          |           |                           |     |      |           |         | 15% contractor overhead |
|                          |           |                           |     |      |           |         | Total (Rs.)             |

**41 6 Gang one way Switch S**

|                         | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |
|-------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|
| 3041                    | labour    | skilled                   | 1   | nos  | 1185.00   | 1185.00 | 3145.00                 |
|                         |           | Semi skilled              | 2   | nos  | 980.00    | 1960.00 |                         |
|                         |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |
| 3041                    | materials | a. Switch                 | 10  | nos  | 253.00    | 2530.00 | 2940.00                 |
|                         |           | b.PVC Box                 | 10  | nos  | 32.00     | 320.00  |                         |
|                         |           | c. CM, Screws, Grips etc. | 10  | LS   | 9.00      | 90.00   |                         |
|                         |           |                           |     |      |           |         |                         |
|                         |           |                           |     |      |           |         | 6085.00                 |
| Rate per set Rs. 699.77 |           |                           |     |      |           |         | 912.75                  |
|                         |           |                           |     |      |           |         | 6997.75                 |
|                         |           |                           |     |      |           |         | Actual rate             |
|                         |           |                           |     |      |           |         | 15% contractor overhead |
|                         |           |                           |     |      |           |         | Total (Rs.)             |

## ELECTRICAL RATE ANALYSIS

### 42 8 Gang one way Switch F

|                          | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |
|--------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|
| 3042                     | labour    | skilled                   | 2   | nos  | 1185.00   | 2370.00 | 6290.00                 |
|                          |           | Semi skilled              | 4   | nos  | 980.00    | 3920.00 |                         |
|                          |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |
| 3042                     | materials | a. Switch                 | 10  | nos  | 304.00    | 3040.00 | 4570.00                 |
|                          |           | b.M Box                   | 10  | nos  | 142.00    | 1420.00 |                         |
|                          |           | c. CM, Screws, Grips etc. | 10  | LS   | 11.00     | 110.00  |                         |
|                          |           |                           |     |      |           |         |                         |
|                          |           |                           |     |      |           |         | 10860.00                |
| Rate per set Rs. 1248.90 |           |                           |     |      |           |         | 1629.00                 |
|                          |           |                           |     |      |           |         | 12489.00                |
|                          |           |                           |     |      |           |         | Actual rate             |
|                          |           |                           |     |      |           |         | 15% contractor overhead |
|                          |           |                           |     |      |           |         | Total (Rs.)             |

### 43 8 Gang one way Switch S

|                         | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |
|-------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|
| 3043                    | labour    | skilled                   | 1   | nos  | 1185.00   | 1185.00 | 3145.00                 |
|                         |           | Semi skilled              | 2   | nos  | 980.00    | 1960.00 |                         |
|                         |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |
| 3043                    | materials | a. Switch                 | 10  | nos  | 304.00    | 3040.00 | 3450.00                 |
|                         |           | b.PVC Box                 | 10  | nos  | 32.00     | 320.00  |                         |
|                         |           | c. CM, Screws, Grips etc. | 10  | LS   | 9.00      | 90.00   |                         |
|                         |           |                           |     |      |           |         |                         |
|                         |           |                           |     |      |           |         | 6595.00                 |
| Rate per set Rs. 758.42 |           |                           |     |      |           |         | 989.25                  |
|                         |           |                           |     |      |           |         | 7584.25                 |
|                         |           |                           |     |      |           |         | Actual rate             |
|                         |           |                           |     |      |           |         | 15% contractor overhead |
|                         |           |                           |     |      |           |         | Total (Rs.)             |

### 44 1 Gang one Bell Push F

|                         | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |
|-------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|
| 3044                    | labour    | skilled                   | 1   | nos  | 1185.00   | 1185.00 | 3145.00                 |
|                         |           | Semi skilled              | 2   | nos  | 980.00    | 1960.00 |                         |
|                         |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |
| 3044                    | materials | a. Switch                 | 10  | nos  | 72.00     | 720.00  | 1370.00                 |
|                         |           | b.Box                     | 10  | nos  | 54.00     | 540.00  |                         |
|                         |           | c. CM, Screws, Grips etc. | 10  | LS   | 11.00     | 110.00  |                         |
|                         |           |                           |     |      |           |         |                         |
|                         |           |                           |     |      |           |         | 4515.00                 |
| Rate per set Rs. 519.22 |           |                           |     |      |           |         | 677.25                  |
|                         |           |                           |     |      |           |         | 5192.25                 |
|                         |           |                           |     |      |           |         | Actual rate             |
|                         |           |                           |     |      |           |         | 15% contractor overhead |
|                         |           |                           |     |      |           |         | Total (Rs.)             |

### 45 1 Gang one Bell Push S

|                         | sources   | Level                     | Qty | Unit | Rate/unit | cost   | Total Cost              |
|-------------------------|-----------|---------------------------|-----|------|-----------|--------|-------------------------|
| 3045                    | labour    | skilled                   | 0.5 | nos  | 1185.00   | 592.50 | 1572.50                 |
|                         |           | Semi skilled              | 1   | nos  | 980.00    | 980.00 |                         |
|                         |           | un skilled                | 0   | nos  | 870.00    | 0.00   |                         |
| 3045                    | materials | a. Switch                 | 10  | nos  | 72.00     | 720.00 | 1160.00                 |
|                         |           | b.Box                     | 10  | nos  | 35.00     | 350.00 |                         |
|                         |           | c. CM, Screws, Grips etc. | 10  | LS   | 9.00      | 90.00  |                         |
|                         |           |                           |     |      |           |        |                         |
|                         |           |                           |     |      |           |        | 2732.50                 |
| Rate per set Rs. 314.23 |           |                           |     |      |           |        | 409.88                  |
|                         |           |                           |     |      |           |        | 3142.38                 |
|                         |           |                           |     |      |           |        | Actual rate             |
|                         |           |                           |     |      |           |        | 15% contractor overhead |
|                         |           |                           |     |      |           |        | Total (Rs.)             |

**ELECTRICAL RATE ANALYSIS**

**46 6 Amp Uni Socket Switch Combined With Shutter F**

|                         | sources       | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost |         |
|-------------------------|---------------|---------------------------|-----|------|-----------|---------|------------|---------|
| 3046                    | labour        | skilled                   | 1   | nos  | 1185.00   | 1185.00 | 3145.00    |         |
|                         |               | Semi skilled              | 2   | nos  | 980.00    | 1960.00 |            |         |
|                         |               | un skilled                | 0   | nos  | 870.00    | 0.00    |            |         |
|                         | materials     | a. Switch                 | 10  | nos  | 154.00    | 1540.00 | 2190.00    |         |
|                         |               | b.Box                     | 10  | nos  | 54.00     | 540.00  |            |         |
|                         |               | c. CM, Screws, Grips etc. | 10  | LS   | 11.00     | 110.00  |            |         |
|                         |               |                           |     |      |           |         |            |         |
|                         |               |                           |     |      |           |         | 5335.00    |         |
| <b>Rate per set Rs.</b> | <b>613.52</b> | Actual rate               |     |      |           |         |            |         |
|                         |               | 15% contractor overhead   |     |      |           |         |            | 800.25  |
|                         |               | Total (Rs.)               |     |      |           |         |            | 6135.25 |

**47 Dimmer Single 300 Watt F**

|                         | sources       | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost |         |
|-------------------------|---------------|---------------------------|-----|------|-----------|---------|------------|---------|
| 3047                    | labour        | skilled                   | 0.5 | nos  | 1185.00   | 592.50  | 1572.50    |         |
|                         |               | Semi skilled              | 1   | nos  | 980.00    | 980.00  |            |         |
|                         |               | un skilled                | 0   | nos  | 870.00    | 0.00    |            |         |
|                         | materials     | a. Switch                 | 10  | nos  | 309.00    | 3090.00 | 3740.00    |         |
|                         |               | b.Box                     | 10  | nos  | 54.00     | 540.00  |            |         |
|                         |               | c. CM, Screws, Grips etc. | 10  | LS   | 11.00     | 110.00  |            |         |
|                         |               |                           |     |      |           |         |            |         |
|                         |               |                           |     |      |           |         | 5312.50    |         |
| <b>Rate per set Rs.</b> | <b>610.93</b> | Actual rate               |     |      |           |         |            |         |
|                         |               | 15% contractor overhead   |     |      |           |         |            | 796.88  |
|                         |               | Total (Rs.)               |     |      |           |         |            | 6109.38 |

**48 Dimmer Single 750 Watt F**

|                         | sources       | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost |         |
|-------------------------|---------------|---------------------------|-----|------|-----------|---------|------------|---------|
| 3048                    | labour        | skilled                   | 0.5 | nos  | 1185.00   | 592.50  | 1572.50    |         |
|                         |               | Semi skilled              | 1   | nos  | 980.00    | 980.00  |            |         |
|                         |               | un skilled                | 0   | nos  | 870.00    | 0.00    |            |         |
|                         | materials     | a. Switch                 | 10  | nos  | 459.00    | 4590.00 | 5240.00    |         |
|                         |               | b.Box                     | 10  | nos  | 54.00     | 540.00  |            |         |
|                         |               | c. CM, Screws, Grips etc. | 10  | LS   | 11.00     | 110.00  |            |         |
|                         |               |                           |     |      |           |         |            |         |
|                         |               |                           |     |      |           |         | 6812.50    |         |
| <b>Rate per set Rs.</b> | <b>783.43</b> | Actual rate               |     |      |           |         |            |         |
|                         |               | 15% contractor overhead   |     |      |           |         |            | 1021.88 |
|                         |               | Total (Rs.)               |     |      |           |         |            | 7834.38 |

**49 16/6 Amp Combined S/Socket With Safety Shutter F**

|                         | sources       | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost |         |
|-------------------------|---------------|---------------------------|-----|------|-----------|---------|------------|---------|
| 3049                    | labour        | skilled                   | 1   | nos  | 1185.00   | 1185.00 | 3145.00    |         |
|                         |               | Semi skilled              | 2   | nos  | 980.00    | 1960.00 |            |         |
|                         |               | un skilled                | 0   | nos  | 870.00    | 0.00    |            |         |
|                         | materials     | a. Switch Socket          | 10  | nos  | 151.00    | 1510.00 | 2160.00    |         |
|                         |               | b.Box                     | 10  | nos  | 54.00     | 540.00  |            |         |
|                         |               | c. CM, Screws, Grips etc. | 10  | LS   | 11.00     | 110.00  |            |         |
|                         |               |                           |     |      |           |         |            |         |
|                         |               |                           |     |      |           |         | 5305.00    |         |
| <b>Rate per set Rs.</b> | <b>610.07</b> | Actual rate               |     |      |           |         |            |         |
|                         |               | 15% contractor overhead   |     |      |           |         |            | 795.75  |
|                         |               | Total (Rs.)               |     |      |           |         |            | 6100.75 |

## ELECTRICAL RATE ANALYSIS

### 50 16/6 Amp Combined S/Socket With Safety ShutterS

|                                | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |                |
|--------------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|----------------|
| 3050                           | labour    | skilled                   | 0.5 | nos  | 1185.00   | 592.50  | 1572.50                 |                |
|                                |           | Semi skilled              | 1   | nos  | 980.00    | 980.00  |                         |                |
|                                |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |                |
| 3050                           | materials | a. Switch Socket          | 10  | nos  | 151.00    | 1510.00 | 1950.00                 |                |
|                                |           | b.Box                     | 10  | nos  | 35.00     | 350.00  |                         |                |
|                                |           | c. CM, Screws, Grips etc. | 10  | LS   | 9.00      | 90.00   |                         |                |
|                                |           |                           |     |      |           |         |                         |                |
|                                |           |                           |     |      |           |         | Actual rate             | 3522.50        |
|                                |           |                           |     |      |           |         | 15% contractor overhead | 528.38         |
| <b>Rate per set Rs. 405.08</b> |           |                           |     |      |           |         | Total (Rs.)             | <b>4050.88</b> |

### 51 16 Amp 3 pin Plug Top

|                                | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |                |
|--------------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|----------------|
| 3051                           | labour    | skilled                   | 0.5 | nos  | 1185.00   | 592.50  | 1572.50                 |                |
|                                |           | Semi skilled              | 1   | nos  | 980.00    | 980.00  |                         |                |
|                                |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |                |
| 3051                           | materials | a. Switch                 | 10  | nos  | 121.00    | 1210.00 | 1210.00                 |                |
|                                |           | b.Box                     | 0   | nos  | 0.00      | 0.00    |                         |                |
|                                |           | c. CM, Screws, Grips etc. | 0   | LS   | 0.00      | 0.00    |                         |                |
|                                |           |                           |     |      |           |         |                         |                |
|                                |           |                           |     |      |           |         | Actual rate             | 2782.50        |
|                                |           |                           |     |      |           |         | 15% contractor overhead | 417.38         |
| <b>Rate per set Rs. 319.98</b> |           |                           |     |      |           |         | Total (Rs.)             | <b>3199.88</b> |

### 52 20/25 Amp SP AC motor starter with 6/16 Amp Power socket

|                                | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |                |
|--------------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|----------------|
| 3052                           | labour    | skilled                   | 0.5 | nos  | 1185.00   | 592.50  | 1572.50                 |                |
|                                |           | Semi skilled              | 1   | nos  | 980.00    | 980.00  |                         |                |
|                                |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |                |
| 3052                           | materials | a. Switch                 | 10  | nos  | 371.00    | 3710.00 | 4320.00                 |                |
|                                |           | b.Box                     | 10  | nos  | 50.00     | 500.00  |                         |                |
|                                |           | c. CM, Screws, Grips etc. | 10  | LS   | 11.00     | 110.00  |                         |                |
|                                |           |                           |     |      |           |         |                         |                |
|                                |           |                           |     |      |           |         | Actual rate             | 5892.50        |
|                                |           |                           |     |      |           |         | 15% contractor overhead | 883.88         |
| <b>Rate per set Rs. 677.63</b> |           |                           |     |      |           |         | Total (Rs.)             | <b>6776.38</b> |

### 53 DP Switch 16-32 Amp F

|                                | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |                |
|--------------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|----------------|
| 3053                           | labour    | skilled                   | 1   | nos  | 1185.00   | 1185.00 | 3145.00                 |                |
|                                |           | Semi skilled              | 2   | nos  | 980.00    | 1960.00 |                         |                |
|                                |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |                |
| 3053                           | materials | a. Switch                 | 10  | nos  | 206.00    | 2060.00 | 2670.00                 |                |
|                                |           | b.Box                     | 10  | nos  | 50.00     | 500.00  |                         |                |
|                                |           | c. CM, Screws, Grips etc. | 10  | LS   | 11.00     | 110.00  |                         |                |
|                                |           |                           |     |      |           |         |                         |                |
|                                |           |                           |     |      |           |         | Actual rate             | 5815.00        |
|                                |           |                           |     |      |           |         | 15% contractor overhead | 872.25         |
| <b>Rate per set Rs. 668.72</b> |           |                           |     |      |           |         | Total (Rs.)             | <b>6687.25</b> |

## ELECTRICAL RATE ANALYSIS

### 54 Telephone Socket Single F

|                         | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |
|-------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|
| 3054                    | labour    | skilled                   | 1   | nos  | 1185.00   | 1185.00 | 3145.00                 |
|                         |           | Semi skilled              | 2   | nos  | 980.00    | 1960.00 |                         |
|                         |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |
|                         | materials | a. T socket               | 10  | nos  | 118.00    | 1180.00 | 1830.00                 |
|                         |           | b.Box                     | 10  | nos  | 54.00     | 540.00  |                         |
|                         |           | c. CM, Screws, Grips etc. | LS  |      |           | 110.00  |                         |
|                         |           |                           |     |      |           |         |                         |
|                         |           |                           |     |      |           |         | 4975.00                 |
| Rate per set Rs. 572.12 |           |                           |     |      |           |         | 746.25                  |
|                         |           |                           |     |      |           |         | 5721.25                 |
|                         |           |                           |     |      |           |         | Actual rate             |
|                         |           |                           |     |      |           |         | 15% contractor overhead |
|                         |           |                           |     |      |           |         | Total (Rs.)             |

### 55 Buzzer

|                         | sources   | Level                 | Qty | Unit | Rate/unit | cost   | Total Cost              |
|-------------------------|-----------|-----------------------|-----|------|-----------|--------|-------------------------|
| 3055                    | labour    | skilled               | 0.5 | nos  | 1185.00   | 592.50 | 1082.50                 |
|                         |           | Semi skilled          | 0.5 | nos  | 980.00    | 490.00 |                         |
|                         |           | un skilled            | 0   | nos  | 870.00    | 0.00   |                         |
|                         | materials | a. Buzzer             | 10  | nos  | 97.00     | 970.00 | 1015.00                 |
|                         |           | b. Screws, Grips etc. | LS  |      |           | 45.00  |                         |
|                         |           |                       |     |      |           |        |                         |
|                         |           |                       |     |      |           |        | 2097.50                 |
| Rate per set Rs. 241.21 |           |                       |     |      |           |        | 314.63                  |
|                         |           |                       |     |      |           |        | 2412.13                 |
|                         |           |                       |     |      |           |        | Actual rate             |
|                         |           |                       |     |      |           |        | 15% contractor overhead |
|                         |           |                       |     |      |           |        | Total (Rs.)             |

### 56 Musical Bell

|                         | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |
|-------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|
| 3056                    | labour    | skilled                   | 0.5 | nos  | 1185.00   | 592.50  | 1082.50                 |
|                         |           | Semi skilled              | 0.5 | nos  | 980.00    | 490.00  |                         |
|                         |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |
|                         | materials | a. M.Bell                 | 10  | nos  | 222.00    | 2220.00 | 2310.00                 |
|                         |           | b. CM, Screws, Grips etc. | LS  |      |           | 90.00   |                         |
|                         |           |                           |     |      |           |         |                         |
|                         |           |                           |     |      |           |         | 3392.50                 |
| Rate per set Rs. 390.13 |           |                           |     |      |           |         | 508.88                  |
|                         |           |                           |     |      |           |         | 3901.38                 |
|                         |           |                           |     |      |           |         | Actual rate             |
|                         |           |                           |     |      |           |         | 15% contractor overhead |
|                         |           |                           |     |      |           |         | Total (Rs.)             |

### 57 Ceiling Rose

|                         | sources   | Level                     | Qty  | Unit | Rate/unit | cost   | Total Cost              |
|-------------------------|-----------|---------------------------|------|------|-----------|--------|-------------------------|
| 3057                    | labour    | skilled                   | 0.25 | nos  | 1185.00   | 296.25 | 541.25                  |
|                         |           | Semi skilled              | 0.25 | nos  | 980.00    | 245.00 |                         |
|                         |           | un skilled                | 0    | nos  | 870.00    | 0.00   |                         |
|                         | materials | a. Ceiling rose           | 10   | nos  | 35.00     | 350.00 | 440.00                  |
|                         |           | b. CM, Screws, Grips etc. | LS   |      |           | 90.00  |                         |
|                         |           |                           |      |      |           |        |                         |
|                         |           |                           |      |      |           |        | 981.25                  |
| Rate per set Rs. 112.84 |           |                           |      |      |           |        | 147.19                  |
|                         |           |                           |      |      |           |        | 1128.44                 |
|                         |           |                           |      |      |           |        | Actual rate             |
|                         |           |                           |      |      |           |        | 15% contractor overhead |
|                         |           |                           |      |      |           |        | Total (Rs.)             |

## ELECTRICAL RATE ANALYSIS

### North-West/ Seimens Switch & Socket Or Equivalent

#### 58 1 Gang one way Switch F

|                         | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |         |
|-------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|---------|
| 3058                    | labour    | skilled                   | 1   | nos  | 1185.00   | 1185.00 | 3145.00                 |         |
|                         |           | Semi skilled              | 2   | nos  | 980.00    | 1960.00 |                         |         |
|                         |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |         |
|                         | materials | a. Switch with Plate      | 10  | nos  | 278.00    | 2780.00 | 3430.00                 |         |
|                         |           | b.PVC /M Box              | 10  | nos  | 54.00     | 540.00  |                         |         |
|                         |           | c. CM, Screws, Grips etc. | 10  | LS   | 11.00     | 110.00  |                         |         |
|                         |           |                           |     |      |           |         |                         |         |
|                         |           |                           |     |      |           |         | Actual rate             | 6575.00 |
| Rate per set Rs. 756.12 |           |                           |     |      |           |         | 15% contractor overhead | 986.25  |
|                         |           |                           |     |      |           |         | Total (Rs.)             | 7561.25 |

#### 59 1 Gang Two way Switch F

|                         | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |         |
|-------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|---------|
| 3059                    | labour    | skilled                   | 1   | nos  | 1185.00   | 1185.00 | 3145.00                 |         |
|                         |           | Semi skilled              | 2   | nos  | 980.00    | 1960.00 |                         |         |
|                         |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |         |
|                         | materials | a. Switch with Plate      | 10  | nos  | 387.00    | 3870.00 | 4520.00                 |         |
|                         |           | b.PVC /M Box              | 10  | nos  | 54.00     | 540.00  |                         |         |
|                         |           | c. CM, Screws, Grips etc. | 10  | LS   | 11.00     | 110.00  |                         |         |
|                         |           |                           |     |      |           |         |                         |         |
|                         |           |                           |     |      |           |         | Actual rate             | 7665.00 |
| Rate per set Rs. 881.47 |           |                           |     |      |           |         | 15% contractor overhead | 1149.75 |
|                         |           |                           |     |      |           |         | Total (Rs.)             | 8814.75 |

#### 60 2 Gang one way Switch F

|                         | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |         |
|-------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|---------|
| 3060                    | labour    | skilled                   | 1   | nos  | 1185.00   | 1185.00 | 3145.00                 |         |
|                         |           | Semi skilled              | 2   | nos  | 980.00    | 1960.00 |                         |         |
|                         |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |         |
|                         | materials | a. Switch with Plate      | 10  | nos  | 408.00    | 4080.00 | 4730.00                 |         |
|                         |           | b.PVC /M Box              | 10  | nos  | 54.00     | 540.00  |                         |         |
|                         |           | c. CM, Screws, Grips etc. | 10  | LS   | 11.00     | 110.00  |                         |         |
|                         |           |                           |     |      |           |         |                         |         |
|                         |           |                           |     |      |           |         | Actual rate             | 7875.00 |
| Rate per set Rs. 905.62 |           |                           |     |      |           |         | 15% contractor overhead | 1181.25 |
|                         |           |                           |     |      |           |         | Total (Rs.)             | 9056.25 |

#### 61 3 Gang one way Switch F

|                          | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |          |
|--------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|----------|
| 3061                     | labour    | skilled                   | 1   | nos  | 1185.00   | 1185.00 | 3145.00                 |          |
|                          |           | Semi skilled              | 2   | nos  | 980.00    | 1960.00 |                         |          |
|                          |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |          |
|                          | materials | a. Switch with Plate      | 10  | nos  | 582.00    | 5820.00 | 6470.00                 |          |
|                          |           | b.PVC /M Box              | 10  | nos  | 54.00     | 540.00  |                         |          |
|                          |           | c. CM, Screws, Grips etc. | 10  | LS   | 11.00     | 110.00  |                         |          |
|                          |           |                           |     |      |           |         |                         |          |
|                          |           |                           |     |      |           |         | Actual rate             | 9615.00  |
| Rate per set Rs. 1105.72 |           |                           |     |      |           |         | 15% contractor overhead | 1442.25  |
|                          |           |                           |     |      |           |         | Total (Rs.)             | 11057.25 |



**ELECTRICAL RATE ANALYSIS**

**62 4Gang one way Switch F**

|                                 | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |          |
|---------------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|----------|
| 3062                            | labour    | skilled                   | 1   | nos  | 1185.00   | 1185.00 | 3145.00                 |          |
|                                 |           | Semi skilled              | 2   | nos  | 980.00    | 1960.00 |                         |          |
|                                 |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |          |
| 3062                            | materials | a. Switch with Plate      | 10  | nos  | 741.00    | 7410.00 | 8230.00                 |          |
|                                 |           | b.PVC /M Box              | 10  | nos  | 71.00     | 710.00  |                         |          |
|                                 |           | c. CM, Screws, Grips etc. | 10  | LS   | 11.00     | 110.00  |                         |          |
|                                 |           |                           |     |      |           |         |                         |          |
|                                 |           |                           |     |      |           |         | Actual rate             | 11375.00 |
| <b>Rate per set Rs. 1308.12</b> |           |                           |     |      |           |         | 15% contractor overhead | 1706.25  |
|                                 |           |                           |     |      |           |         | Total (Rs.)             | 13081.25 |

**63 5 Gang one way Switch F**

|                              | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |         |
|------------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|---------|
| 3063                         | labour    | skilled                   | 1   | nos  | 1185.00   | 1185.00 | 3145.00                 |         |
|                              |           | Semi skilled              | 2   | nos  | 980.00    | 1960.00 |                         |         |
|                              |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |         |
| 3063                         | materials | a. Switch with Plate      | 10  | nos  | 0.00      | 0.00    | 0.00                    |         |
|                              |           | b.PVC /M Box              | 10  | nos  | 0.00      | 0.00    |                         |         |
|                              |           | c. CM, Screws, Grips etc. | 10  | LS   | 0.00      | 0.00    |                         |         |
|                              |           |                           |     |      |           |         |                         |         |
|                              |           |                           |     |      |           |         | Actual rate             | 3145.00 |
| <b>Rate per set Rs. 0.00</b> |           |                           |     |      |           |         | 15% contractor overhead | 471.75  |
|                              |           |                           |     |      |           |         | Total (Rs.)             | 3616.75 |

**64 6Gang one way Switch F**

|                                 | sources   | Level                     | Qty | Unit | Rate/unit | cost     | Total Cost              |          |
|---------------------------------|-----------|---------------------------|-----|------|-----------|----------|-------------------------|----------|
| 3064                            | labour    | skilled                   | 1   | nos  | 1185.00   | 1185.00  | 3145.00                 |          |
|                                 |           | Semi skilled              | 2   | nos  | 980.00    | 1960.00  |                         |          |
|                                 |           | un skilled                | 0   | nos  | 870.00    | 0.00     |                         |          |
| 3064                            | materials | a. Switch with Plate      | 10  | nos  | 1081.00   | 10810.00 | 12340.00                |          |
|                                 |           | b.PVC /M Box              | 10  | nos  | 142.00    | 1420.00  |                         |          |
|                                 |           | c. CM, Screws, Grips etc. | 10  | LS   | 11.00     | 110.00   |                         |          |
|                                 |           |                           |     |      |           |          |                         |          |
|                                 |           |                           |     |      |           |          | Actual rate             | 15485.00 |
| <b>Rate per set Rs. 1780.77</b> |           |                           |     |      |           |          | 15% contractor overhead | 2322.75  |
|                                 |           |                           |     |      |           |          | Total (Rs.)             | 17807.75 |

**65 5 Amp Power Socket**

|                                | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |         |
|--------------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|---------|
| 3065                           | labour    | skilled                   | 1   | nos  | 1185.00   | 1185.00 | 3145.00                 |         |
|                                |           | Semi skilled              | 2   | nos  | 980.00    | 1960.00 |                         |         |
|                                |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |         |
| 3065                           | materials | a. Switch Socket          | 10  | nos  | 340.00    | 3400.00 | 4010.00                 |         |
|                                |           | b.PVC /M Box              | 10  | nos  | 50.00     | 500.00  |                         |         |
|                                |           | c. CM, Screws, Grips etc. | 10  | LS   | 11.00     | 110.00  |                         |         |
|                                |           |                           |     |      |           |         |                         |         |
|                                |           |                           |     |      |           |         | Actual rate             | 7155.00 |
| <b>Rate per set Rs. 822.82</b> |           |                           |     |      |           |         | 15% contractor overhead | 1073.25 |
|                                |           |                           |     |      |           |         | Total (Rs.)             | 8228.25 |

## ELECTRICAL RATE ANALYSIS

### 66 13-15 Amp Power Socket

|      | sources                        | Level                     | Qty | Unit | Rate/unit | cost        | Total Cost              |         |
|------|--------------------------------|---------------------------|-----|------|-----------|-------------|-------------------------|---------|
| 3066 | labour                         | skilled                   | 1   | nos  | 1185.00   | 1185.00     | 3145.00                 |         |
|      |                                | Semi skilled              | 2   | nos  | 980.00    | 1960.00     |                         |         |
|      |                                | un skilled                | 0   | nos  | 870.00    | 0.00        |                         |         |
|      | materials                      | a. Switch Socket          | 10  | nos  | 443.00    | 4430.00     | 5040.00                 |         |
|      |                                | b.PVC /M Box              | 10  | nos  | 50.00     | 500.00      |                         |         |
|      |                                | c. CM, Screws, Grips etc. | 10  | LS   | 11.00     | 110.00      |                         |         |
|      |                                |                           |     |      |           |             |                         |         |
|      |                                |                           |     |      |           |             | Actual rate             | 8185.00 |
|      | <b>Rate per set Rs. 941.27</b> |                           |     |      |           |             | 15% contractor overhead | 1227.75 |
|      |                                |                           |     |      |           | Total (Rs.) | 9412.75                 |         |

### 67 T.V Socket

|      | sources                        | Level                     | Qty | Unit | Rate/unit | cost        | Total Cost              |         |
|------|--------------------------------|---------------------------|-----|------|-----------|-------------|-------------------------|---------|
| 3067 | labour                         | skilled                   | 1   | nos  | 1185.00   | 1185.00     | 3145.00                 |         |
|      |                                | Semi skilled              | 2   | nos  | 980.00    | 1960.00     |                         |         |
|      |                                | un skilled                | 0   | nos  | 870.00    | 0.00        |                         |         |
|      | materials                      | a. Switch Socket          | 10  | nos  | 374.00    | 3740.00     | 4390.00                 |         |
|      |                                | b.PVC /M Box              | 10  | nos  | 54.00     | 540.00      |                         |         |
|      |                                | c. CM, Screws, Grips etc. | 10  | LS   | 11.00     | 110.00      |                         |         |
|      |                                |                           |     |      |           |             |                         |         |
|      |                                |                           |     |      |           |             | Actual rate             | 7535.00 |
|      | <b>Rate per set Rs. 866.52</b> |                           |     |      |           |             | 15% contractor overhead | 1130.25 |
|      |                                |                           |     |      |           | Total (Rs.) | 8665.25                 |         |

### 68 T.Phone Socket

|      | sources                        | Level                     | Qty | Unit | Rate/unit | cost        | Total Cost              |         |
|------|--------------------------------|---------------------------|-----|------|-----------|-------------|-------------------------|---------|
| 3068 | labour                         | skilled                   | 1   | nos  | 1185.00   | 1185.00     | 3145.00                 |         |
|      |                                | Semi skilled              | 2   | nos  | 980.00    | 1960.00     |                         |         |
|      |                                | un skilled                | 0   | nos  | 870.00    | 0.00        |                         |         |
|      | materials                      | a. Switch Socket          | 10  | nos  | 430.00    | 4300.00     | 4950.00                 |         |
|      |                                | b.PVC /M Box              | 10  | nos  | 54.00     | 540.00      |                         |         |
|      |                                | c. CM, Screws, Grips etc. | 10  | LS   | 11.00     | 110.00      |                         |         |
|      |                                |                           |     |      |           |             |                         |         |
|      |                                |                           |     |      |           |             | Actual rate             | 8095.00 |
|      | <b>Rate per set Rs. 930.92</b> |                           |     |      |           |             | 15% contractor overhead | 1214.25 |
|      |                                |                           |     |      |           | Total (Rs.) | 9309.25                 |         |

### 69 Bell Push

|      | sources                        | Level                     | Qty | Unit | Rate/unit | cost        | Total Cost              |         |
|------|--------------------------------|---------------------------|-----|------|-----------|-------------|-------------------------|---------|
| 3069 | labour                         | skilled                   | 1   | nos  | 1185.00   | 1185.00     | 3145.00                 |         |
|      |                                | Semi skilled              | 2   | nos  | 980.00    | 1960.00     |                         |         |
|      |                                | un skilled                | 0   | nos  | 870.00    | 0.00        |                         |         |
|      | materials                      | a. Bell Switch            | 10  | nos  | 400.00    | 4000.00     | 4650.00                 |         |
|      |                                | b.PVC /M Box              | 10  | nos  | 54.00     | 540.00      |                         |         |
|      |                                | c. CM, Screws, Grips etc. | 10  | LS   | 11.00     | 110.00      |                         |         |
|      |                                |                           |     |      |           |             |                         |         |
|      |                                |                           |     |      |           |             | Actual rate             | 7795.00 |
|      | <b>Rate per set Rs. 896.42</b> |                           |     |      |           |             | 15% contractor overhead | 1169.25 |
|      |                                |                           |     |      |           | Total (Rs.) | 8964.25                 |         |

## ELECTRICAL RATE ANALYSIS

### Switch Gears( ISI ) Mark Geco or equivalent

#### **70 16 Amp 415 Volt DP Main Switch S**

|                                 | sources   | Level                     | Qty | Unit | Rate/unit | cost   | Total Cost              |         |
|---------------------------------|-----------|---------------------------|-----|------|-----------|--------|-------------------------|---------|
| 3070                            | labour    | skilled                   | 0.5 | nos  | 1185.00   | 592.50 | 1572.50                 |         |
|                                 |           | Semi skilled              | 1   | nos  | 980.00    | 980.00 |                         |         |
|                                 |           | un skilled                | 0   | nos  | 870.00    | 0.00   |                         |         |
|                                 | materials | a. Switch                 | 1   | nos  | 335.00    | 335.00 | 362.00                  |         |
|                                 |           | b. CM, Screws, Grips etc. | 1   | LS   | 27.00     | 27.00  |                         |         |
|                                 |           |                           |     |      |           |        |                         |         |
|                                 |           |                           |     |      |           |        | 1934.50                 |         |
| <b>Rate per set Rs. 2224.67</b> |           |                           |     |      |           |        | 15% contractor overhead | 290.17  |
|                                 |           |                           |     |      |           |        | Total (Rs.)             | 2224.67 |

#### **71 32 Amp 415 Volt DP Main Switch S**

|                                 | sources   | Level                     | Qty | Unit | Rate/unit | cost   | Total Cost              |         |
|---------------------------------|-----------|---------------------------|-----|------|-----------|--------|-------------------------|---------|
| 3071                            | labour    | skilled                   | 0.5 | nos  | 1185.00   | 592.50 | 1572.50                 |         |
|                                 |           | Semi skilled              | 1   | nos  | 980.00    | 980.00 |                         |         |
|                                 |           | un skilled                | 0   | nos  | 870.00    | 0.00   |                         |         |
|                                 | materials | a. Switch                 | 1   | nos  | 850.00    | 850.00 | 877.00                  |         |
|                                 |           | b. CM, Screws, Grips etc. | LS  |      |           | 27.00  |                         |         |
|                                 |           |                           |     |      |           |        |                         |         |
|                                 |           |                           |     |      |           |        | 2449.50                 |         |
| <b>Rate per set Rs. 2816.92</b> |           |                           |     |      |           |        | 15% contractor overhead | 367.43  |
|                                 |           |                           |     |      |           |        | Total (Rs.)             | 2816.92 |

#### **72 63 Amp 415 Volt DP Main Switch S**

|                                 | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |         |
|---------------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|---------|
| 3072                            | labour    | skilled                   | 0.5 | nos  | 1185.00   | 592.50  | 1572.50                 |         |
|                                 |           | Semi skilled              | 1   | nos  | 980.00    | 980.00  |                         |         |
|                                 |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |         |
|                                 | materials | a. Switch                 | 1   | nos  | 2300.00   | 2300.00 | 2327.00                 |         |
|                                 |           | b. CM, Screws, Grips etc. | LS  |      |           | 27.00   |                         |         |
|                                 |           |                           |     |      |           |         |                         |         |
|                                 |           |                           |     |      |           |         | 3899.50                 |         |
| <b>Rate per set Rs. 4484.42</b> |           |                           |     |      |           |         | 15% contractor overhead | 584.93  |
|                                 |           |                           |     |      |           |         | Total (Rs.)             | 4484.42 |

#### **73 100 Amp 415 Volt DP Main Switch**

|                                 | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |         |
|---------------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|---------|
| 3073                            | labour    | skilled                   | 0.5 | nos  | 1185.00   | 592.50  | 1572.50                 |         |
|                                 |           | Semi skilled              | 1   | nos  | 980.00    | 980.00  |                         |         |
|                                 |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |         |
|                                 | materials | a. Switch                 | 1   | nos  | 4400.00   | 4400.00 | 4427.00                 |         |
|                                 |           | b. CM, Screws, Grips etc. | LS  |      |           | 27.00   |                         |         |
|                                 |           |                           |     |      |           |         |                         |         |
|                                 |           |                           |     |      |           |         | 5999.50                 |         |
| <b>Rate per set Rs. 6899.42</b> |           |                           |     |      |           |         | 15% contractor overhead | 899.93  |
|                                 |           |                           |     |      |           |         | Total (Rs.)             | 6899.42 |

## ELECTRICAL RATE ANALYSIS

### 74 16 Amp 415 Volt DP HRC Main Switch

| sources                 | Level                     | Qty | Unit | Rate/unit | cost   | Total Cost |
|-------------------------|---------------------------|-----|------|-----------|--------|------------|
| 3074 labour             | skilled                   | 0.5 | nos  | 1185.00   | 592.50 | 1572.50    |
|                         | Semi skilled              | 1   | nos  | 980.00    | 980.00 |            |
|                         | un skilled                | 0   | nos  | 870.00    | 0.00   |            |
| materials               | a. Switch                 | 1   | nos  | 990.00    | 990.00 | 1017.00    |
|                         | b. CM, Screws, Grips etc. | LS  |      |           | 27.00  |            |
|                         |                           |     |      |           |        | 2589.50    |
| Actual rate             |                           |     |      |           |        | 388.43     |
| 15% contractor overhead |                           |     |      |           |        | 2977.92    |
| Total (Rs.)             |                           |     |      |           |        |            |

**Rate per set Rs. 2977.92**

### 75 32 Amp 415 Volt DP HRC Main Switch

| sources                 | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost |
|-------------------------|---------------------------|-----|------|-----------|---------|------------|
| 3075 labour             | skilled                   | 0.5 | nos  | 1185.00   | 592.50  | 1572.50    |
|                         | Semi skilled              | 1   | nos  | 980.00    | 980.00  |            |
|                         | un skilled                | 0   | nos  | 870.00    | 0.00    |            |
| materials               | a. Switch                 | 1   | nos  | 1430.00   | 1430.00 | 1457.00    |
|                         | b. CM, Screws, Grips etc. | LS  |      |           | 27.00   |            |
|                         |                           |     |      |           |         | 3029.50    |
| Actual rate             |                           |     |      |           |         | 454.43     |
| 15% contractor overhead |                           |     |      |           |         | 3483.92    |
| Total (Rs.)             |                           |     |      |           |         |            |

**Rate per set Rs. 3483.92**

### 76 63 Amp 415 Volt DP HRC Main Switch

| sources                 | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost |
|-------------------------|---------------------------|-----|------|-----------|---------|------------|
| 3076 labour             | skilled                   | 0.5 | nos  | 1185.00   | 592.50  | 1572.50    |
|                         | Semi skilled              | 1   | nos  | 980.00    | 980.00  |            |
|                         | un skilled                | 0   | nos  | 870.00    | 0.00    |            |
| materials               | a. Switch                 | 1   | nos  | 3190.00   | 3190.00 | 3217.00    |
|                         | b. CM, Screws, Grips etc. | LS  |      |           | 27.00   |            |
|                         |                           |     |      |           |         | 4789.50    |
| Actual rate             |                           |     |      |           |         | 718.43     |
| 15% contractor overhead |                           |     |      |           |         | 5507.92    |
| Total (Rs.)             |                           |     |      |           |         |            |

**Rate per set Rs. 5507.92**

### 77 100 Amp 415 Volt DP HRC Main Switch

| sources                 | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost |
|-------------------------|---------------------------|-----|------|-----------|---------|------------|
| 3077 labour             | skilled                   | 0.5 | nos  | 1185.00   | 592.50  | 1572.50    |
|                         | Semi skilled              | 1   | nos  | 980.00    | 980.00  |            |
|                         | un skilled                | 0   | nos  | 870.00    | 0.00    |            |
| materials               | a. Switch                 | 1   | nos  | 6150.00   | 6150.00 | 6177.00    |
|                         | b. CM, Screws, Grips etc. | LS  |      |           | 27.00   |            |
|                         |                           |     |      |           |         | 7749.50    |
| Actual rate             |                           |     |      |           |         | 1162.43    |
| 15% contractor overhead |                           |     |      |           |         | 8911.92    |
| Total (Rs.)             |                           |     |      |           |         |            |

**Rate per set Rs. 8911.92**

**ELECTRICAL RATE ANALYSIS**

**78 16 Amp 415 Volt TP Main Switch HRC**

|                         | sources        | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost |         |
|-------------------------|----------------|---------------------------|-----|------|-----------|---------|------------|---------|
| 3078                    | labour         | skilled                   | 0.5 | nos  | 1185.00   | 592.50  | 1572.50    |         |
|                         |                | Semi skilled              | 1   | nos  | 980.00    | 980.00  |            |         |
|                         |                | un skilled                | 0   | nos  | 870.00    | 0.00    |            |         |
|                         | materials      | a. Switch                 | 1   | nos  | 1230.00   | 1230.00 | 1257.00    |         |
|                         |                | b. CM, Screws, Grips etc. | LS  |      |           | 27.00   |            |         |
|                         |                |                           |     |      |           |         |            |         |
|                         |                |                           |     |      |           |         | 2829.50    |         |
| <b>Rate per set Rs.</b> | <b>3253.92</b> | Actual rate               |     |      |           |         |            |         |
|                         |                | 15% contractor overhead   |     |      |           |         |            | 424.43  |
|                         |                | Total (Rs.)               |     |      |           |         |            | 3253.92 |

**79 32 Amp 415 Volt TP Main Switch HRC**

|                         | sources        | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost |         |
|-------------------------|----------------|---------------------------|-----|------|-----------|---------|------------|---------|
| 3079                    | labour         | skilled                   | 0.5 | nos  | 1185.00   | 592.50  | 1572.50    |         |
|                         |                | Semi skilled              | 1   | nos  | 980.00    | 980.00  |            |         |
|                         |                | un skilled                | 0   | nos  | 870.00    | 0.00    |            |         |
|                         | materials      | a. Switch                 | 1   | nos  | 1760.00   | 1760.00 | 1787.00    |         |
|                         |                | b. CM, Screws, Grips etc. | LS  |      |           | 27.00   |            |         |
|                         |                |                           |     |      |           |         |            |         |
|                         |                |                           |     |      |           |         | 3359.50    |         |
| <b>Rate per set Rs.</b> | <b>3863.42</b> | Actual rate               |     |      |           |         |            |         |
|                         |                | 15% contractor overhead   |     |      |           |         |            | 503.93  |
|                         |                | Total (Rs.)               |     |      |           |         |            | 3863.42 |

**80 63 Amp 415 Volt TP Main Switch HRC**

|                         | sources        | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost |         |
|-------------------------|----------------|---------------------------|-----|------|-----------|---------|------------|---------|
| 3080                    | labour         | skilled                   | 0.5 | nos  | 1185.00   | 592.50  | 1572.50    |         |
|                         |                | Semi skilled              | 1   | nos  | 980.00    | 980.00  |            |         |
|                         |                | un skilled                | 0   | nos  | 870.00    | 0.00    |            |         |
|                         | materials      | a. Switch                 | 1   | nos  | 4930.00   | 4930.00 | 4957.00    |         |
|                         |                | b. CM, Screws, Grips etc. | LS  |      |           | 27.00   |            |         |
|                         |                |                           |     |      |           |         |            |         |
|                         |                |                           |     |      |           |         | 6529.50    |         |
| <b>Rate per set Rs.</b> | <b>7508.92</b> | Actual rate               |     |      |           |         |            |         |
|                         |                | 15% contractor overhead   |     |      |           |         |            | 979.43  |
|                         |                | Total (Rs.)               |     |      |           |         |            | 7508.92 |

**81 100 Amp 415 Volt TP Main Switch HRC**

|                         | sources        | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost |         |
|-------------------------|----------------|---------------------------|-----|------|-----------|---------|------------|---------|
| 3081                    | labour         | skilled                   | 0.5 | nos  | 1185.00   | 592.50  | 1572.50    |         |
|                         |                | Semi skilled              | 1   | nos  | 980.00    | 980.00  |            |         |
|                         |                | un skilled                | 0   | nos  | 870.00    | 0.00    |            |         |
|                         | materials      | a. Switch                 | 1   | nos  | 7040.00   | 7040.00 | 7067.00    |         |
|                         |                | c. CM, Screws, Grips etc. | LS  |      |           | 27.00   |            |         |
|                         |                |                           |     |      |           |         |            |         |
|                         |                |                           |     |      |           |         | 8639.50    |         |
| <b>Rate per set Rs.</b> | <b>9935.42</b> | Actual rate               |     |      |           |         |            |         |
|                         |                | 15% contractor overhead   |     |      |           |         |            | 1295.93 |
|                         |                | Total (Rs.)               |     |      |           |         |            | 9935.42 |

**ELECTRICAL RATE ANALYSIS**

**82 200 Amp 415 Volt TP Switch HRC**

| sources                   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost |
|---------------------------|---------------------------|-----|------|-----------|---------|------------|
| 3082 labour               | skilled                   | 1   | nos  | 1185.00   | 1185.00 | 2165.00    |
|                           | Semi skilled              | 1   | nos  | 980.00    | 980.00  |            |
|                           | un skilled                | 0   | nos  | 870.00    | 0.00    |            |
| materials                 | a. Switch                 | 1   | nos  | 9790.00   | 9790.00 | 9836.00    |
|                           | b. CM, Screws, Grips etc. | LS  |      |           | 46.00   |            |
|                           |                           |     |      |           |         | 12001.00   |
| Actual rate               |                           |     |      |           |         | 1800.15    |
| Rate per set Rs. 13801.15 |                           |     |      |           |         | 13801.15   |
| 15% contractor overhead   |                           |     |      |           |         |            |
| Total (Rs.)               |                           |     |      |           |         |            |

**83 63 Amp 415 Volt Change over Switch**

| sources                   | Level                     | Qty | Unit | Rate/unit | cost     | Total Cost |
|---------------------------|---------------------------|-----|------|-----------|----------|------------|
| 3083 labour               | skilled                   | 0.5 | nos  | 1185.00   | 592.50   | 1572.50    |
|                           | Semi skilled              | 1   | nos  | 980.00    | 980.00   |            |
|                           | un skilled                | 0   | nos  | 870.00    | 0.00     |            |
| materials                 | a. Switch                 | 1   | nos  | 12135.00  | 12135.00 | 12160.00   |
|                           | b. CM, Screws, Grips etc. | LS  |      |           | 25.00    |            |
|                           |                           |     |      |           |          | 13732.50   |
| Actual rate               |                           |     |      |           |          | 2059.88    |
| Rate per set Rs. 15792.37 |                           |     |      |           |          | 15792.37   |
| 15% contractor overhead   |                           |     |      |           |          |            |
| Total (Rs.)               |                           |     |      |           |          |            |

**84 100 Amp 415 Volt Change over Switch**

| sources                   | Level                     | Qty | Unit | Rate/unit | cost     | Total Cost |
|---------------------------|---------------------------|-----|------|-----------|----------|------------|
| 3084 labour               | skilled                   | 0.5 | nos  | 1185.00   | 592.50   | 1572.50    |
|                           | Semi skilled              | 1   | nos  | 980.00    | 980.00   |            |
|                           | un skilled                | 0   | nos  | 870.00    | 0.00     |            |
| materials                 | a. Switch                 | 1   | nos  | 19020.00  | 19020.00 | 19045.00   |
|                           | b. CM, Screws, Grips etc. | LS  |      |           | 25.00    |            |
|                           |                           |     |      |           |          | 20617.50   |
| Actual rate               |                           |     |      |           |          | 3092.63    |
| Rate per set Rs. 23710.12 |                           |     |      |           |          | 23710.12   |
| 15% contractor overhead   |                           |     |      |           |          |            |
| Total (Rs.)               |                           |     |      |           |          |            |

**85 63 Amp Bus Bar Chamber**

| sources                  | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost |
|--------------------------|---------------------------|-----|------|-----------|---------|------------|
| 3085 labour              | skilled                   | 1   | nos  | 1185.00   | 1185.00 | 3145.00    |
|                          | Semi skilled              | 2   | nos  | 980.00    | 1960.00 |            |
|                          | un skilled                | 0   | nos  | 870.00    | 0.00    |            |
| materials                | a. Bus Bar                | 1   | nos  | 2737.00   | 2737.00 | 2748.00    |
|                          | b. CM, Screws, Grips etc. | LS  |      |           | 11.00   |            |
|                          |                           |     |      |           |         | 5893.00    |
| Actual rate              |                           |     |      |           |         | 883.95     |
| Rate per set Rs. 6776.95 |                           |     |      |           |         | 6776.95    |
| 15% contractor overhead  |                           |     |      |           |         |            |
| Total (Rs.)              |                           |     |      |           |         |            |

**ELECTRICAL RATE ANALYSIS**

**86 100 Amp Bus Bar Chamber**

|                         | sources        | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost |         |
|-------------------------|----------------|---------------------------|-----|------|-----------|---------|------------|---------|
| 3086                    | labour         | skilled                   | 1   | nos  | 1185.00   | 1185.00 | 3145.00    |         |
|                         |                | Semi skilled              | 2   | nos  | 980.00    | 1960.00 |            |         |
|                         |                | un skilled                | 0   | nos  | 870.00    | 0.00    |            |         |
|                         | materials      | a. Bus Bar                | 1   | nos  | 4187.00   | 4187.00 | 4198.00    |         |
|                         |                | c. CM, Screws, Grips etc. | LS  |      |           | 11.00   |            |         |
|                         |                |                           |     |      |           |         |            |         |
|                         |                |                           |     |      |           |         | 7343.00    |         |
| <b>Rate per set Rs.</b> | <b>8444.45</b> | Actual rate               |     |      |           |         |            |         |
|                         |                | 15% contractor overhead   |     |      |           |         |            | 1101.45 |
|                         |                | Total (Rs.)               |     |      |           |         |            | 8444.45 |

**87 200 Amp Bus Bar Chamber**

|                         | sources         | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost |          |
|-------------------------|-----------------|---------------------------|-----|------|-----------|---------|------------|----------|
| 3087                    | labour          | skilled                   | 1.5 | nos  | 1185.00   | 1777.50 | 4717.50    |          |
|                         |                 | Semi skilled              | 3   | nos  | 980.00    | 2940.00 |            |          |
|                         |                 | un skilled                | 0   | nos  | 870.00    | 0.00    |            |          |
|                         | materials       | a. Bus Bar                | 1   | nos  | 5160.00   | 5160.00 | 5175.00    |          |
|                         |                 | c. CM, Screws, Grips etc. | LS  |      |           | 15.00   |            |          |
|                         |                 |                           |     |      |           |         |            |          |
|                         |                 |                           |     |      |           |         | 9892.50    |          |
| <b>Rate per set Rs.</b> | <b>11376.37</b> | Actual rate               |     |      |           |         |            |          |
|                         |                 | 15% contractor overhead   |     |      |           |         |            | 1483.88  |
|                         |                 | Total (Rs.)               |     |      |           |         |            | 11376.37 |

**Panel Board & Accessories**

**88 60/100Amp Panel Board with Suitable color, Floor Mounted Double cover, Push Type Switch, Size 9"x36"x48"**

|                         | sources         | Level                       | Qty | Unit | Rate/unit | cost     | Total Cost |          |
|-------------------------|-----------------|-----------------------------|-----|------|-----------|----------|------------|----------|
| 3088                    | labour          | skilled                     | 1   | nos  | 1185.00   | 1185.00  | 3145.00    |          |
|                         |                 | Semi skilled                | 2   | nos  | 980.00    | 1960.00  |            |          |
|                         |                 | un skilled                  | 0   | nos  | 870.00    | 0.00     |            |          |
|                         | materials       | a. Panel Board              | 1   | nos  | 22366.00  | 22366.00 | 22412.00   |          |
|                         |                 | b. CM, Screws, Bus Bar etc. | LS  |      |           | 46.00    |            |          |
|                         |                 |                             |     |      |           |          |            |          |
|                         |                 |                             |     |      |           |          | 25557.00   |          |
| <b>Rate per set Rs.</b> | <b>29390.55</b> | Actual rate                 |     |      |           |          |            |          |
|                         |                 | 15% contractor overhead     |     |      |           |          |            | 3833.55  |
|                         |                 | Total (Rs.)                 |     |      |           |          |            | 29390.55 |

**89 60/100Amp Panel Board with Suitable color, Floor Mounted Double cover, Push Type Switch, Size 12"x36"x48"**

|                         | sources         | Level                       | Qty | Unit | Rate/unit | cost     | Total Cost |          |
|-------------------------|-----------------|-----------------------------|-----|------|-----------|----------|------------|----------|
| 3089                    | labour          | skilled                     | 1   | nos  | 1185.00   | 1185.00  | 3145.00    |          |
|                         |                 | Semi skilled                | 2   | nos  | 980.00    | 1960.00  |            |          |
|                         |                 | un skilled                  | 0   | nos  | 870.00    | 0.00     |            |          |
|                         | materials       | a. Panel Board              | 1   | nos  | 26627.00  | 26627.00 | 26673.00   |          |
|                         |                 | b. CM, Screws, Bus Bar etc. | LS  |      |           | 46.00    |            |          |
|                         |                 |                             |     |      |           |          |            |          |
|                         |                 |                             |     |      |           |          | 29818.00   |          |
| <b>Rate per set Rs.</b> | <b>34290.70</b> | Actual rate                 |     |      |           |          |            |          |
|                         |                 | 15% contractor overhead     |     |      |           |          |            | 4472.70  |
|                         |                 | Total (Rs.)                 |     |      |           |          |            | 34290.70 |

**ELECTRICAL RATE ANALYSIS**

**90 150/200 Amp Panel Board with Suitable color, Floor Mounted Double cover, Push Type Switch, Size 9"x38"x52"**

|                                  | sources   | Level                       | Qty | Unit | Rate/unit | cost     | Total Cost |
|----------------------------------|-----------|-----------------------------|-----|------|-----------|----------|------------|
| 3090                             | labour    | skilled                     | 1.5 | nos  | 1185.00   | 1777.50  | 4717.50    |
|                                  |           | Semi skilled                | 3   | nos  | 980.00    | 2940.00  |            |
|                                  |           | un skilled                  | 0   | nos  | 870.00    | 0.00     |            |
|                                  | materials | a. Panel Board              | 1   | nos  | 24851.00  | 24851.00 | 24897.00   |
|                                  |           | b. CM, Screws, Bus Bar etc. | LS  |      |           | 46.00    |            |
|                                  |           |                             |     |      |           |          | 29614.50   |
| <b>Rate per set Rs. 34056.67</b> |           |                             |     |      |           |          | 4442.18    |
|                                  |           |                             |     |      |           |          | 34056.67   |

Actual rate  
15% contractor overhead  
Total (Rs.)

**91 250/300 Amp Panel Board with Suitable color, Floor Mounted Double cover, Push Type Switch, Size 12"x48"x60"**

|                                  | sources   | Level                       | Qty | Unit | Rate/unit | cost     | Total Cost |
|----------------------------------|-----------|-----------------------------|-----|------|-----------|----------|------------|
| 3091                             | labour    | skilled                     | 1.5 | nos  | 1185.00   | 1777.50  | 4717.50    |
|                                  |           | Semi skilled                | 3   | nos  | 980.00    | 2940.00  |            |
|                                  |           | un skilled                  | 0   | nos  | 870.00    | 0.00     |            |
|                                  | materials | a. Panel Board              | 1   | nos  | 36040.00  | 36040.00 | 36086.00   |
|                                  |           | b. CM, Screws, Bus Bar etc. | LS  |      |           | 46.00    |            |
|                                  |           |                             |     |      |           |          | 40803.50   |
| <b>Rate per set Rs. 46924.02</b> |           |                             |     |      |           |          | 6120.53    |
|                                  |           |                             |     |      |           |          | 46924.02   |

Actual rate  
15% contractor overhead  
Total (Rs.)

**92 400 Amp Panel Board with Suitable color, Floor Mounted Double cover, Push Type Switch, Size 12"x52"x66"**

|                                  | sources   | Level                       | Qty | Unit | Rate/unit | cost     | Total Cost |
|----------------------------------|-----------|-----------------------------|-----|------|-----------|----------|------------|
| 3092                             | labour    | skilled                     | 1.5 | nos  | 1185.00   | 1777.50  | 4717.50    |
|                                  |           | Semi skilled                | 3   | nos  | 980.00    | 2940.00  |            |
|                                  |           | un skilled                  | 0   | nos  | 870.00    | 0.00     |            |
|                                  | materials | a. Panel Board              | 1   | nos  | 42947.00  | 42947.00 | 42993.00   |
|                                  |           | b. CM, Screws, Bus Bar etc. | LS  |      |           | 46.00    |            |
|                                  |           |                             |     |      |           |          | 47710.50   |
| <b>Rate per set Rs. 54867.07</b> |           |                             |     |      |           |          | 7156.58    |
|                                  |           |                             |     |      |           |          | 54867.07   |

Actual rate  
15% contractor overhead  
Total (Rs.)

**93 3P MCCB 36KA-Siemens,GE, Legrand, C&S or Eqv.**

**60 Amp 36 KA MCCB 3P**

|                                  | sources   | Level                     | Qty | Unit | Rate/unit | cost     | Total Cost |
|----------------------------------|-----------|---------------------------|-----|------|-----------|----------|------------|
| 3093                             | labour    | skilled                   | 0   | nos  | 1185.00   | 0.00     | 0.00       |
|                                  |           | Semi skilled              | 0   | nos  | 980.00    | 0.00     |            |
|                                  |           | un skilled                | 0   | nos  | 870.00    | 0.00     |            |
|                                  | materials | a. MCCB                   | 1   | nos  | 12592.00  | 12592.00 | 12592.00   |
|                                  |           | b. CM, Screws, Grips etc. | LS  |      |           | 0.00     |            |
|                                  |           |                           |     |      |           |          | 12592.00   |
| <b>Rate per set Rs. 14480.80</b> |           |                           |     |      |           |          | 1888.80    |
|                                  |           |                           |     |      |           |          | 14480.80   |

Actual rate  
15% contractor overhead  
Total (Rs.)



**ELECTRICAL RATE ANALYSIS**

**94 16-100 Amp 3P MCCB 36 KA**

|                                  | sources   | Level                     | Qty | Unit | Rate/unit | cost     | Total Cost              |          |
|----------------------------------|-----------|---------------------------|-----|------|-----------|----------|-------------------------|----------|
| 3094                             | labour    | skilled                   | 0   | nos  | 1185.00   | 0.00     | 0.00                    |          |
|                                  |           | Semi skilled              | 0   | nos  | 980.00    | 0.00     |                         |          |
|                                  |           | un skilled                | 0   | nos  | 870.00    | 0.00     |                         |          |
|                                  | materials | a.MCCB                    | 1   | nos  | 12592.00  | 12592.00 | 12592.00                |          |
|                                  |           | b. CM, Screws, Grips etc. | LS  |      |           | 0.00     |                         |          |
|                                  |           |                           |     |      |           |          |                         |          |
|                                  |           |                           |     |      |           |          | Actual rate             | 12592.00 |
| <b>Rate per set Rs. 14480.80</b> |           |                           |     |      |           |          | 15% contractor overhead | 1888.80  |
|                                  |           |                           |     |      |           |          | Total (Rs.)             | 14480.80 |

**95 125 Amp MCCB 3P MCCB 36 KA**

|                                  | sources   | Level                     | Qty | Unit | Rate/unit | cost     | Total Cost              |          |
|----------------------------------|-----------|---------------------------|-----|------|-----------|----------|-------------------------|----------|
| 3095                             | labour    | skilled                   | 0   | nos  | 1185.00   | 0.00     | 0.00                    |          |
|                                  |           | Semi skilled              | 0   | nos  | 980.00    | 0.00     |                         |          |
|                                  |           | un skilled                | 0   | nos  | 870.00    | 0.00     |                         |          |
|                                  | materials | a. MCCB                   | 1   | nos  | 19981.00  | 19981.00 | 19981.00                |          |
|                                  |           | c. CM, Screws, Grips etc. | LS  |      |           |          |                         |          |
|                                  |           |                           |     |      |           |          |                         |          |
|                                  |           |                           |     |      |           |          | Actual rate             | 19981.00 |
| <b>Rate per set Rs. 22978.15</b> |           |                           |     |      |           |          | 15% contractor overhead | 2997.15  |
|                                  |           |                           |     |      |           |          | Total (Rs.)             | 22978.15 |

**96 160 Amp MCCB 3P MCCB 36 KA**

|                                  | sources   | Level                     | Qty | Unit | Rate/unit | cost     | Total Cost              |          |
|----------------------------------|-----------|---------------------------|-----|------|-----------|----------|-------------------------|----------|
| 3096                             | labour    | skilled                   | 0   | nos  | 1185.00   | 0.00     | 0.00                    |          |
|                                  |           | Semi skilled              | 0   | nos  | 980.00    | 0.00     |                         |          |
|                                  |           | un skilled                | 0   | nos  | 870.00    | 0.00     |                         |          |
|                                  | materials | a. MCCB                   | 1   | nos  | 26559.00  | 26559.00 | 26559.00                |          |
|                                  |           | b. CM, Screws, Grips etc. | LS  |      |           |          |                         |          |
|                                  |           |                           |     |      |           |          |                         |          |
|                                  |           |                           |     |      |           |          | Actual rate             | 26559.00 |
| <b>Rate per set Rs. 30542.85</b> |           |                           |     |      |           |          | 15% contractor overhead | 3983.85  |
|                                  |           |                           |     |      |           |          | Total (Rs.)             | 30542.85 |

**97 200 Amp MCCB 3P MCCB 36 KA**

|                                  | sources   | Level                     | Qty | Unit | Rate/unit | cost     | Total Cost              |          |
|----------------------------------|-----------|---------------------------|-----|------|-----------|----------|-------------------------|----------|
| 3097                             | labour    | skilled                   | 0   | nos  | 1185.00   | 0.00     | 0.00                    |          |
|                                  |           | Semi skilled              | 0   | nos  | 980.00    | 0.00     |                         |          |
|                                  |           | un skilled                | 0   | nos  | 870.00    | 0.00     |                         |          |
|                                  | materials | a. MCCB                   | 1   | nos  | 31581.00  | 31581.00 | 31581.00                |          |
|                                  |           | c. CM, Screws, Grips etc. | LS  |      |           |          |                         |          |
|                                  |           |                           |     |      |           |          |                         |          |
|                                  |           |                           |     |      |           |          | Actual rate             | 31581.00 |
| <b>Rate per set Rs. 36318.15</b> |           |                           |     |      |           |          | 15% contractor overhead | 4737.15  |
|                                  |           |                           |     |      |           |          | Total (Rs.)             | 36318.15 |

**ELECTRICAL RATE ANALYSIS**

**98 400 Amp MCCB 3P MCCB 36 KA**

|                         | sources   | Level                     | Qty | Unit | Rate/unit | cost     | Total Cost |
|-------------------------|-----------|---------------------------|-----|------|-----------|----------|------------|
| 3098                    | labour    | skilled                   | 0   | nos  | 1185.00   | 0.00     | 0.00       |
|                         |           | Semi skilled              | 0   | nos  | 980.00    | 0.00     |            |
|                         |           | un skilled                | 0   | nos  | 870.00    | 0.00     |            |
|                         | materials | a.MCCB                    | 1   | nos  | 41258.00  | 41258.00 | 41258.00   |
|                         |           | b. CM, Screws, Grips etc. | LS  |      |           |          |            |
|                         |           |                           |     |      |           |          |            |
|                         |           |                           |     |      |           |          | 41258.00   |
| Actual rate             |           |                           |     |      |           |          | 41258.00   |
| 15% contractor overhead |           |                           |     |      |           |          | 6188.70    |
| Total (Rs.)             |           |                           |     |      |           |          | 47446.70   |

**Rate per set Rs. 47446.70**

**4P MCCB 36KA-Siemens,GE, Legrand, C&S or Eqv.**

**99 60 Amp MCCB 4P MCCB 36KA**

|                         | sources   | Level                     | Qty | Unit | Rate/unit | cost     | Total Cost |
|-------------------------|-----------|---------------------------|-----|------|-----------|----------|------------|
| 3099                    | labour    | skilled                   | 0   | nos  | 1185.00   | 0.00     | 0.00       |
|                         |           | Semi skilled              | 0   | nos  | 980.00    | 0.00     |            |
|                         |           | un skilled                | 0   | nos  | 870.00    | 0.00     |            |
|                         | materials | a. MCCB                   | 1   | nos  | 15712.00  | 15712.00 | 15712.00   |
|                         |           | b. CM, Screws, Grips etc. | LS  |      |           | 0.00     |            |
|                         |           |                           |     |      |           |          |            |
|                         |           |                           |     |      |           |          | 15712.00   |
| Actual rate             |           |                           |     |      |           |          | 15712.00   |
| 15% contractor overhead |           |                           |     |      |           |          | 2356.80    |
| Total (Rs.)             |           |                           |     |      |           |          | 18068.80   |

**Rate per set Rs. 18068.80**

**100 100 Amp MCCB 4P MCCB 36KA**

|                         | sources   | Level                     | Qty | Unit | Rate/unit | cost     | Total Cost |
|-------------------------|-----------|---------------------------|-----|------|-----------|----------|------------|
| 3100                    | labour    | skilled                   | 0   | nos  | 1185.00   | 0.00     | 0.00       |
|                         |           | Semi skilled              | 0   | nos  | 980.00    | 0.00     |            |
|                         |           | un skilled                | 0   | nos  | 870.00    | 0.00     |            |
|                         | materials | a.MCCB                    | 1   | nos  | 15712.00  | 15712.00 | 15712.00   |
|                         |           | b. CM, Screws, Grips etc. | LS  |      |           | 0.00     |            |
|                         |           |                           |     |      |           |          |            |
|                         |           |                           |     |      |           |          | 15712.00   |
| Actual rate             |           |                           |     |      |           |          | 15712.00   |
| 15% contractor overhead |           |                           |     |      |           |          | 2356.80    |
| Total (Rs.)             |           |                           |     |      |           |          | 18068.80   |

**Rate per set Rs. 18068.80**

**101 125 Amp MCCB 4P MCCB 36KA**

|                         | sources   | Level                     | Qty | Unit | Rate/unit | cost      | Total Cost |
|-------------------------|-----------|---------------------------|-----|------|-----------|-----------|------------|
| 3101                    | labour    | skilled                   | 0   | nos  | 1185.00   | 0.00      | 0.00       |
|                         |           | Semi skilled              | 0   | nos  | 980.00    | 0.00      |            |
|                         |           | un skilled                | 0   | nos  | 870.00    | 0.00      |            |
|                         | materials | a. MCCB                   | 1   | nos  | 244810.00 | 244810.00 | 244810.00  |
|                         |           | c. CM, Screws, Grips etc. | LS  |      |           |           |            |
|                         |           |                           |     |      |           |           |            |
|                         |           |                           |     |      |           |           | 244810.00  |
| Actual rate             |           |                           |     |      |           |           | 244810.00  |
| 15% contractor overhead |           |                           |     |      |           |           | 36721.50   |
| Total (Rs.)             |           |                           |     |      |           |           | 281531.50  |

**Rate per set Rs. 281531.50**

**ELECTRICAL RATE ANALYSIS**

**102 160 Amp MCCB 4P MCCB 36KA**

|                                  | sources   | Level                     | Qty | Unit | Rate/unit | cost     | Total Cost              |                 |
|----------------------------------|-----------|---------------------------|-----|------|-----------|----------|-------------------------|-----------------|
| 3102                             | labour    | skilled                   | 0   | nos  | 1185.00   | 0.00     | 0.00                    |                 |
|                                  |           | Semi skilled              | 0   | nos  | 980.00    | 0.00     |                         |                 |
|                                  |           | un skilled                | 0   | nos  | 870.00    | 0.00     |                         |                 |
|                                  | materials | a. MCCB                   | 1   | nos  | 31548.00  | 31548.00 | 31548.00                |                 |
|                                  |           | b. CM, Screws, Grips etc. | LS  |      |           |          |                         |                 |
|                                  |           |                           |     |      |           |          | Actual rate             | 31548.00        |
|                                  |           |                           |     |      |           |          | 15% contractor overhead | 4732.20         |
| <b>Rate per set Rs. 36280.20</b> |           |                           |     |      |           |          | Total (Rs.)             | <b>36280.20</b> |

**103 200 Amp MCCB 4P MCCB 36KA**

|                                  | sources   | Level                     | Qty | Unit | Rate/unit | cost     | Total Cost              |                 |
|----------------------------------|-----------|---------------------------|-----|------|-----------|----------|-------------------------|-----------------|
| 3103                             | labour    | skilled                   | 0   | nos  | 1185.00   | 0.00     | 0.00                    |                 |
|                                  |           | Semi skilled              | 0   | nos  | 980.00    | 0.00     |                         |                 |
|                                  |           | un skilled                | 0   | nos  | 870.00    | 0.00     |                         |                 |
|                                  | materials | a. MCCB                   | 1   | nos  | 38852.00  | 38852.00 | 38852.00                |                 |
|                                  |           | c. CM, Screws, Grips etc. | LS  |      |           |          |                         |                 |
|                                  |           |                           |     |      |           |          | Actual rate             | 38852.00        |
|                                  |           |                           |     |      |           |          | 15% contractor overhead | 5827.80         |
| <b>Rate per set Rs. 44679.80</b> |           |                           |     |      |           |          | Total (Rs.)             | <b>44679.80</b> |

**104 400 Amp MCCB 4P MCCB 36KA**

|                                  | sources   | Level                     | Qty | Unit | Rate/unit | cost     | Total Cost              |                 |
|----------------------------------|-----------|---------------------------|-----|------|-----------|----------|-------------------------|-----------------|
| 3104                             | labour    | skilled                   | 0   | nos  | 1185.00   | 0.00     | 0.00                    |                 |
|                                  |           | Semi skilled              | 0   | nos  | 980.00    | 0.00     |                         |                 |
|                                  |           | un skilled                | 0   | nos  | 870.00    | 0.00     |                         |                 |
|                                  | materials | a.MCCB                    | 1   | nos  | 52332.00  | 52332.00 | 52332.00                |                 |
|                                  |           | b. CM, Screws, Grips etc. | LS  |      |           |          |                         |                 |
|                                  |           |                           |     |      |           |          | Actual rate             | 52332.00        |
|                                  |           |                           |     |      |           |          | 15% contractor overhead | 7849.80         |
| <b>Rate per set Rs. 60181.80</b> |           |                           |     |      |           |          | Total (Rs.)             | <b>60181.80</b> |

**105 Volt Meter (0-500)**

|                                 | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |                |
|---------------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|----------------|
| 3000                            | labour    | skilled                   | 0   | nos  | 1185.00   | 0.00    | 0.00                    |                |
|                                 |           | Semi skilled              | 0   | nos  | 980.00    | 0.00    |                         |                |
|                                 |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |                |
|                                 | materials | a. Voltmeter              | 1   | nos  | 1068.00   | 1068.00 | 1068.00                 |                |
|                                 |           | c. CM, Screws, Grips etc. | LS  |      |           | 0.00    |                         |                |
|                                 |           |                           |     |      |           |         | Actual rate             | 1068.00        |
|                                 |           |                           |     |      |           |         | 15% contractor overhead | 160.20         |
| <b>Rate per set Rs. 1228.20</b> |           |                           |     |      |           |         | Total (Rs.)             | <b>1228.20</b> |

## ELECTRICAL RATE ANALYSIS

### 106 Amp. Meter (0-500)

|                                 | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |         |
|---------------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|---------|
| 3106                            | labour    | skilled                   | 0   | nos  | 1185.00   | 0.00    | 0.00                    |         |
|                                 |           | Semi skilled              | 0   | nos  | 980.00    | 0.00    |                         |         |
|                                 |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |         |
|                                 | materials | a. Amp.Meter              | 1   | nos  | 1022.00   | 1022.00 | 1022.00                 |         |
|                                 |           | b. CM, Screws, Grips etc. | LS  |      |           | 0.00    |                         |         |
|                                 |           |                           |     |      |           |         |                         |         |
|                                 |           |                           |     |      |           |         | Actual rate             | 1022.00 |
| <b>Rate per set Rs. 1175.30</b> |           |                           |     |      |           |         | 15% contractor overhead | 153.30  |
|                                 |           |                           |     |      |           |         | Total (Rs.)             | 1175.30 |

### 107 Indicator

|                                | sources   | Level                     | Qty | Unit | Rate/unit | cost   | Total Cost              |        |
|--------------------------------|-----------|---------------------------|-----|------|-----------|--------|-------------------------|--------|
| 3107                           | labour    | skilled                   | 0   | nos  | 1185.00   | 0.00   | 0.00                    |        |
|                                |           | Semi skilled              | 0   | nos  | 980.00    | 0.00   |                         |        |
|                                |           | un skilled                | 0   | nos  | 870.00    | 0.00   |                         |        |
|                                | materials | a. Indicator              | 1   | nos  | 247.00    | 247.00 | 247.00                  |        |
|                                |           | b. CM, Screws, Grips etc. | LS  |      |           | 0.00   |                         |        |
|                                |           |                           |     |      |           |        |                         |        |
|                                |           |                           |     |      |           |        | Actual rate             | 247.00 |
| <b>Rate per set Rs. 284.05</b> |           |                           |     |      |           |        | 15% contractor overhead | 37.05  |
|                                |           |                           |     |      |           |        | Total (Rs.)             | 284.05 |

### 108 Volt Meter Selector Switch

|                                | sources   | Level                     | Qty | Unit | Rate/unit | cost   | Total Cost              |        |
|--------------------------------|-----------|---------------------------|-----|------|-----------|--------|-------------------------|--------|
| 3108                           | labour    | skilled                   | 0   | nos  | 1185.00   | 0.00   | 0.00                    |        |
|                                |           | Semi skilled              | 0   | nos  | 980.00    | 0.00   |                         |        |
|                                |           | un skilled                | 0   | nos  | 870.00    | 0.00   |                         |        |
|                                | materials | a. Selector Switch        | 1   | nos  | 742.00    | 742.00 | 742.00                  |        |
|                                |           | b. CM, Screws, Grips etc. | LS  |      |           | 0.00   |                         |        |
|                                |           |                           |     |      |           |        |                         |        |
|                                |           |                           |     |      |           |        | Actual rate             | 742.00 |
| <b>Rate per set Rs. 853.30</b> |           |                           |     |      |           |        | 15% contractor overhead | 111.30 |
|                                |           |                           |     |      |           |        | Total (Rs.)             | 853.30 |

### 109 Ampere Meter Selector Switch

|                                | sources   | Level                     | Qty | Unit | Rate/unit | cost   | Total Cost              |        |
|--------------------------------|-----------|---------------------------|-----|------|-----------|--------|-------------------------|--------|
| 3109                           | labour    | skilled                   | 0   | nos  | 1185.00   | 0.00   | 0.00                    |        |
|                                |           | Semi skilled              | 0   | nos  | 980.00    | 0.00   |                         |        |
|                                |           | un skilled                | 0   | nos  | 870.00    | 0.00   |                         |        |
|                                | materials | a. Selector Switch        | 1   | nos  | 677.00    | 677.00 | 677.00                  |        |
|                                |           | b. CM, Screws, Grips etc. | LS  |      |           | 0.00   |                         |        |
|                                |           |                           |     |      |           |        |                         |        |
|                                |           |                           |     |      |           |        | Actual rate             | 677.00 |
| <b>Rate per set Rs. 778.55</b> |           |                           |     |      |           |        | 15% contractor overhead | 101.55 |
|                                |           |                           |     |      |           |        | Total (Rs.)             | 778.55 |

## ELECTRICAL RATE ANALYSIS

### 110 C.T.Coil

|                                 | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |                |
|---------------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|----------------|
| 3110                            | labour    | skilled                   | 0   | nos  | 1185.00   | 0.00    | 0.00                    |                |
|                                 |           | Semi skilled              | 0   | nos  | 980.00    | 0.00    |                         |                |
|                                 |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |                |
|                                 | materials | a. CT Coil                | 1   | nos  | 1495.00   | 1495.00 | 1495.00                 |                |
|                                 |           | b. CM, Screws, Grips etc. | LS  |      |           | 0.00    |                         |                |
|                                 |           |                           |     |      |           |         |                         |                |
|                                 |           |                           |     |      |           |         | Actual rate             | 1495.00        |
|                                 |           |                           |     |      |           |         | 15% contractor overhead | 224.25         |
| <b>Rate per set Rs. 1719.25</b> |           |                           |     |      |           |         | <b>Total (Rs.)</b>      | <b>1719.25</b> |

### 111 Single Phase Energy meter

|                                 | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |                |
|---------------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|----------------|
| 3111                            | labour    | skilled                   | 0   | nos  | 1185.00   | 0.00    | 0.00                    |                |
|                                 |           | Semi skilled              | 0   | nos  | 980.00    | 0.00    |                         |                |
|                                 |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |                |
|                                 | materials | a. Meter                  | 1   | nos  | 2372.00   | 2372.00 | 2372.00                 |                |
|                                 |           | b. CM, Screws, Grips etc. | LS  |      |           | 0.00    |                         |                |
|                                 |           |                           |     |      |           |         |                         |                |
|                                 |           |                           |     |      |           |         | Actual rate             | 2372.00        |
|                                 |           |                           |     |      |           |         | 15% contractor overhead | 355.80         |
| <b>Rate per set Rs. 2727.80</b> |           |                           |     |      |           |         | <b>Total (Rs.)</b>      | <b>2727.80</b> |

## Join Box Metal/PVC

### 112 Join Box Metal 4"x6"

|                                | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |                |
|--------------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|----------------|
| 3112                           | labour    | skilled                   | 0.5 | nos  | 1185.00   | 592.50  | 1572.50                 |                |
|                                |           | Semi skilled              | 1   | nos  | 980.00    | 980.00  |                         |                |
|                                |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |                |
|                                | materials | a. M.Box                  | 10  | nos  | 156.00    | 1560.00 | 2070.00                 |                |
|                                |           | b. CM, Screws, Grips etc. | 10  | LS   | 51.00     | 510.00  |                         |                |
|                                |           |                           |     |      |           |         |                         |                |
|                                |           |                           |     |      |           |         | Actual rate             | 3642.50        |
|                                |           |                           |     |      |           |         | 15% contractor overhead | 546.38         |
| <b>Rate per set Rs. 418.88</b> |           |                           |     |      |           |         | <b>Total (Rs.)</b>      | <b>4188.87</b> |

### 113 Join Box Metal 6"x8"

|                                | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |                |
|--------------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|----------------|
| 3113                           | labour    | skilled                   | 0.5 | nos  | 1185.00   | 592.50  | 1572.50                 |                |
|                                |           | Semi skilled              | 1   | nos  | 980.00    | 980.00  |                         |                |
|                                |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |                |
|                                | materials | a. M.Box                  | 10  | nos  | 247.00    | 2470.00 | 2980.00                 |                |
|                                |           | b. CM, Screws, Grips etc. | 10  | LS   | 51.00     | 510.00  |                         |                |
|                                |           |                           |     |      |           |         |                         |                |
|                                |           |                           |     |      |           |         | Actual rate             | 4552.50        |
|                                |           |                           |     |      |           |         | 15% contractor overhead | 682.88         |
| <b>Rate per set Rs. 523.53</b> |           |                           |     |      |           |         | <b>Total (Rs.)</b>      | <b>5235.37</b> |

## ELECTRICAL RATE ANALYSIS

### 114 Join Box Metal 8"x12"

|                                | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost |
|--------------------------------|-----------|---------------------------|-----|------|-----------|---------|------------|
| 3114                           | labour    | skilled                   | 0.5 | nos  | 1185.00   | 592.50  | 1572.50    |
|                                |           | Semi skilled              | 1   | nos  | 980.00    | 980.00  |            |
|                                |           | un skilled                | 0   | nos  | 870.00    | 0.00    |            |
|                                | materials | a. M.Box                  | 10  | nos  | 364.00    | 3640.00 | 4150.00    |
|                                |           | b. CM, Screws, Grips etc. | 10  | LS   | 51.00     | 510.00  |            |
|                                |           |                           |     |      |           |         |            |
|                                |           |                           |     |      |           |         | 5722.50    |
| <b>Rate per set Rs. 658.08</b> |           |                           |     |      |           |         | 858.38     |
|                                |           |                           |     |      |           |         | 6580.88    |

Actual rate  
15% contractor overhead  
Total (Rs.)

### 115 Join Box Metal 8"x10"

|                                | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost |
|--------------------------------|-----------|---------------------------|-----|------|-----------|---------|------------|
| 3115                           | labour    | skilled                   | 0.5 | nos  | 1185.00   | 592.50  | 1572.50    |
|                                |           | Semi skilled              | 1   | nos  | 980.00    | 980.00  |            |
|                                |           | un skilled                | 0   | nos  | 870.00    | 0.00    |            |
|                                | materials | a. M.Box                  | 10  | nos  | 364.00    | 3640.00 | 4150.00    |
|                                |           | b. CM, Screws, Grips etc. | 10  | LS   | 51.00     | 510.00  |            |
|                                |           |                           |     |      |           |         |            |
|                                |           |                           |     |      |           |         | 5722.50    |
| <b>Rate per set Rs. 658.08</b> |           |                           |     |      |           |         | 858.38     |
|                                |           |                           |     |      |           |         | 6580.88    |

Actual rate  
15% contractor overhead  
Total (Rs.)

### 116 Join Box PVC 4"x6"

|                                | sources   | Level                     | Qty | Unit | Rate/unit | cost   | Total Cost |
|--------------------------------|-----------|---------------------------|-----|------|-----------|--------|------------|
| 3116                           | labour    | skilled                   | 0.5 | nos  | 1185.00   | 592.50 | 1082.50    |
|                                |           | Semi skilled              | 0.5 | nos  | 980.00    | 490.00 |            |
|                                |           | un skilled                | 0   | nos  | 870.00    | 0.00   |            |
|                                | materials | a.PVC Box                 | 10  | nos  | 32.00     | 320.00 | 830.00     |
|                                |           | b. CM, Screws, Grips etc. | 10  | LS   | 51.00     | 510.00 |            |
|                                |           |                           |     |      |           |        |            |
|                                |           |                           |     |      |           |        | 1912.50    |
| <b>Rate per set Rs. 219.93</b> |           |                           |     |      |           |        | 286.88     |
|                                |           |                           |     |      |           |        | 2199.38    |

Actual rate  
15% contractor overhead  
Total (Rs.)

### 117 Join Box PVC 8"x10"

|                                | sources   | Level                     | Qty | Unit | Rate/unit | cost   | Total Cost |
|--------------------------------|-----------|---------------------------|-----|------|-----------|--------|------------|
| 3117                           | labour    | skilled                   | 0.5 | nos  | 1185.00   | 592.50 | 1082.50    |
|                                |           | Semi skilled              | 0.5 | nos  | 980.00    | 490.00 |            |
|                                |           | un skilled                | 0   | nos  | 870.00    | 0.00   |            |
|                                | materials | a.PVC Box                 | 10  | nos  | 69.00     | 690.00 | 1200.00    |
|                                |           | b. CM, Screws, Grips etc. | 10  | LS   | 51.00     | 510.00 |            |
|                                |           |                           |     |      |           |        |            |
|                                |           |                           |     |      |           |        | 2282.50    |
| <b>Rate per set Rs. 262.48</b> |           |                           |     |      |           |        | 342.38     |
|                                |           |                           |     |      |           |        | 2624.88    |

Actual rate  
15% contractor overhead  
Total (Rs.)

## ELECTRICAL RATE ANALYSIS

### MCB Geco ISI or equi.(Ordinary)

#### 118 6-32 Amp SP MCB

|                               | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost |
|-------------------------------|-----------|---------------------------|-----|------|-----------|---------|------------|
| 3118                          | labour    | skilled                   | 0   | nos  | 1185.00   | 0.00    | 0.00       |
|                               |           | Semi skilled              | 0   | nos  | 980.00    | 0.00    |            |
|                               |           | un skilled                | 0   | nos  | 870.00    | 0.00    |            |
|                               | materials | a. M.C.B                  | 10  | nos  | 172.00    | 1720.00 | 1720.00    |
|                               |           | b. CM, Screws, Grips etc. | LS  |      |           | 0.00    |            |
|                               |           |                           |     |      |           |         |            |
|                               |           |                           |     |      |           |         | 1720.00    |
| Actual rate                   |           |                           |     |      |           |         | 1720.00    |
| 15% contractor overhead       |           |                           |     |      |           |         | 258.00     |
| Total (Rs.)                   |           |                           |     |      |           |         | 1978.00    |
| <b>Rate pe Nos Rs. 197.80</b> |           |                           |     |      |           |         |            |

#### 119 6-32 Amp DP MCB

|                                | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost |
|--------------------------------|-----------|---------------------------|-----|------|-----------|---------|------------|
| 3119                           | labour    | skilled                   | 0   | nos  | 1185.00   | 0.00    | 0.00       |
|                                |           | Semi skilled              | 0   | nos  | 980.00    | 0.00    |            |
|                                |           | un skilled                | 0   | nos  | 870.00    | 0.00    |            |
|                                | materials | a. M.C.B                  | 10  | nos  | 645.00    | 6450.00 | 6450.00    |
|                                |           | b. CM, Screws, Grips etc. | LS  |      |           | 0.00    |            |
|                                |           |                           |     |      |           |         |            |
|                                |           |                           |     |      |           |         | 6450.00    |
| Actual rate                    |           |                           |     |      |           |         | 6450.00    |
| 15% contractor overhead        |           |                           |     |      |           |         | 967.50     |
| Total (Rs.)                    |           |                           |     |      |           |         | 7417.50    |
| <b>Rate per Nos Rs. 741.75</b> |           |                           |     |      |           |         |            |

#### 120 6-32 Amp TP MCB

|                                 | sources   | Level                     | Qty | Unit | Rate/unit | cost     | Total Cost |
|---------------------------------|-----------|---------------------------|-----|------|-----------|----------|------------|
| 3115                            | labour    | skilled                   | 0   | nos  | 1185.00   | 0.00     | 0.00       |
|                                 |           | Semi skilled              | 0   | nos  | 980.00    | 0.00     |            |
|                                 |           | un skilled                | 0   | nos  | 870.00    | 0.00     |            |
|                                 | materials | a. M.C.B                  | 10  | nos  | 1291.00   | 12910.00 | 12910.00   |
|                                 |           | b. CM, Screws, Grips etc. | LS  |      |           | 0.00     |            |
|                                 |           |                           |     |      |           |          |            |
|                                 |           |                           |     |      |           |          | 12910.00   |
| Actual rate                     |           |                           |     |      |           |          | 12910.00   |
| 15% contractor overhead         |           |                           |     |      |           |          | 1936.50    |
| Total (Rs.)                     |           |                           |     |      |           |          | 14846.50   |
| <b>Rate per Nos Rs. 1484.65</b> |           |                           |     |      |           |          |            |

#### 121 6-32 Amp TPN MCB

|                                 | sources   | Level                     | Qty | Unit | Rate/unit | cost     | Total Cost |
|---------------------------------|-----------|---------------------------|-----|------|-----------|----------|------------|
| 3116                            | labour    | skilled                   | 0   | nos  | 1185.00   | 0.00     | 0.00       |
|                                 |           | Semi skilled              | 0   | nos  | 980.00    | 0.00     |            |
|                                 |           | un skilled                | 0   | nos  | 870.00    | 0.00     |            |
|                                 | materials | a. M.C.B                  | 10  | nos  | 1560.00   | 15600.00 | 15600.00   |
|                                 |           | b. CM, Screws, Grips etc. | LS  |      |           | 0.00     |            |
|                                 |           |                           |     |      |           |          |            |
|                                 |           |                           |     |      |           |          | 15600.00   |
| Actual rate                     |           |                           |     |      |           |          | 15600.00   |
| 15% contractor overhead         |           |                           |     |      |           |          | 2340.00    |
| Total (Rs.)                     |           |                           |     |      |           |          | 17940.00   |
| <b>Rate per Nos Rs. 1794.00</b> |           |                           |     |      |           |          |            |

**ELECTRICAL RATE ANALYSIS**

**122 40-60 Amp SP MCB**

|                       | sources   | Level                     | Qty | Unit | Rate/unit | cost | Total Cost              |      |
|-----------------------|-----------|---------------------------|-----|------|-----------|------|-------------------------|------|
| 3117                  | labour    | skilled                   | 0   | nos  | 1185.00   | 0.00 | 0.00                    |      |
|                       |           | Semi skilled              | 0   | nos  | 980.00    | 0.00 |                         |      |
|                       |           | un skilled                | 0   | nos  | 870.00    | 0.00 |                         |      |
|                       | materials | a. M.C.B                  | 0   | nos  |           | 0.00 | 0.00                    |      |
|                       |           | b. CM, Screws, Grips etc. | LS  |      |           | 0.00 |                         |      |
|                       |           |                           |     |      |           |      | 0.00                    |      |
| Actual rate           |           |                           |     |      |           |      | 0.00                    |      |
| Rate per Nos Rs. 0.00 |           |                           |     |      |           |      | 15% contractor overhead | 0.00 |
| Total (Rs.)           |           |                           |     |      |           |      | 0.00                    |      |

**123 40-60 AmpDP MCB**

|                          | sources   | Level                     | Qty | Unit | Rate/unit | cost     | Total Cost              |         |
|--------------------------|-----------|---------------------------|-----|------|-----------|----------|-------------------------|---------|
| 3118                     | labour    | skilled                   | 0   | nos  | 1185.00   | 0.00     | 0.00                    |         |
|                          |           | Semi skilled              | 0   | nos  | 980.00    | 0.00     |                         |         |
|                          |           | un skilled                | 0   | nos  | 870.00    | 0.00     |                         |         |
|                          | materials | a. M.C.B                  | 10  | nos  | 1022.00   | 10220.00 | 10220.00                |         |
|                          |           | b. CM, Screws, Grips etc. | LS  |      |           | 0.00     |                         |         |
|                          |           |                           |     |      |           |          | 10220.00                |         |
| Actual rate              |           |                           |     |      |           |          | 10220.00                |         |
| Rate per Nos Rs. 1175.30 |           |                           |     |      |           |          | 15% contractor overhead | 1533.00 |
| Total (Rs.)              |           |                           |     |      |           |          | 11753.00                |         |

**124 40-60 Amp TP MCB**

|                          | sources   | Level                     | Qty | Unit | Rate/unit | cost     | Total Cost              |         |
|--------------------------|-----------|---------------------------|-----|------|-----------|----------|-------------------------|---------|
| 3119                     | labour    | skilled                   | 0   | nos  | 1185.00   | 0.00     | 0.00                    |         |
|                          |           | Semi skilled              | 0   | nos  | 980.00    | 0.00     |                         |         |
|                          |           | un skilled                | 0   | nos  | 870.00    | 0.00     |                         |         |
|                          | materials | a. M.C.B                  | 10  | nos  | 1452.00   | 14520.00 | 14520.00                |         |
|                          |           | b. CM, Screws, Grips etc. | LS  |      |           | 0.00     |                         |         |
|                          |           |                           |     |      |           |          | 14520.00                |         |
| Actual rate              |           |                           |     |      |           |          | 14520.00                |         |
| Rate per Nos Rs. 1669.80 |           |                           |     |      |           |          | 15% contractor overhead | 2178.00 |
| Total (Rs.)              |           |                           |     |      |           |          | 16698.00                |         |

**125 40-63 Amp TPN MCB**

|                          | sources   | Level                     | Qty | Unit | Rate/unit | cost     | Total Cost              |         |
|--------------------------|-----------|---------------------------|-----|------|-----------|----------|-------------------------|---------|
| 3120                     | labour    | skilled                   | 0   | nos  | 1185.00   | 0.00     | 0.00                    |         |
|                          |           | Semi skilled              | 0   | nos  | 980.00    | 0.00     |                         |         |
|                          |           | un skilled                | 0   | nos  | 870.00    | 0.00     |                         |         |
|                          | materials | a. M.C.B                  | 10  | nos  | 1936.00   | 19360.00 | 19360.00                |         |
|                          |           | b. CM, Screws, Grips etc. | LS  |      |           | 0.00     |                         |         |
|                          |           |                           |     |      |           |          | 19360.00                |         |
| Actual rate              |           |                           |     |      |           |          | 19360.00                |         |
| Rate per Nos Rs. 2226.40 |           |                           |     |      |           |          | 15% contractor overhead | 2904.00 |
| Total (Rs.)              |           |                           |     |      |           |          | 22264.00                |         |



## ELECTRICAL RATE ANALYSIS

MCB 10KA simens,MarlinGerlin,GE or ISI eqv.

### 126 6-32 Amp SP MCB

|                                | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |         |
|--------------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|---------|
| 3126                           | labour    | skilled                   | 0   | nos  | 1185.00   | 0.00    | 0.00                    |         |
|                                |           | Semi skilled              | 0   | nos  | 980.00    | 0.00    |                         |         |
|                                |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |         |
|                                | materials | a. M.C.B                  | 10  | nos  | 215.00    | 2150.00 | 2150.00                 |         |
|                                |           | b. CM, Screws, Grips etc. | LS  |      |           | 0.00    |                         |         |
|                                |           |                           |     |      |           |         |                         |         |
|                                |           |                           |     |      |           |         | Actual rate             | 2150.00 |
| <b>Rate per Nos Rs. 247.25</b> |           |                           |     |      |           |         | 15% contractor overhead | 322.50  |
|                                |           |                           |     |      |           |         | Total (Rs.)             | 2472.50 |

### 127 6-32 Amp DP MCB

|                                 | sources   | Level                     | Qty | Unit | Rate/unit | cost     | Total Cost              |          |
|---------------------------------|-----------|---------------------------|-----|------|-----------|----------|-------------------------|----------|
| 3127                            | labour    | skilled                   | 0   | nos  | 1185.00   | 0.00     | 0.00                    |          |
|                                 |           | Semi skilled              | 0   | nos  | 980.00    | 0.00     |                         |          |
|                                 |           | un skilled                | 0   | nos  | 870.00    | 0.00     |                         |          |
|                                 | materials | a. M.C.B                  | 10  | nos  | 1065.00   | 10650.00 | 10650.00                |          |
|                                 |           | b. CM, Screws, Grips etc. | LS  |      |           | 0.00     |                         |          |
|                                 |           |                           |     |      |           |          |                         |          |
|                                 |           |                           |     |      |           |          | Actual rate             | 10650.00 |
| <b>Rate per Nos Rs. 1224.75</b> |           |                           |     |      |           |          | 15% contractor overhead | 1597.50  |
|                                 |           |                           |     |      |           |          | Total (Rs.)             | 12247.50 |

### 128 6-32 Amp TP MCB

|                                 | sources   | Level                     | Qty | Unit | Rate/unit | cost     | Total Cost              |          |
|---------------------------------|-----------|---------------------------|-----|------|-----------|----------|-------------------------|----------|
| 3128                            | labour    | skilled                   | 0   | nos  | 1185.00   | 0.00     | 0.00                    |          |
|                                 |           | Semi skilled              | 0   | nos  | 980.00    | 0.00     |                         |          |
|                                 |           | un skilled                | 0   | nos  | 870.00    | 0.00     |                         |          |
|                                 | materials | a. M.C.B                  | 10  | nos  | 1744.00   | 17440.00 | 17440.00                |          |
|                                 |           | b. CM, Screws, Grips etc. | LS  |      |           | 0.00     |                         |          |
|                                 |           |                           |     |      |           |          |                         |          |
|                                 |           |                           |     |      |           |          | Actual rate             | 17440.00 |
| <b>Rate per Nos Rs. 2005.60</b> |           |                           |     |      |           |          | 15% contractor overhead | 2616.00  |
|                                 |           |                           |     |      |           |          | Total (Rs.)             | 20056.00 |

### 129 6-32 Amp TPN MCB

|                                 | sources   | Level                     | Qty | Unit | Rate/unit | cost     | Total Cost              |          |
|---------------------------------|-----------|---------------------------|-----|------|-----------|----------|-------------------------|----------|
| 3129                            | labour    | skilled                   | 0   | nos  | 1185.00   | 0.00     | 0.00                    |          |
|                                 |           | Semi skilled              | 0   | nos  | 980.00    | 0.00     |                         |          |
|                                 |           | un skilled                | 0   | nos  | 870.00    | 0.00     |                         |          |
|                                 | materials | a. M.C.B                  | 10  | nos  | 2235.00   | 22350.00 | 22350.00                |          |
|                                 |           | b. CM, Screws, Grips etc. | LS  |      |           | 0.00     |                         |          |
|                                 |           |                           |     |      |           |          |                         |          |
|                                 |           |                           |     |      |           |          | Actual rate             | 22350.00 |
| <b>Rate per Nos Rs. 2570.25</b> |           |                           |     |      |           |          | 15% contractor overhead | 3352.50  |
|                                 |           |                           |     |      |           |          | Total (Rs.)             | 25702.50 |

**ELECTRICAL RATE ANALYSIS**

**130 40Amp DP MCB**

|                         | sources   | Level                     | Qty | Unit | Rate/unit | cost     | Total Cost |
|-------------------------|-----------|---------------------------|-----|------|-----------|----------|------------|
| 3130                    | labour    | skilled                   | 0   | nos  | 1185.00   | 0.00     | 0.00       |
|                         |           | Semi skilled              | 0   | nos  | 980.00    | 0.00     |            |
|                         |           | un skilled                | 0   | nos  | 870.00    | 0.00     |            |
|                         | materials | a. M.C.B                  | 10  | nos  | 1671.00   | 16710.00 | 16710.00   |
|                         |           | b. CM, Screws, Grips etc. | LS  |      |           | 0.00     |            |
|                         |           |                           |     |      |           |          | 16710.00   |
| Actual rate             |           |                           |     |      |           |          | 16710.00   |
| 15% contractor overhead |           |                           |     |      |           |          | 2506.50    |
| Total (Rs.)             |           |                           |     |      |           |          | 19216.50   |

**Rate per Nos Rs. 1921.65**

**131 63 Amp DP MCB 10KA**

|                         | sources   | Level                     | Qty | Unit | Rate/unit | cost     | Total Cost |
|-------------------------|-----------|---------------------------|-----|------|-----------|----------|------------|
| 3131                    | labour    | skilled                   | 0   | nos  | 1185.00   | 0.00     | 0.00       |
|                         |           | Semi skilled              | 0   | nos  | 980.00    | 0.00     |            |
|                         |           | un skilled                | 0   | nos  | 870.00    | 0.00     |            |
|                         | materials | a. M.C.B                  | 10  | nos  | 1880.00   | 18800.00 | 18800.00   |
|                         |           | b. CM, Screws, Grips etc. | LS  |      |           | 0.00     |            |
|                         |           |                           |     |      |           |          | 18800.00   |
| Actual rate             |           |                           |     |      |           |          | 18800.00   |
| 15% contractor overhead |           |                           |     |      |           |          | 2820.00    |
| Total (Rs.)             |           |                           |     |      |           |          | 21620.00   |

**Rate per Nos Rs. 2162.00**

**132 40Amp TP MCB 10KA**

|                         | sources   | Level                     | Qty | Unit | Rate/unit | cost     | Total Cost |
|-------------------------|-----------|---------------------------|-----|------|-----------|----------|------------|
| 3132                    | labour    | skilled                   | 0   | nos  | 1185.00   | 0.00     | 0.00       |
|                         |           | Semi skilled              | 0   | nos  | 980.00    | 0.00     |            |
|                         |           | un skilled                | 0   | nos  | 870.00    | 0.00     |            |
|                         | materials | a. M.C.B                  | 10  | nos  | 2559.00   | 25590.00 | 25590.00   |
|                         |           | b. CM, Screws, Grips etc. | LS  |      |           | 0.00     |            |
|                         |           |                           |     |      |           |          | 25590.00   |
| Actual rate             |           |                           |     |      |           |          | 25590.00   |
| 15% contractor overhead |           |                           |     |      |           |          | 3838.50    |
| Total (Rs.)             |           |                           |     |      |           |          | 29428.50   |

**Rate per Nos Rs. 2942.85**

**133 50 Amp TP MCB**

|                         | sources   | Level                     | Qty | Unit | Rate/unit | cost | Total Cost |
|-------------------------|-----------|---------------------------|-----|------|-----------|------|------------|
| 3133                    | labour    | skilled                   | 0   | nos  | 1185.00   | 0.00 | 0.00       |
|                         |           | Semi skilled              | 0   | nos  | 980.00    | 0.00 |            |
|                         |           | un skilled                | 0   | nos  | 870.00    | 0.00 |            |
|                         | materials | a. M.C.B                  | 10  | nos  | 0.00      | 0.00 | 0.00       |
|                         |           | b. CM, Screws, Grips etc. | LS  |      |           | 0.00 |            |
|                         |           |                           |     |      |           |      | 0.00       |
| Actual rate             |           |                           |     |      |           |      | 0.00       |
| 15% contractor overhead |           |                           |     |      |           |      | 0.00       |
| Total (Rs.)             |           |                           |     |      |           |      | 0.00       |

**Rate per Nos Rs. 0.00**

**ELECTRICAL RATE ANALYSIS**

**134 63 Amp TP MCB 10KA**

|                                 | sources   | Level                     | Qty | Unit                    | Rate/unit | cost     | Total Cost |
|---------------------------------|-----------|---------------------------|-----|-------------------------|-----------|----------|------------|
| 3134                            | labour    | skilled                   | 0   | nos                     | 1185.00   | 0.00     | 0.00       |
|                                 |           | Semi skilled              | 0   | nos                     | 980.00    | 0.00     |            |
|                                 |           | un skilled                | 0   | nos                     | 870.00    | 0.00     |            |
|                                 | materials | a. M.C.B                  | 10  | nos                     | 2705.00   | 27050.00 | 27050.00   |
|                                 |           | b. CM, Screws, Grips etc. | LS  |                         |           | 0.00     |            |
|                                 |           |                           |     |                         |           |          | 27050.00   |
|                                 |           |                           |     |                         |           | 27050.00 |            |
| <b>Rate per Nos Rs. 3110.75</b> |           |                           |     | Actual rate             |           | 27050.00 |            |
|                                 |           |                           |     | 15% contractor overhead |           | 4057.50  |            |
|                                 |           |                           |     | Total (Rs.)             |           | 31107.50 |            |

**Distribution Board DB.Geco ISI or Equi.of Nepal.**

**135 4 Way SPN DB Double Cover**

|                                 | sources   | Level                     | Qty  | Unit                    | Rate/unit | cost    | Total Cost |
|---------------------------------|-----------|---------------------------|------|-------------------------|-----------|---------|------------|
| 3135                            | labour    | skilled                   | 0.5  | nos                     | 1185.00   | 592.50  | 1327.50    |
|                                 |           | Semi skilled              | 0.75 | nos                     | 980.00    | 735.00  |            |
|                                 |           | un skilled                | 0    | nos                     | 870.00    | 0.00    |            |
|                                 | materials | a. Cover                  | 1    | nos                     | 1130.00   | 1130.00 | 1175.00    |
|                                 |           | b. CM, Screws, Grips etc. | LS   |                         |           | 45.00   |            |
|                                 |           |                           |      |                         |           |         | 1175.00    |
|                                 |           |                           |      |                         |           | 2502.50 |            |
| <b>Rate per set Rs. 2877.87</b> |           |                           |      | Actual rate             |           | 2502.50 |            |
|                                 |           |                           |      | 15% contractor overhead |           | 375.38  |            |
|                                 |           |                           |      | Total (Rs.)             |           | 2877.87 |            |

**136 6 Way SPN DB Double Cover**

|                                 | sources   | Level                     | Qty  | Unit                    | Rate/unit | cost    | Total Cost |
|---------------------------------|-----------|---------------------------|------|-------------------------|-----------|---------|------------|
| 3136                            | labour    | skilled                   | 0.5  | nos                     | 1185.00   | 592.50  | 1327.50    |
|                                 |           | Semi skilled              | 0.75 | nos                     | 980.00    | 735.00  |            |
|                                 |           | un skilled                | 0    | nos                     | 870.00    | 0.00    |            |
|                                 | materials | a. Cover                  | 1    | nos                     | 1185.00   | 1185.00 | 1230.00    |
|                                 |           | b. CM, Screws, Grips etc. | LS   |                         |           | 45.00   |            |
|                                 |           |                           |      |                         |           |         | 1230.00    |
|                                 |           |                           |      |                         |           | 2557.50 |            |
| <b>Rate per set Rs. 2941.12</b> |           |                           |      | Actual rate             |           | 2557.50 |            |
|                                 |           |                           |      | 15% contractor overhead |           | 383.63  |            |
|                                 |           |                           |      | Total (Rs.)             |           | 2941.12 |            |

**137 8Way SPN DB Double Cover**

|                                 | sources   | Level                     | Qty  | Unit                    | Rate/unit | cost    | Total Cost |
|---------------------------------|-----------|---------------------------|------|-------------------------|-----------|---------|------------|
| 3137                            | labour    | skilled                   | 0.5  | nos                     | 1185.00   | 592.50  | 1327.50    |
|                                 |           | Semi skilled              | 0.75 | nos                     | 980.00    | 735.00  |            |
|                                 |           | un skilled                | 0    | nos                     | 870.00    | 0.00    |            |
|                                 | materials | a. Cover                  | 1    | nos                     | 1479.00   | 1479.00 | 1524.00    |
|                                 |           | b. CM, Screws, Grips etc. | LS   |                         |           | 45.00   |            |
|                                 |           |                           |      |                         |           |         | 1524.00    |
|                                 |           |                           |      |                         |           | 2851.50 |            |
| <b>Rate per set Rs. 3279.22</b> |           |                           |      | Actual rate             |           | 2851.50 |            |
|                                 |           |                           |      | 15% contractor overhead |           | 427.73  |            |
|                                 |           |                           |      | Total (Rs.)             |           | 3279.22 |            |

### ELECTRICAL RATE ANALYSIS

#### 138 12 Way SPN DB Double Cover

| sources                 | Level                     | Qty  | Unit | Rate/unit | cost    | Total Cost |
|-------------------------|---------------------------|------|------|-----------|---------|------------|
| 3138 labour             | skilled                   | 0.5  | nos  | 1185.00   | 592.50  | 1327.50    |
|                         | Semi skilled              | 0.75 | nos  | 980.00    | 735.00  |            |
|                         | un skilled                | 0    | nos  | 870.00    | 0.00    |            |
| materials               | a. Cover                  | 1    | nos  | 1753.00   | 1753.00 | 1798.00    |
|                         | b. CM, Screws, Grips etc. | LS   |      |           | 45.00   |            |
|                         |                           |      |      |           |         | 1798.00    |
| Actual rate             |                           |      |      |           |         | 3125.50    |
| 15% contractor overhead |                           |      |      |           |         | 468.83     |
| Total (Rs.)             |                           |      |      |           |         | 3594.32    |

**Rate per set Rs. 3594.32**

#### 139 16 Way SPN DB Double Cover

| sources                 | Level                     | Qty  | Unit | Rate/unit | cost    | Total Cost |
|-------------------------|---------------------------|------|------|-----------|---------|------------|
| 3139 labour             | skilled                   | 0.5  | nos  | 1185.00   | 592.50  | 1327.50    |
|                         | Semi skilled              | 0.75 | nos  | 980.00    | 735.00  |            |
|                         | un skilled                | 0    | nos  | 870.00    | 0.00    |            |
| materials               | a. Cover                  | 1    | nos  | 1874.00   | 1874.00 | 1919.00    |
|                         | b. CM, Screws, Grips etc. | LS   |      |           | 45.00   |            |
|                         |                           |      |      |           |         | 1919.00    |
| Actual rate             |                           |      |      |           |         | 3246.50    |
| 15% contractor overhead |                           |      |      |           |         | 486.98     |
| Total (Rs.)             |                           |      |      |           |         | 3733.47    |

**Rate per set Rs. 3733.47**

#### 140 3/4 Way TPN DB Double Cover

| sources                 | Level                     | Qty  | Unit | Rate/unit | cost    | Total Cost |
|-------------------------|---------------------------|------|------|-----------|---------|------------|
| 3140 labour             | skilled                   | 0.5  | nos  | 1185.00   | 592.50  | 1327.50    |
|                         | Semi skilled              | 0.75 | nos  | 980.00    | 735.00  |            |
|                         | un skilled                | 0    | nos  | 870.00    | 0.00    |            |
| materials               | a. Cover                  | 1    | nos  | 2786.00   | 2786.00 | 2831.00    |
|                         | b. CM, Screws, Grips etc. | LS   |      |           | 45.00   |            |
|                         |                           |      |      |           |         | 2831.00    |
| Actual rate             |                           |      |      |           |         | 4158.50    |
| 15% contractor overhead |                           |      |      |           |         | 623.78     |
| Total (Rs.)             |                           |      |      |           |         | 4782.27    |

**Rate per set Rs. 4782.27**

#### 141 6 Way TPN DB Double Cover

| sources                 | Level                     | Qty  | Unit | Rate/unit | cost    | Total Cost |
|-------------------------|---------------------------|------|------|-----------|---------|------------|
| 3141 labour             | skilled                   | 0.5  | nos  | 1185.00   | 592.50  | 1327.50    |
|                         | Semi skilled              | 0.75 | nos  | 980.00    | 735.00  |            |
|                         | un skilled                | 0    | nos  | 870.00    | 0.00    |            |
| materials               | a. Cover                  | 1    | nos  | 3131.00   | 3131.00 | 3176.00    |
|                         | b. CM, Screws, Grips etc. | LS   |      |           | 45.00   |            |
|                         |                           |      |      |           |         | 3176.00    |
| Actual rate             |                           |      |      |           |         | 4503.50    |
| 15% contractor overhead |                           |      |      |           |         | 675.53     |
| Total (Rs.)             |                           |      |      |           |         | 5179.02    |

**Rate per set Rs. 5179.02**

## ELECTRICAL RATE ANALYSIS

### 142 8 WayTPN DB Double Cover

|                                 | sources   | Level                     | Qty  | Unit | Rate/unit | cost    | Total Cost |
|---------------------------------|-----------|---------------------------|------|------|-----------|---------|------------|
| 3142                            | labour    | skilled                   | 0.5  | nos  | 1185.00   | 592.50  | 1327.50    |
|                                 |           | Semi skilled              | 0.75 | nos  | 980.00    | 735.00  |            |
|                                 |           | un skilled                | 0    | nos  | 870.00    | 0.00    |            |
|                                 | materials | a. Cover                  | 1    | nos  | 6057.00   | 6057.00 | 6102.00    |
|                                 |           | b. CM, Screws, Grips etc. | LS   |      |           | 45.00   |            |
|                                 |           |                           |      |      |           |         |            |
|                                 |           |                           |      |      |           |         | 7429.50    |
| <b>Rate per set Rs. 8543.92</b> |           |                           |      |      |           |         | 1114.43    |
|                                 |           |                           |      |      |           |         | 8543.92    |

Actual rate

15% contractor overhead

Total (Rs.)

### 143 50 Pair Telephone DB with Crown tag

|                                 | sources   | Level                     | Qty  | Unit | Rate/unit | cost    | Total Cost |
|---------------------------------|-----------|---------------------------|------|------|-----------|---------|------------|
| 3143                            | labour    | skilled                   | 0.5  | nos  | 1185.00   | 592.50  | 1327.50    |
|                                 |           | Semi skilled              | 0.75 | nos  | 980.00    | 735.00  |            |
|                                 |           | un skilled                | 0    | nos  | 870.00    | 0.00    |            |
|                                 | materials | a. Cover                  | 1    | nos  | 5688.00   | 5688.00 | 5733.00    |
|                                 |           | b. CM, Screws, Grips etc. | LS   |      |           | 45.00   |            |
|                                 |           |                           |      |      |           |         |            |
|                                 |           |                           |      |      |           |         | 7060.50    |
| <b>Rate per set Rs. 8119.57</b> |           |                           |      |      |           |         | 1059.08    |
|                                 |           |                           |      |      |           |         | 8119.57    |

Actual rate

15% contractor overhead

Total (Rs.)

Distribution Board 3 Phase double door system with neutral and earth connector two coat of red oxide paint with two coat of enamel paint.

### 144 4 wayTPN DB 14"x16"x5"

|                                  | sources   | Level                     | Qty  | Unit | Rate/unit | cost    | Total Cost |
|----------------------------------|-----------|---------------------------|------|------|-----------|---------|------------|
| 3144                             | labour    | skilled                   | 0.5  | nos  | 1185.00   | 592.50  | 1327.50    |
|                                  |           | Semi skilled              | 0.75 | nos  | 980.00    | 735.00  |            |
|                                  |           | un skilled                | 0    | nos  | 870.00    | 0.00    |            |
|                                  | materials | a. Cover                  | 1    | nos  | 7660.00   | 7660.00 | 7705.00    |
|                                  |           | b. CM, Screws, Grips etc. | LS   |      |           | 45.00   |            |
|                                  |           |                           |      |      |           |         |            |
|                                  |           |                           |      |      |           |         | 9032.50    |
| <b>Rate per set Rs. 10387.37</b> |           |                           |      |      |           |         | 1354.88    |
|                                  |           |                           |      |      |           |         | 10387.37   |

Actual rate

15% contractor overhead

Total (Rs.)

### 145 6 wayTPN DB 16"x18"x5"

|                                  | sources   | Level                     | Qty  | Unit | Rate/unit | cost    | Total Cost |
|----------------------------------|-----------|---------------------------|------|------|-----------|---------|------------|
| 3145                             | labour    | skilled                   | 0.5  | nos  | 1185.00   | 592.50  | 1327.50    |
|                                  |           | Semi skilled              | 0.75 | nos  | 980.00    | 735.00  |            |
|                                  |           | un skilled                | 0    | nos  | 870.00    | 0.00    |            |
|                                  | materials | a. Cover                  | 1    | nos  | 9539.00   | 9539.00 | 9584.00    |
|                                  |           | b. CM, Screws, Grips etc. | LS   |      |           | 45.00   |            |
|                                  |           |                           |      |      |           |         |            |
|                                  |           |                           |      |      |           |         | 10911.50   |
| <b>Rate per set Rs. 12548.22</b> |           |                           |      |      |           |         | 1636.73    |
|                                  |           |                           |      |      |           |         | 12548.22   |

Actual rate

15% contractor overhead

Total (Rs.)

### ELECTRICAL RATE ANALYSIS

#### 146 8 wayTPN DB 18"x20"x5"

| sources                 | Level                     | Qty  | Unit | Rate/unit | cost     | Total Cost |
|-------------------------|---------------------------|------|------|-----------|----------|------------|
| 3146 labour             | skilled                   | 0.5  | nos  | 1185.00   | 592.50   | 1327.50    |
|                         | Semi skilled              | 0.75 | nos  | 980.00    | 735.00   |            |
|                         | un skilled                | 0    | nos  | 870.00    | 0.00     |            |
| materials               | a. Cover                  | 1    | nos  | 11392.00  | 11392.00 | 11437.00   |
|                         | b. CM, Screws, Grips etc. | LS   |      |           | 45.00    |            |
|                         |                           |      |      |           |          | 12764.50   |
| Actual rate             |                           |      |      |           |          | 1914.68    |
| 15% contractor overhead |                           |      |      |           |          | 14679.17   |
| Total (Rs.)             |                           |      |      |           |          |            |

**Rate per set Rs. 14679.17**

#### 147 10 wayTPN DB 20"x22"x5"

| sources                 | Level                     | Qty  | Unit | Rate/unit | cost     | Total Cost |
|-------------------------|---------------------------|------|------|-----------|----------|------------|
| 3147 labour             | skilled                   | 0.5  | nos  | 1185.00   | 592.50   | 1327.50    |
|                         | Semi skilled              | 0.75 | nos  | 980.00    | 735.00   |            |
|                         | un skilled                | 0    | nos  | 870.00    | 0.00     |            |
| materials               | a. Cover                  | 1    | nos  | 11392.00  | 11392.00 | 11437.00   |
|                         | b. CM, Screws, Grips etc. | LS   |      |           | 45.00    |            |
|                         |                           |      |      |           |          | 12764.50   |
| Actual rate             |                           |      |      |           |          | 1914.68    |
| 15% contractor overhead |                           |      |      |           |          | 14679.17   |
| Total (Rs.)             |                           |      |      |           |          |            |

**Rate per set Rs. 14679.17**

#### 148 12 wayTPN DB 22"x24"x5"

| sources                 | Level                     | Qty  | Unit | Rate/unit | cost     | Total Cost |
|-------------------------|---------------------------|------|------|-----------|----------|------------|
| 3148 labour             | skilled                   | 0.5  | nos  | 1185.00   | 592.50   | 1327.50    |
|                         | Semi skilled              | 0.75 | nos  | 980.00    | 735.00   |            |
|                         | un skilled                | 0    | nos  | 870.00    | 0.00     |            |
| materials               | a. Cover                  | 1    | nos  | 17062.00  | 17062.00 | 17107.00   |
|                         | b. CM, Screws, Grips etc. | LS   |      |           | 45.00    |            |
|                         |                           |      |      |           |          | 18434.50   |
| Actual rate             |                           |      |      |           |          | 2765.18    |
| 15% contractor overhead |                           |      |      |           |          | 21199.68   |
| Total (Rs.)             |                           |      |      |           |          |            |

**Rate per set Rs. 21199.68**

#### 149 14-16 wayTPN DB 24"x26"x5"

| sources                 | Level                     | Qty  | Unit | Rate/unit | cost     | Total Cost |
|-------------------------|---------------------------|------|------|-----------|----------|------------|
| 3149 labour             | skilled                   | 0.5  | nos  | 1185.00   | 592.50   | 1327.50    |
|                         | Semi skilled              | 0.75 | nos  | 980.00    | 735.00   |            |
|                         | un skilled                | 0    | nos  | 870.00    | 0.00     |            |
| materials               | a. Cover                  | 1    | nos  | 21152.00  | 21152.00 | 21197.00   |
|                         | b. CM, Screws, Grips etc. | LS   |      |           | 45.00    |            |
|                         |                           |      |      |           |          | 22524.50   |
| Actual rate             |                           |      |      |           |          | 3378.68    |
| 15% contractor overhead |                           |      |      |           |          | 25903.17   |
| Total (Rs.)             |                           |      |      |           |          |            |

**Rate per set Rs. 25903.17**

## ELECTRICAL RATE ANALYSIS

**Fan: Crompton/ Almonard/Bajaj or equivalent.**

### 150 36" Ceiling Fan

|                                 | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |         |
|---------------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|---------|
| 3150                            | labour    | skilled                   | 0.5 | nos  | 1185.00   | 592.50  | 1082.50                 |         |
|                                 |           | Semi skilled              | 0.5 | nos  | 980.00    | 490.00  |                         |         |
|                                 |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |         |
|                                 | materials | a. Fan                    | 1   | nos  | 2259.00   | 2259.00 | 2379.00                 |         |
|                                 |           | b. Iron clamps            | LS  |      |           | 60.00   |                         |         |
|                                 |           | c. Ceiling rose           | 1   | nos  | 35.00     | 35.00   |                         |         |
|                                 |           | d. CM, Screws, Grips etc. | LS  |      |           | 25.00   |                         |         |
|                                 |           |                           |     |      |           |         |                         |         |
|                                 |           |                           |     |      |           |         | 3461.50                 |         |
| <b>Rate per set Rs. 3980.72</b> |           |                           |     |      |           |         | 15% contractor overhead | 519.23  |
|                                 |           |                           |     |      |           |         | Total (Rs.)             | 3980.72 |

Actual rate

15% contractor overhead

Total (Rs.)

### 151 42" Ceiling Fan

|                                 | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |         |
|---------------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|---------|
| 3151                            | labour    | skilled                   | 0.5 | nos  | 1185.00   | 592.50  | 1082.50                 |         |
|                                 |           | Semi skilled              | 0.5 | nos  | 980.00    | 490.00  |                         |         |
|                                 |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |         |
|                                 | materials | a. Fan                    | 1   | nos  | 2366.00   | 2366.00 | 2486.00                 |         |
|                                 |           | b. Iron clamps            | LS  |      |           | 60.00   |                         |         |
|                                 |           | c. Ceiling rose           | 1   | nos  | 35.00     | 35.00   |                         |         |
|                                 |           | d. CM, Screws, Grips etc. | LS  |      |           | 25.00   |                         |         |
|                                 |           |                           |     |      |           |         |                         |         |
|                                 |           |                           |     |      |           |         | 3568.50                 |         |
| <b>Rate per set Rs. 4103.77</b> |           |                           |     |      |           |         | 15% contractor overhead | 535.28  |
|                                 |           |                           |     |      |           |         | Total (Rs.)             | 4103.77 |

Actual rate

15% contractor overhead

Total (Rs.)

### 152 48" Ceiling Fan

|                                 | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |         |
|---------------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|---------|
| 3152                            | labour    | skilled                   | 0.5 | nos  | 1185.00   | 592.50  | 1082.50                 |         |
|                                 |           | Semi skilled              | 0.5 | nos  | 980.00    | 490.00  |                         |         |
|                                 |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |         |
|                                 | materials | a. Fan                    | 1   | nos  | 2151.00   | 2151.00 | 2271.00                 |         |
|                                 |           | b. Iron clamps            | LS  |      |           | 60.00   |                         |         |
|                                 |           | c. Ceiling rose           | 1   | nos  | 35.00     | 35.00   |                         |         |
|                                 |           | d. CM, Screws, Grips etc. | LS  |      |           | 25.00   |                         |         |
|                                 |           |                           |     |      |           |         |                         |         |
|                                 |           |                           |     |      |           |         | 3353.50                 |         |
| <b>Rate per set Rs. 3856.52</b> |           |                           |     |      |           |         | 15% contractor overhead | 503.03  |
|                                 |           |                           |     |      |           |         | Total (Rs.)             | 3856.52 |

Actual rate

15% contractor overhead

Total (Rs.)

### 153 56" Ceiling Fan

|                                 | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |         |
|---------------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|---------|
| 3153                            | labour    | skilled                   | 0.5 | nos  | 1185.00   | 592.50  | 1082.50                 |         |
|                                 |           | Semi skilled              | 0.5 | nos  | 980.00    | 490.00  |                         |         |
|                                 |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |         |
|                                 | materials | a. Fan                    | 1   | nos  | 2689.00   | 2689.00 | 2809.00                 |         |
|                                 |           | b. Iron clamps            | LS  |      |           | 60.00   |                         |         |
|                                 |           | c. Ceiling rose           | 1   | nos  | 35.00     | 35.00   |                         |         |
|                                 |           | d. CM, Screws, Grips etc. | LS  |      |           | 25.00   |                         |         |
|                                 |           |                           |     |      |           |         |                         |         |
|                                 |           |                           |     |      |           |         | 3891.50                 |         |
| <b>Rate per set Rs. 4475.22</b> |           |                           |     |      |           |         | 15% contractor overhead | 583.73  |
|                                 |           |                           |     |      |           |         | Total (Rs.)             | 4475.22 |

Actual rate

15% contractor overhead

Total (Rs.)

## ELECTRICAL RATE ANALYSIS

### 154 16" Wall Fan

|                          | sources   | Level                     | Qty  | Unit | Rate/unit | cost    | Total Cost              |        |
|--------------------------|-----------|---------------------------|------|------|-----------|---------|-------------------------|--------|
| 3154                     | labour    | skilled                   | 0.25 | nos  | 1185.00   | 296.25  | 541.25                  |        |
|                          |           | Semi skilled              | 0.25 | nos  | 980.00    | 245.00  |                         |        |
|                          |           | un skilled                | 0    | nos  | 870.00    | 0.00    |                         |        |
|                          | materials | a. Fan                    | 1    | nos  | 2959.00   | 2959.00 | 2977.00                 |        |
|                          |           | b. CM, Screws, Grips etc. | LS   |      |           | 18.00   |                         |        |
|                          |           |                           |      |      |           |         |                         |        |
| Actual rate              |           |                           |      |      |           |         | 3518.25                 |        |
| Rate per set Rs. 4045.98 |           |                           |      |      |           |         | 15% contractor overhead | 527.74 |
| Total (Rs.)              |           |                           |      |      |           |         | 4045.98                 |        |

### 155 6" Exhaust fan

|                          | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |        |
|--------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|--------|
| 3155                     | labour    | skilled                   | 1   | nos  | 1185.00   | 1185.00 | 2165.00                 |        |
|                          |           | Semi skilled              | 1   | nos  | 980.00    | 980.00  |                         |        |
|                          |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |        |
|                          | materials | a. Fan                    | 1   | nos  | 1560.00   | 1560.00 | 1748.00                 |        |
|                          |           | b. Wooden Frame           | 1   | LS   | 100.00    | 100.00  |                         |        |
|                          |           | c. Nut bolts              | 4   | nos  | LS        | 50.00   |                         |        |
|                          |           | d. CM, Cement Paints etc. | LS  |      |           | 38.00   |                         |        |
| Actual rate              |           |                           |     |      |           |         | 3913.00                 |        |
| Rate per set Rs. 4499.95 |           |                           |     |      |           |         | 15% contractor overhead | 586.95 |
| Total (Rs.)              |           |                           |     |      |           |         | 4499.95                 |        |

### 156 9" Exhaust Fan

|                          | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |        |
|--------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|--------|
| 3156                     | labour    | skilled                   | 1   | nos  | 1185.00   | 1185.00 | 2165.00                 |        |
|                          |           | Semi skilled              | 1   | nos  | 980.00    | 980.00  |                         |        |
|                          |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |        |
|                          | materials | a. Fan                    | 1   | nos  | 2365.00   | 2365.00 | 2553.00                 |        |
|                          |           | b. Wooden Frame           | 1   | LS   | 100.00    | 100.00  |                         |        |
|                          |           | c. Nut bolts              | 4   | nos  | LS        | 50.00   |                         |        |
|                          |           | d. CM, Cement Paints etc. | LS  |      |           | 38.00   |                         |        |
| Actual rate              |           |                           |     |      |           |         | 4718.00                 |        |
| Rate per set Rs. 5425.70 |           |                           |     |      |           |         | 15% contractor overhead | 707.70 |
| Total (Rs.)              |           |                           |     |      |           |         | 5425.70                 |        |

### 157 12" Exhaust Fan

|                          | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |        |
|--------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|--------|
| 3157                     | labour    | skilled                   | 1   | nos  | 1185.00   | 1185.00 | 2165.00                 |        |
|                          |           | Semi skilled              | 1   | nos  | 980.00    | 980.00  |                         |        |
|                          |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |        |
|                          | materials | a. Fan                    | 1   | nos  | 2736.00   | 2736.00 | 2924.00                 |        |
|                          |           | b. Wooden Frame           | 1   | LS   | 100.00    | 100.00  |                         |        |
|                          |           | c. Nut bolts              | 4   | nos  | LS        | 50.00   |                         |        |
|                          |           | d. CM, Cement Paints etc. | LS  |      |           | 38.00   |                         |        |
| Actual rate              |           |                           |     |      |           |         | 5089.00                 |        |
| Rate per set Rs. 5852.35 |           |                           |     |      |           |         | 15% contractor overhead | 763.35 |
| Total (Rs.)              |           |                           |     |      |           |         | 5852.35                 |        |



## ELECTRICAL RATE ANALYSIS

### General Fittings

#### 158 Dome Light 6" Milky Type Heavy Carrier(decorative)

|                                | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |         |
|--------------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|---------|
| 3158                           | labour    | skilled                   | 0.5 | nos  | 1185.00   | 592.50  | 1082.50                 |         |
|                                |           | Semi skilled              | 0.5 | nos  | 980.00    | 490.00  |                         |         |
|                                |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |         |
|                                | materials | a. D Light                | 10  | nos  | 188.00    | 1880.00 | 2200.00                 |         |
|                                |           | b. CM, Screws, Grips etc. | 10  | nos  | 32.00     | 320.00  |                         |         |
|                                |           |                           |     |      |           |         |                         |         |
|                                |           |                           |     |      |           |         | Actual rate             | 3282.50 |
| <b>Rate per set Rs. 377.48</b> |           |                           |     |      |           |         | 15% contractor overhead | 492.38  |
|                                |           |                           |     |      |           |         | Total (Rs.)             | 3774.88 |

#### 159 Dome Light 6" Brass Base(decorative)

|                                 | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |          |
|---------------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|----------|
| 3159                            | labour    | skilled                   | 1   | nos  | 1185.00   | 1185.00 | 2165.00                 |          |
|                                 |           | Semi skilled              | 1   | nos  | 980.00    | 980.00  |                         |          |
|                                 |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |          |
|                                 | materials | a. D Light                | 10  | nos  | 768.00    | 7680.00 | 8000.00                 |          |
|                                 |           | b. CM, Screws, Grips etc. | 10  | nos  | 32.00     | 320.00  |                         |          |
|                                 |           |                           |     |      |           |         |                         |          |
|                                 |           |                           |     |      |           |         | Actual rate             | 10165.00 |
| <b>Rate per set Rs. 1168.97</b> |           |                           |     |      |           |         | 15% contractor overhead | 1524.75  |
|                                 |           |                           |     |      |           |         | Total (Rs.)             | 11689.75 |

#### 160 Dome Light 8" Milky Type Heavy Carrier(decorative)

|                                | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |         |
|--------------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|---------|
| 3160                           | labour    | skilled                   | 0.5 | nos  | 1185.00   | 592.50  | 1082.50                 |         |
|                                |           | Semi skilled              | 0.5 | nos  | 980.00    | 490.00  |                         |         |
|                                |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |         |
|                                | materials | a. D Light                | 10  | nos  | 237.00    | 2370.00 | 2690.00                 |         |
|                                |           | b. CM, Screws, Grips etc. | 10  | nos  | 32.00     | 320.00  |                         |         |
|                                |           |                           |     |      |           |         |                         |         |
|                                |           |                           |     |      |           |         | Actual rate             | 3772.50 |
| <b>Rate per set Rs. 433.83</b> |           |                           |     |      |           |         | 15% contractor overhead | 565.88  |
|                                |           |                           |     |      |           |         | Total (Rs.)             | 4338.38 |

#### 161 Dome Light 8" Brass Base (decorative)

|                                 | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |          |
|---------------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|----------|
| 3161                            | labour    | skilled                   | 0.5 | nos  | 1185.00   | 592.50  | 1082.50                 |          |
|                                 |           | Semi skilled              | 0.5 | nos  | 980.00    | 490.00  |                         |          |
|                                 |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |          |
|                                 | materials | a. D Light                | 10  | nos  | 914.00    | 9140.00 | 9460.00                 |          |
|                                 |           | b. CM, Screws, Grips etc. | 10  | nos  | 32.00     | 320.00  |                         |          |
|                                 |           |                           |     |      |           |         |                         |          |
|                                 |           |                           |     |      |           |         | Actual rate             | 10542.50 |
| <b>Rate per set Rs. 1212.38</b> |           |                           |     |      |           |         | 15% contractor overhead | 1581.38  |
|                                 |           |                           |     |      |           |         | Total (Rs.)             | 12123.88 |

### ELECTRICAL RATE ANALYSIS

#### 162 1\*11 Watt FCL Down Light (conceal light)

|                                 | sources   | Level                     | Qty | Unit | Rate/unit | cost     | Total Cost              |          |
|---------------------------------|-----------|---------------------------|-----|------|-----------|----------|-------------------------|----------|
| 3162                            | labour    | skilled                   | 0.5 | nos  | 1185.00   | 592.50   | 1082.50                 |          |
|                                 |           | Semi skilled              | 0.5 | nos  | 980.00    | 490.00   |                         |          |
|                                 |           | un skilled                | 0   | nos  | 870.00    | 0.00     |                         |          |
|                                 | materials | a. D Light                | 10  | nos  | 1011.00   | 10110.00 | 10430.00                |          |
|                                 |           | b. CM, Screws, Grips etc. | 10  | nos  | 32.00     | 320.00   |                         |          |
|                                 |           |                           |     |      |           |          |                         |          |
|                                 |           |                           |     |      |           |          | Actual rate             | 11512.50 |
| <b>Rate per set Rs. 1323.93</b> |           |                           |     |      |           |          | 15% contractor overhead | 1726.88  |
|                                 |           |                           |     |      |           |          | Total (Rs.)             | 13239.38 |

#### 163 Wall Bracket/Spot Light/Mirror Light ( ordinary)

|                                | sources   | Level                      | Qty | Unit | Rate/unit | cost    | Total Cost              |         |
|--------------------------------|-----------|----------------------------|-----|------|-----------|---------|-------------------------|---------|
| 3163                           | labour    | skilled                    | 0.5 | nos  | 1185.00   | 592.50  | 1082.50                 |         |
|                                |           | Semi skilled               | 0.5 | nos  | 980.00    | 490.00  |                         |         |
|                                |           | un skilled                 | 0   | nos  | 870.00    | 0.00    |                         |         |
|                                | materials | a. Wall/S.light/Bulk Light | 10  | nos  | 242.00    | 2420.00 | 2740.00                 |         |
|                                |           | b. CM, Screws, Grips etc.  | 10  | nos  | 32.00     | 320.00  |                         |         |
|                                |           |                            |     |      |           |         |                         |         |
|                                |           |                            |     |      |           |         | Actual rate             | 3822.50 |
| <b>Rate per set Rs. 439.58</b> |           |                            |     |      |           |         | 15% contractor overhead | 573.38  |
|                                |           |                            |     |      |           |         | Total (Rs.)             | 4395.88 |

#### 164 Bulk head Single Direct Ord. Decon

|                                | sources   | Level                      | Qty | Unit | Rate/unit | cost    | Total Cost              |         |
|--------------------------------|-----------|----------------------------|-----|------|-----------|---------|-------------------------|---------|
| 3164                           | labour    | skilled                    | 0.5 | nos  | 1185.00   | 592.50  | 1082.50                 |         |
|                                |           | Semi skilled               | 0.5 | nos  | 980.00    | 490.00  |                         |         |
|                                |           | un skilled                 | 0   | nos  | 870.00    | 0.00    |                         |         |
|                                | materials | a. Wall/S.light/Bulk Light | 10  | nos  | 377.00    | 3770.00 | 4090.00                 |         |
|                                |           | b. CM, Screws, Grips etc.  | 10  | nos  | 32.00     | 320.00  |                         |         |
|                                |           |                            |     |      |           |         |                         |         |
|                                |           |                            |     |      |           |         | Actual rate             | 5172.50 |
| <b>Rate per set Rs. 594.83</b> |           |                            |     |      |           |         | 15% contractor overhead | 775.88  |
|                                |           |                            |     |      |           |         | Total (Rs.)             | 5948.38 |

#### 165 Wall Bracket/Spot Light/Mirror Light best quality Homedec,Decon or ISI eqv.

|                                 | sources   | Level                      | Qty | Unit | Rate/unit | cost    | Total Cost              |          |
|---------------------------------|-----------|----------------------------|-----|------|-----------|---------|-------------------------|----------|
| 3165                            | labour    | skilled                    | 0.5 | nos  | 1185.00   | 592.50  | 1082.50                 |          |
|                                 |           | Semi skilled               | 0.5 | nos  | 980.00    | 490.00  |                         |          |
|                                 |           | un skilled                 | 0   | nos  | 870.00    | 0.00    |                         |          |
|                                 | materials | a. Wall/S.light/Bulk Light | 10  | nos  | 860.00    | 8600.00 | 8920.00                 |          |
|                                 |           | b. CM, Screws, Grips etc.  | 10  | nos  | 32.00     | 320.00  |                         |          |
|                                 |           |                            |     |      |           |         |                         |          |
|                                 |           |                            |     |      |           |         | Actual rate             | 10002.50 |
| <b>Rate per set Rs. 1150.28</b> |           |                            |     |      |           |         | 15% contractor overhead | 1500.38  |
|                                 |           |                            |     |      |           |         | Total (Rs.)             | 11502.88 |

### ELECTRICAL RATE ANALYSIS

#### 166 Dome light 8" Silver Cast Milky Base Decorative set Homedec,DECON or ISI Eqv.

| sources                         | Level                     | Qty | Unit | Rate/unit | cost     | Total Cost |
|---------------------------------|---------------------------|-----|------|-----------|----------|------------|
| 3166 labour                     | skilled                   | 0.5 | nos  | 1185.00   | 592.50   | 1082.50    |
|                                 | Semi skilled              | 0.5 | nos  | 980.00    | 490.00   |            |
|                                 | un skilled                | 0   | nos  | 870.00    | 0.00     |            |
| materials                       | a. D Light                | 10  | nos  | 1156.00   | 11560.00 | 11880.00   |
|                                 | b. CM, Screws, Grips etc. | 10  | nos  | 32.00     | 320.00   |            |
|                                 |                           |     |      |           |          | 12962.50   |
| Actual rate                     |                           |     |      |           |          | 1944.38    |
| 15% contractor overhead         |                           |     |      |           |          | 14906.88   |
| Total (Rs.)                     |                           |     |      |           |          |            |
| <b>Rate per set Rs. 1490.68</b> |                           |     |      |           |          |            |

#### 167 Dome light 8" Black Cast Milky Base Decorative set Homedec,DECON or ISI Eqv.

| sources                        | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost |
|--------------------------------|---------------------------|-----|------|-----------|---------|------------|
| 3167 labour                    | skilled                   | 0.5 | nos  | 1185.00   | 592.50  | 1082.50    |
|                                | Semi skilled              | 0.5 | nos  | 980.00    | 490.00  |            |
|                                | un skilled                | 0   | nos  | 870.00    | 0.00    |            |
| materials                      | a. D Light                | 10  | nos  | 592.00    | 5920.00 | 6240.00    |
|                                | b. CM, Screws, Grips etc. | 10  | nos  | 32.00     | 320.00  |            |
|                                |                           |     |      |           |         | 7322.50    |
| Actual rate                    |                           |     |      |           |         | 1098.38    |
| 15% contractor overhead        |                           |     |      |           |         | 8420.88    |
| Total (Rs.)                    |                           |     |      |           |         |            |
| <b>Rate per set Rs. 842.08</b> |                           |     |      |           |         |            |

#### 168 Bollard Graden light Medium size Homedec,DECON or ISI eqv.

| sources                         | Level                     | Qty | Unit | Rate/unit | cost     | Total Cost |
|---------------------------------|---------------------------|-----|------|-----------|----------|------------|
| 3168 labour                     | skilled                   | 1   | nos  | 1185.00   | 1185.00  | 2165.00    |
|                                 | Semi skilled              | 1   | nos  | 980.00    | 980.00   |            |
|                                 | un skilled                | 0   | nos  | 870.00    | 0.00     |            |
| materials                       | a. D.Light                | 10  | nos  | 3227.00   | 32270.00 | 33320.00   |
|                                 | b. CM, Screws, Grips etc. | 10  | nos  | 105.00    | 1050.00  |            |
|                                 |                           |     |      |           |          | 35485.00   |
| Actual rate                     |                           |     |      |           |          | 5322.75    |
| 15% contractor overhead         |                           |     |      |           |          | 40807.75   |
| Total (Rs.)                     |                           |     |      |           |          |            |
| <b>Rate per set Rs. 4080.77</b> |                           |     |      |           |          |            |

#### 169 Bollard Graden light Full size Homedec,DECON or ISI eqv.

| sources                         | Level                     | Qty | Unit | Rate/unit | cost     | Total Cost |
|---------------------------------|---------------------------|-----|------|-----------|----------|------------|
| 3169 labour                     | skilled                   | 1   | nos  | 1185.00   | 1185.00  | 2165.00    |
|                                 | Semi skilled              | 1   | nos  | 980.00    | 980.00   |            |
|                                 | un skilled                | 0   | nos  | 870.00    | 0.00     |            |
| materials                       | a. D.Light                | 10  | nos  | 3630.00   | 36300.00 | 37350.00   |
|                                 | b. CM, Screws, Grips etc. | 10  | nos  | 105.00    | 1050.00  |            |
|                                 |                           |     |      |           |          | 39515.00   |
| Actual rate                     |                           |     |      |           |          | 5927.25    |
| 15% contractor overhead         |                           |     |      |           |          | 45442.25   |
| Total (Rs.)                     |                           |     |      |           |          |            |
| <b>Rate per set Rs. 4544.22</b> |                           |     |      |           |          |            |

### ELECTRICAL RATE ANALYSIS

#### 170 8" Globe type Post top lamp complete set Homedec,DECON or ISI eqv..

| sources                 | Level                     | Qty | Unit | Rate/unit | cost     | Total Cost |
|-------------------------|---------------------------|-----|------|-----------|----------|------------|
| 3170 labour             | skilled                   | 1   | nos  | 1185.00   | 1185.00  | 2165.00    |
|                         | Semi skilled              | 1   | nos  | 980.00    | 980.00   |            |
|                         | un skilled                | 0   | nos  | 870.00    | 0.00     |            |
| materials               | a. D.Light                | 10  | nos  | 1479.00   | 14790.00 | 15840.00   |
|                         | b. CM, Screws, Grips etc. | 10  | nos  | 105.00    | 1050.00  |            |
|                         |                           |     |      |           |          | 18005.00   |
| Actual rate             |                           |     |      |           |          | 2700.75    |
| 15% contractor overhead |                           |     |      |           |          | 20705.75   |
| Total (Rs.)             |                           |     |      |           |          |            |

**Rate per set Rs. 2070.57**

#### 171 10" Globe type Post top lamp complete set Homedec,DECON or ISI eqv..

| sources                 | Level                     | Qty | Unit | Rate/unit | cost     | Total Cost |
|-------------------------|---------------------------|-----|------|-----------|----------|------------|
| 3171 labour             | skilled                   | 1   | nos  | 1185.00   | 1185.00  | 2165.00    |
|                         | Semi skilled              | 1   | nos  | 980.00    | 980.00   |            |
|                         | un skilled                | 0   | nos  | 870.00    | 0.00     |            |
| materials               | a. D.Light                | 10  | nos  | 2824.00   | 28240.00 | 29290.00   |
|                         | b. CM, Screws, Grips etc. | 10  | nos  | 105.00    | 1050.00  |            |
|                         |                           |     |      |           |          | 31455.00   |
| Actual rate             |                           |     |      |           |          | 4718.25    |
| 15% contractor overhead |                           |     |      |           |          | 36173.25   |
| Total (Rs.)             |                           |     |      |           |          |            |

**Rate per set Rs. 3617.32**

#### 172 Exit Light safty sign

| sources                 | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost |
|-------------------------|---------------------------|-----|------|-----------|---------|------------|
| 3172 labour             | skilled                   | 0.5 | nos  | 1185.00   | 592.50  | 1082.50    |
|                         | Semi skilled              | 0.5 | nos  | 980.00    | 490.00  |            |
|                         | un skilled                | 0   | nos  | 870.00    | 0.00    |            |
| materials               | a. D Light                | 10  | nos  | 860.00    | 8600.00 | 8920.00    |
|                         | b. CM, Screws, Grips etc. | 10  | nos  | 32.00     | 320.00  |            |
|                         |                           |     |      |           |         | 10002.50   |
| Actual rate             |                           |     |      |           |         | 1500.38    |
| 15% contractor overhead |                           |     |      |           |         | 11502.88   |
| Total (Rs.)             |                           |     |      |           |         |            |

**Rate per set Rs. 1150.28**

#### 173 Dinning Lamp Decorative Medium

| sources                 | Level                     | Qty | Unit | Rate/unit | cost     | Total Cost |
|-------------------------|---------------------------|-----|------|-----------|----------|------------|
| 3173 labour             | skilled                   | 1   | nos  | 1185.00   | 1185.00  | 2165.00    |
|                         | Semi skilled              | 1   | nos  | 980.00    | 980.00   |            |
|                         | un skilled                | 0   | nos  | 870.00    | 0.00     |            |
| materials               | a. D.Light                | 10  | nos  | 1775.00   | 17750.00 | 18800.00   |
|                         | b. CM, Screws, Grips etc. | 10  | nos  | 105.00    | 1050.00  |            |
|                         |                           |     |      |           |          | 20965.00   |
| Actual rate             |                           |     |      |           |          | 3144.75    |
| 15% contractor overhead |                           |     |      |           |          | 24109.75   |
| Total (Rs.)             |                           |     |      |           |          |            |

**Rate per set Rs. 2410.97**

## ELECTRICAL RATE ANALYSIS

### 174 Chandlers Lamp 3-5 Lamp Medium

| sources                          | Level                     | Qty | Unit | Rate/unit | cost      | Total Cost              |           |
|----------------------------------|---------------------------|-----|------|-----------|-----------|-------------------------|-----------|
| 3174 labour                      | skilled                   | 1   | nos  | 1185.00   | 1185.00   | 2165.00                 |           |
|                                  | Semi skilled              | 1   | nos  | 980.00    | 980.00    |                         |           |
|                                  | un skilled                | 0   | nos  | 870.00    | 0.00      |                         |           |
| materials                        | a. Chandlers Lamp         | 10  | nos  | 11242.00  | 112420.00 | 113470.00               |           |
|                                  | b. CM, Screws, Grips,Iron | 10  | nos  | 105.00    | 1050.00   |                         |           |
|                                  |                           |     |      |           |           |                         |           |
|                                  |                           |     |      |           |           | Actual rate             | 115635.00 |
| <b>Rate per set Rs. 13298.02</b> |                           |     |      |           |           | 15% contractor overhead | 17345.25  |
|                                  |                           |     |      |           |           | Total (Rs.)             | 132980.25 |

### 175 Chandlers Lamp 6-8 Lamp Medium

| 136                              | Level                     | Qty | Unit | Rate/unit | cost      | Total Cost              |           |
|----------------------------------|---------------------------|-----|------|-----------|-----------|-------------------------|-----------|
| 3175 labour                      | skilled                   | 1   | nos  | 1185.00   | 1185.00   | 2165.00                 |           |
|                                  | Semi skilled              | 1   | nos  | 980.00    | 980.00    |                         |           |
|                                  | un skilled                | 0   | nos  | 870.00    | 0.00      |                         |           |
| materials                        | a. Chandlers Lamp         | 10  | nos  | 15761.00  | 157610.00 | 158660.00               |           |
|                                  | b. CM, Screws, Grips etc. | 10  | nos  | 105.00    | 1050.00   |                         |           |
|                                  |                           |     |      |           |           |                         |           |
|                                  |                           |     |      |           |           | Actual rate             | 160825.00 |
| <b>Rate per set Rs. 18494.87</b> |                           |     |      |           |           | 15% contractor overhead | 24123.75  |
|                                  |                           |     |      |           |           | Total (Rs.)             | 184948.75 |

### 176 IS 3043 Copper Plate 80cmx80cmx3.15mm (1 Cu.m= 8930 kg)

| sources                          | Level                                    | Qty | Unit | Rate/unit | cost     | Total Cost              |          |
|----------------------------------|--|-----|------|-----------|----------|-------------------------|----------|
| 3176 labour                      | skilled                                  | 0.2 | nos  | 1185.00   | 237.00   | 3447.00                 |          |
|                                  | Semi skilled                             | 1.5 | nos  | 980.00    | 1470.00  |                         |          |
|                                  | un skilled                               | 2   | nos  | 870.00    | 1740.00  |                         |          |
| materials                        | a.Copper Plate(18 kg)                    | 1   | nos  | 17226.00  | 17226.00 | 19399.50                |          |
|                                  | b. Coal 5 bag, Salt 50 kg,sand,soil etc. | 1   | nos  | 2173.50   | 2173.50  |                         |          |
|                                  |  |     |      |           |          |                         |          |
|                                  |  |     |      |           |          | Actual rate             | 22846.50 |
| <b>Rate per set Rs. 26273.47</b> |  |     |      |           |          | 15% contractor overhead | 3426.98  |
|                                  |  |     |      |           |          | Total (Rs.)             | 26273.47 |

### 177 IS 3043 Copper Plate65cmx65cmx3.15mm(1 cu.m=8930 kg)

| sources                          | Level                                    | Qty | Unit | Rate/unit | cost     | Total Cost              |          |
|----------------------------------|--|-----|------|-----------|----------|-------------------------|----------|
| 3177 labour                      | skilled                                  | 0.2 | nos  | 1185.00   | 237.00   | 3447.00                 |          |
|                                  | Semi skilled                             | 1.5 | nos  | 980.00    | 1470.00  |                         |          |
|                                  | un skilled                               | 2   | nos  | 870.00    | 1740.00  |                         |          |
| materials                        | a.Copper Plate(11.88 kg)                 | 1   | nos  | 11369.00  | 11369.00 | 13107.80                |          |
|                                  | b. Coal 4 bag, Salt 40 kg,sand,soil etc. | 1   | nos  | 1738.80   | 1738.80  |                         |          |
|                                  |  |     |      |           |          |                         |          |
|                                  |  |     |      |           |          | Actual rate             | 16554.80 |
| <b>Rate per set Rs. 19038.02</b> |  |     |      |           |          | 15% contractor overhead | 2483.22  |
|                                  |  |     |      |           |          | Total (Rs.)             | 19038.02 |

### ELECTRICAL RATE ANALYSIS

#### 178 G.NO 8 Plastic Coated Cu. Wire

|                               | sources   | Level                     | Qty | Unit | Rate/unit | cost     | Total Cost |
|-------------------------------|-----------|---------------------------|-----|------|-----------|----------|------------|
| 3178                          | labour    | skilled                   | 1   | nos  | 1185.00   | 1185.00  | 4395.00    |
|                               |           | Semi skilled              | 1.5 | nos  | 980.00    | 1470.00  |            |
|                               |           | un skilled                | 2   | nos  | 870.00    | 1740.00  |            |
|                               | materials | a.Copper Wire             | 100 | Rm   | 150.00    | 15000.00 | 15000.00   |
|                               |           | b. CM, Screws, Grips etc. | LS  |      |           | 0.00     |            |
|                               |           |                           |     |      |           |          |            |
|                               |           |                           |     |      |           |          | 19395.00   |
| <b>Rate per Rm Rs. 223.04</b> |           |                           |     |      |           |          | 2909.25    |
|                               |           |                           |     |      |           |          | 22304.25   |

Actual rate  
15% contractor overhead  
Total (Rs.)

#### 179 15-100 Watt Bulb (ISI)

|                               | sources   | Level                     | Qty  | Unit | Rate/unit | cost   | Total Cost |
|-------------------------------|-----------|---------------------------|------|------|-----------|--------|------------|
| 3179                          | labour    | skilled                   | 0    | nos  | 1185.00   | 0.00   | 217.50     |
|                               |           | Semi skilled              | 0    | nos  | 980.00    | 0.00   |            |
|                               |           | un skilled                | 0.25 | nos  | 870.00    | 217.50 |            |
|                               | materials | a.Bulb                    | 10   | nos  | 26.00     | 260.00 | 260.00     |
|                               |           | b. CM, Screws, Grips etc. | LS   |      |           | 0.00   |            |
|                               |           |                           |      |      |           |        |            |
|                               |           |                           |      |      |           |        | 477.50     |
| <b>Rate per nos Rs. 54.91</b> |           |                           |      |      |           |        | 71.63      |
|                               |           |                           |      |      |           |        | 549.13     |

Actual rate  
15% contractor overhead  
Total (Rs.)

#### 180 Festival Light

|                                | sources   | Level                     | Qty | Unit | Rate/unit | cost   | Total Cost |
|--------------------------------|-----------|---------------------------|-----|------|-----------|--------|------------|
| 3180                           | labour    | skilled                   | 0.5 | nos  | 1185.00   | 592.50 | 1082.50    |
|                                |           | Semi skilled              | 0.5 | nos  | 980.00    | 490.00 |            |
|                                |           | un skilled                | 0   | nos  | 870.00    | 0.00   |            |
|                                | materials | a.Bulb                    | 10  | nos  | 26.00     | 260.00 | 960.00     |
|                                |           | b. C plate, Screws, Grips | 10  | LS   | 35.00     | 350.00 |            |
|                                |           | c.Holder                  | 10  | nos  | 35.00     | 350.00 |            |
|                                |           |                           |     |      |           |        | 2042.50    |
| <b>Rate per set Rs. 234.88</b> |           |                           |     |      |           |        | 306.38     |
|                                |           |                           |     |      |           |        | 2348.88    |

Actual rate  
15% contractor overhead  
Total (Rs.)

#### 181 4 way Indicator With Bell

|                                 | sources   | Level                 | Qty | Unit | Rate/unit | cost     | Total Cost |
|---------------------------------|-----------|-----------------------|-----|------|-----------|----------|------------|
| 3181                            | labour    | skilled               | 0.5 | nos  | 1185.00   | 592.50   | 1082.50    |
|                                 |           | Semi skilled          | 0.5 | nos  | 980.00    | 490.00   |            |
|                                 |           | un skilled            | 0   | nos  | 870.00    | 0.00     |            |
|                                 | materials | a.Indicator Bell      | 10  | nos  | 1255.00   | 12550.00 | 12600.00   |
|                                 |           | b. Screws, Grips etc. | 10  | LS   | 5.00      | 50.00    |            |
|                                 |           |                       |     |      |           |          |            |
|                                 |           |                       |     |      |           |          | 13682.50   |
| <b>Rate per set Rs. 1573.48</b> |           |                       |     |      |           |          | 2052.38    |
|                                 |           |                       |     |      |           |          | 15734.88   |

Actual rate  
15% contractor overhead  
Total (Rs.)

## ELECTRICAL RATE ANALYSIS

### 182 6 way Indicator With Bell

|                                 | sources   | Level                 | Qty | Unit | Rate/unit | cost     | Total Cost |
|---------------------------------|-----------|-----------------------|-----|------|-----------|----------|------------|
| 3182                            | labour    | skilled               | 0.5 | nos  | 1185.00   | 592.50   | 1082.50    |
|                                 |           | Semi skilled          | 0.5 | nos  | 980.00    | 490.00   |            |
|                                 |           | un skilled            | 0   | nos  | 870.00    | 0.00     |            |
|                                 | materials | a.Indicator Bell      | 10  | nos  | 2049.00   | 20490.00 | 20540.00   |
|                                 |           | b. Screws, Grips etc. | 10  | LS   | 5.00      | 50.00    |            |
|                                 |           |                       |     |      |           |          | 21622.50   |
| Actual rate                     |           |                       |     |      |           |          | 3243.38    |
| 15% contractor overhead         |           |                       |     |      |           |          | 24865.88   |
| Total (Rs.)                     |           |                       |     |      |           |          |            |
| <b>Rate per set Rs. 2486.58</b> |           |                       |     |      |           |          |            |

### Steel Tubelar / Wood Pole

#### 9 Meter Steel Tubelar Pole ( Bottom 134mm dia,3300mm ht,115mm dia 2250mm ht,90mm dia 2250 ht and 76mm dia 1650mm ht with over lapping of 200mm,150mm,100mm respectively)

183

|                                  | sources   | Level                 | Qty | Unit | Rate/unit | cost     | Total Cost |
|----------------------------------|-----------|-----------------------|-----|------|-----------|----------|------------|
| 3183                             | labour    | skilled               | 0.2 | nos  | 1185.00   | 237.00   | 3447.00    |
|                                  |           | Semi skilled          | 1.5 | nos  | 980.00    | 1470.00  |            |
|                                  |           | un skilled            | 2   | nos  | 870.00    | 1740.00  |            |
|                                  | materials | a.Pole                | 1   | nos  | 12978.00  | 12978.00 | 12978.00   |
|                                  |           | b. Earth Work CM etc. | LS  |      |           | 0.00     |            |
|                                  |           |                       |     |      |           |          | 16425.00   |
| Actual rate                      |           |                       |     |      |           |          | 2463.75    |
| 15% contractor overhead          |           |                       |     |      |           |          | 18888.75   |
| Total (Rs.)                      |           |                       |     |      |           |          |            |
| <b>Rate per set Rs. 18888.75</b> |           |                       |     |      |           |          |            |

#### 7 Meter Steel Tubelar Pole ( Bottom 115mm dia,3300mm ht,90mm dia 2400mm ht, and 76mm dia 1650mm ht with over lapping of 200mm,150mm respectively)

184

|                                  | sources   | Level                 | Qty | Unit | Rate/unit | cost     | Total Cost |
|----------------------------------|-----------|-----------------------|-----|------|-----------|----------|------------|
| 3184                             | labour    | skilled               | 0.2 | nos  | 1185.00   | 237.00   | 3447.00    |
|                                  |           | Semi skilled          | 1.5 | nos  | 980.00    | 1470.00  |            |
|                                  |           | un skilled            | 2   | nos  | 870.00    | 1740.00  |            |
|                                  | materials | a.Pole                | 1   | nos  | 12057.00  | 12057.00 | 12057.00   |
|                                  |           | b. Earth Work CM etc. | LS  |      |           | 0.00     |            |
|                                  |           |                       |     |      |           |          | 15504.00   |
| Actual rate                      |           |                       |     |      |           |          | 2325.60    |
| 15% contractor overhead          |           |                       |     |      |           |          | 17829.60   |
| Total (Rs.)                      |           |                       |     |      |           |          |            |
| <b>Rate per set Rs. 17829.60</b> |           |                       |     |      |           |          |            |

#### 7 Meter Steel Tubelar Pole ( Bottom 115mm dia,3100mm ht,90mm dia 2300mm ht, and 76mm dia 1600mm ht with WELDED joints.

185

|                                  | sources   | Level                 | Qty | Unit | Rate/unit | cost     | Total Cost |
|----------------------------------|-----------|-----------------------|-----|------|-----------|----------|------------|
| 3185                             | labour    | skilled               | 0.2 | nos  | 1185.00   | 237.00   | 3447.00    |
|                                  |           | Semi skilled          | 1.5 | nos  | 980.00    | 1470.00  |            |
|                                  |           | un skilled            | 2   | nos  | 870.00    | 1740.00  |            |
|                                  | materials | a.Pole                | 1   | nos  | 12484.00  | 12484.00 | 12484.00   |
|                                  |           | b. Earth Work CM etc. | LS  |      |           | 0.00     |            |
|                                  |           |                       |     |      |           |          | 15931.00   |
| Actual rate                      |           |                       |     |      |           |          | 2389.65    |
| 15% contractor overhead          |           |                       |     |      |           |          | 18320.65   |
| Total (Rs.)                      |           |                       |     |      |           |          |            |
| <b>Rate per set Rs. 18320.65</b> |           |                       |     |      |           |          |            |

## ELECTRICAL RATE ANALYSIS

### Cable Wire Prakash / Janta or NS Equivalent

#### Cancelled Wiring

#### **186 3/22 PVC copper Wire Nepal, Prakash or NS equivalent**

|                              | sources   | Level        | Qty  | Unit | Rate/unit | cost    | Total Cost              |
|------------------------------|-----------|--------------|------|------|-----------|---------|-------------------------|
| 3186                         | labour    | skilled      | 0.75 | nos  | 1185.00   | 888.75  | 3206.75                 |
|                              |           | Semi skilled | 1.3  | nos  | 980.00    | 1274.00 |                         |
|                              |           | un skilled   | 1.2  | nos  | 870.00    | 1044.00 |                         |
|                              | materials | a.Cu wire    | 100  | Rm   | 13.14     | 1314.44 | 2025.44                 |
|                              |           | b.HDP, hooks | 100  | LS   | 7.11      | 711.00  |                         |
|                              |           |              |      |      |           |         |                         |
|                              |           |              |      |      |           |         | 5232.19                 |
| <b>Rate per Rm Rs. 60.17</b> |           |              |      |      |           |         | 784.83                  |
|                              |           |              |      |      |           |         | 6017.02                 |
|                              |           |              |      |      |           |         | Actual rate             |
|                              |           |              |      |      |           |         | 15% contractor overhead |
|                              |           |              |      |      |           |         | Total (Rs.)             |

#### **187 3/20 PVC copper Wire Nepal, Prakash NS equivalent**

|                              | sources   | Level        | Qty  | Unit | Rate/unit | cost    | Total Cost              |
|------------------------------|-----------|--------------|------|------|-----------|---------|-------------------------|
| 3187                         | labour    | skilled      | 0.75 | nos  | 1185.00   | 888.75  | 3206.75                 |
|                              |           | Semi skilled | 1.3  | nos  | 980.00    | 1274.00 |                         |
|                              |           | un skilled   | 1.2  | nos  | 870.00    | 1044.00 |                         |
|                              | materials | a.Cu wire    | 100  | Rm   | 20.92     | 2092.22 | 2803.22                 |
|                              |           | b.HDP, hooks | 100  | LS   | 7.11      | 711.00  |                         |
|                              |           |              |      |      |           |         |                         |
|                              |           |              |      |      |           |         | 6009.97                 |
| <b>Rate per Rm Rs. 69.11</b> |           |              |      |      |           |         | 901.50                  |
|                              |           |              |      |      |           |         | 6911.47                 |
|                              |           |              |      |      |           |         | Actual rate             |
|                              |           |              |      |      |           |         | 15% contractor overhead |
|                              |           |              |      |      |           |         | Total (Rs.)             |

#### **188 7/22 PVC copper Wire Nepal, Prakash NS equivalent**

|                              | sources   | Level        | Qty  | Unit | Rate/unit | cost    | Total Cost              |
|------------------------------|-----------|--------------|------|------|-----------|---------|-------------------------|
| 3188                         | labour    | skilled      | 0.75 | nos  | 1185.00   | 888.75  | 3206.75                 |
|                              |           | Semi skilled | 1.3  | nos  | 980.00    | 1274.00 |                         |
|                              |           | un skilled   | 1.2  | nos  | 870.00    | 1044.00 |                         |
|                              | materials | a.Cu wire    | 100  | Rm   | 29.29     | 2928.89 | 3919.89                 |
|                              |           | b.HDP, hooks | 100  | LS   | 9.91      | 991.00  |                         |
|                              |           |              |      |      |           |         |                         |
|                              |           |              |      |      |           |         | 7126.64                 |
| <b>Rate per Rm Rs. 81.95</b> |           |              |      |      |           |         | 1069.00                 |
|                              |           |              |      |      |           |         | 8195.63                 |
|                              |           |              |      |      |           |         | Actual rate             |
|                              |           |              |      |      |           |         | 15% contractor overhead |
|                              |           |              |      |      |           |         | Total (Rs.)             |

#### **189 7/20 PVC copper Wire Nepal, Prakash NS equivalent**

|                               | sources   | Level        | Qty | Unit | Rate/unit | cost    | Total Cost              |
|-------------------------------|-----------|--------------|-----|------|-----------|---------|-------------------------|
| 3189                          | labour    | skilled      | 1   | nos  | 1185.00   | 1185.00 | 4395.00                 |
|                               |           | Semi skilled | 1.5 | nos  | 980.00    | 1470.00 |                         |
|                               |           | un skilled   | 2   | nos  | 870.00    | 1740.00 |                         |
|                               | materials | a.Cu wire    | 100 | Rm   | 47.81     | 4781.11 | 5772.11                 |
|                               |           | b.HDP, hooks | 100 | LS   | 9.91      | 991.00  |                         |
|                               |           |              |     |      |           |         |                         |
|                               |           |              |     |      |           |         | 10167.11                |
| <b>Rate per Rm Rs. 116.92</b> |           |              |     |      |           |         | 1525.07                 |
|                               |           |              |     |      |           |         | 11692.18                |
|                               |           |              |     |      |           |         | Actual rate             |
|                               |           |              |     |      |           |         | 15% contractor overhead |
|                               |           |              |     |      |           |         | Total (Rs.)             |



## ELECTRICAL RATE ANALYSIS

### 190 7/18 PVC copper Wire Nepal, Prakash NS equivalent

|                        | sources   | Level        | Qty | Unit | Rate/unit | cost    | Total Cost |
|------------------------|-----------|--------------|-----|------|-----------|---------|------------|
| 3190                   | labour    | skilled      | 1   | nos  | 1185.00   | 1185.00 | 4395.00    |
|                        |           | Semi skilled | 1.5 | nos  | 980.00    | 1470.00 |            |
|                        |           | un skilled   | 2   | nos  | 870.00    | 1740.00 |            |
|                        | materials | a.Cu wire    | 100 | Rm   | 75.30     | 7530.00 | 8973.00    |
|                        |           | b.HDP, hooks | 100 | LS   | 14.43     | 1443.00 |            |
|                        |           |              |     |      |           |         |            |
|                        |           |              |     |      |           |         | 13368.00   |
| Actual rate            |           |              |     |      |           |         | 2005.20    |
| Rate per Rm Rs. 153.73 |           |              |     |      |           |         | 15373.20   |
|                        |           |              |     |      |           |         | 15373.20   |
|                        |           |              |     |      |           |         | 15373.20   |

### 191 7/16 PVC copper Wire Nepal, Prakash NS equivalent

|                        | sources   | Level        | Qty | Unit | Rate/unit | cost     | Total Cost |
|------------------------|-----------|--------------|-----|------|-----------|----------|------------|
| 3191                   | labour    | skilled      | 1   | nos  | 1185.00   | 1185.00  | 5755.00    |
|                        |           | Semi skilled | 2   | nos  | 980.00    | 1960.00  |            |
|                        |           | un skilled   | 3   | nos  | 870.00    | 2610.00  |            |
|                        | materials | a.Cu wire    | 100 | Rm   | 155.39    | 15538.89 | 16981.89   |
|                        |           | b.HDP, hooks | 100 | LS   | 14.43     | 1443.00  |            |
|                        |           |              |     |      |           |          |            |
|                        |           |              |     |      |           |          | 22736.89   |
| Actual rate            |           |              |     |      |           |          | 3410.53    |
| Rate per Rm Rs. 261.47 |           |              |     |      |           |          | 26147.42   |
|                        |           |              |     |      |           |          | 26147.42   |

### Multistrand Flexible wire( 1 coil=90.00M)

#### Concelled Wiring

### 192 1.5mm2 PVC insulated copper wire

|                       | sources   | Level        | Qty  | Unit | Rate/unit | cost    | Total Cost |
|-----------------------|-----------|--------------|------|------|-----------|---------|------------|
| 3192                  | labour    | skilled      | 0.75 | nos  | 1185.00   | 888.75  | 3206.75    |
|                       |           | Semi skilled | 1.3  | nos  | 980.00    | 1274.00 |            |
|                       |           | un skilled   | 1.2  | nos  | 870.00    | 1044.00 |            |
|                       | materials | a.Cu wire    | 100  | Rm   | 19.12     | 1912.22 | 2623.22    |
|                       |           | b.HDP, hooks | 100  | LS   | 7.11      | 711.00  |            |
|                       |           |              |      |      |           |         |            |
|                       |           |              |      |      |           |         | 5829.97    |
| Actual rate           |           |              |      |      |           |         | 874.50     |
| Rate per Rm Rs. 67.04 |           |              |      |      |           |         | 6704.47    |
|                       |           |              |      |      |           |         | 6704.47    |

### 193 2.5mm2 PVC insulated copper wire

|                       | sources   | Level        | Qty  | Unit | Rate/unit | cost    | Total Cost |
|-----------------------|-----------|--------------|------|------|-----------|---------|------------|
| 3193                  | labour    | skilled      | 0.75 | nos  | 1185.00   | 888.75  | 3206.75    |
|                       |           | Semi skilled | 1.3  | nos  | 980.00    | 1274.00 |            |
|                       |           | un skilled   | 1.2  | nos  | 870.00    | 1044.00 |            |
|                       | materials | a.Cu wire    | 100  | Rm   | 28.09     | 2808.89 | 3519.89    |
|                       |           | b.HDP, hooks | 100  | LS   | 7.11      | 711.00  |            |
|                       |           |              |      |      |           |         |            |
|                       |           |              |      |      |           |         | 6726.64    |
| Actual rate           |           |              |      |      |           |         | 1009.00    |
| Rate per Rm Rs. 77.35 |           |              |      |      |           |         | 7735.63    |
|                       |           |              |      |      |           |         | 7735.63    |

## ELECTRICAL RATE ANALYSIS

### 194 4.0mm<sup>2</sup> PVC insulated copper wire

|                               | sources   | Level        | Qty  | Unit | Rate/unit | cost    | Total Cost |
|-------------------------------|-----------|--------------|------|------|-----------|---------|------------|
| 3194                          | labour    | skilled      | 0.75 | nos  | 1185.00   | 888.75  | 3206.75    |
|                               |           | Semi skilled | 1.3  | nos  | 980.00    | 1274.00 |            |
|                               |           | un skilled   | 1.2  | nos  | 870.00    | 1044.00 |            |
|                               | materials | a.Cu wire    | 100  | Rm   | 45.42     | 4542.22 | 5533.22    |
|                               |           | b.HDP, hooks | 100  | LS   | 9.91      | 991.00  |            |
|                               |           |              |      |      |           |         |            |
|                               |           |              |      |      |           |         | 8739.97    |
| <b>Rate per Rm Rs. 100.50</b> |           |              |      |      |           |         | 1311.00    |
|                               |           |              |      |      |           |         | 10050.97   |

Actual rate  
15% contractor overhead  
Total (Rs.)

### 195 6.0mm<sup>2</sup> PVC insulated copper wire

|                               | sources   | Level        | Qty | Unit | Rate/unit | cost    | Total Cost |
|-------------------------------|-----------|--------------|-----|------|-----------|---------|------------|
| 3195                          | labour    | skilled      | 1   | nos  | 1185.00   | 1185.00 | 4395.00    |
|                               |           | Semi skilled | 1.5 | nos  | 980.00    | 1470.00 |            |
|                               |           | un skilled   | 2   | nos  | 870.00    | 1740.00 |            |
|                               | materials | a.Cu wire    | 100 | Rm   | 71.72     | 7172.22 | 8163.22    |
|                               |           | b.HDP, hooks | 100 | LS   | 9.91      | 991.00  |            |
|                               |           |              |     |      |           |         |            |
|                               |           |              |     |      |           |         | 12558.22   |
| <b>Rate per Rm Rs. 144.41</b> |           |              |     |      |           |         | 1883.73    |
|                               |           |              |     |      |           |         | 14441.96   |

Actual rate  
15% contractor overhead  
Total (Rs.)

### 196 10.0mm<sup>2</sup> PVC insulated copper wire

|                               | sources   | Level        | Qty | Unit | Rate/unit | cost     | Total Cost |
|-------------------------------|-----------|--------------|-----|------|-----------|----------|------------|
| 3196                          | labour    | skilled      | 1   | nos  | 1185.00   | 1185.00  | 4395.00    |
|                               |           | Semi skilled | 1.5 | nos  | 980.00    | 1470.00  |            |
|                               |           | un skilled   | 2   | nos  | 870.00    | 1740.00  |            |
|                               | materials | a.Cu wire    | 100 | Rm   | 119.53    | 11953.33 | 13396.33   |
|                               |           | b.HDP, hooks | 100 | LS   | 14.43     | 1443.00  |            |
|                               |           |              |     |      |           |          |            |
|                               |           |              |     |      |           |          | 17791.33   |
| <b>Rate per Rm Rs. 204.60</b> |           |              |     |      |           |          | 2668.70    |
|                               |           |              |     |      |           |          | 20460.03   |

Actual rate  
15% contractor overhead  
Total (Rs.)

## PVC Copper Wiring In PVC Listy/PVC conduct Pipe

### Surface Wiring

### 197 1/18 PVC copper Wire Nepal, Prakash NS equivalent

|                              | sources   | Level                    | Qty  | Unit | Rate/unit | cost    | Total Cost |
|------------------------------|-----------|--------------------------|------|------|-----------|---------|------------|
| 3197                         | labour    | skilled                  | 0.5  | nos  | 1185.00   | 592.50  | 2632.50    |
|                              |           | Semi skilled             | 0.75 | nos  | 980.00    | 735.00  |            |
|                              |           | un skilled               | 1.5  | nos  | 870.00    | 1305.00 |            |
|                              | materials | a.Cu wire                | 100  | Rm   | 11.00     | 1100.00 | 2250.00    |
|                              |           | b.PVC Listy/Conduit Pipe | 100  | LS   | 11.50     | 1150.00 |            |
|                              |           |                          |      |      |           |         |            |
|                              |           |                          |      |      |           |         | 4882.50    |
| <b>Rate per Rm Rs. 56.14</b> |           |                          |      |      |           |         | 732.38     |
|                              |           |                          |      |      |           |         | 5614.88    |

Actual rate  
15% contractor overhead  
Total (Rs.)

**ELECTRICAL RATE ANALYSIS**

**198 3/22 PVC copper Wire Nepal, Prakash NS equivalent**

|                              | sources   | Level                    | Qty  | Unit | Rate/unit | cost    | Total Cost              |
|------------------------------|-----------|--------------------------|------|------|-----------|---------|-------------------------|
| 3198                         | labour    | skilled                  | 0.5  | nos  | 1185.00   | 592.50  | 2632.50                 |
|                              |           | Semi skilled             | 0.75 | nos  | 980.00    | 735.00  |                         |
|                              |           | un skilled               | 1.5  | nos  | 870.00    | 1305.00 |                         |
|                              | materials | a.Cu wire                | 100  | Rm   | 13.14     | 1314.44 | 2464.44                 |
|                              |           | b.PVC Listy/Conduit Pipe | 100  | LS   | 11.50     | 1150.00 |                         |
|                              |           |                          |      |      |           |         |                         |
|                              |           |                          |      |      |           |         | 5096.94                 |
| <b>Rate per Rm Rs. 58.61</b> |           |                          |      |      |           |         | 764.54                  |
|                              |           |                          |      |      |           |         | 5861.49                 |
|                              |           |                          |      |      |           |         | Actual rate             |
|                              |           |                          |      |      |           |         | 15% contractor overhead |
|                              |           |                          |      |      |           |         | Total (Rs.)             |

**199 3/20 PVC copper Wire Nepal, Prakash NS equivalent**

|                             | sources   | Level                    | Qty  | Unit | Rate/unit | cost    | Total Cost              |
|-----------------------------|-----------|--------------------------|------|------|-----------|---------|-------------------------|
| 3199                        | labour    | skilled                  | 0.5  | nos  | 1185.00   | 592.50  | 2632.50                 |
|                             |           | Semi skilled             | 0.75 | nos  | 980.00    | 735.00  |                         |
|                             |           | un skilled               | 1.5  | nos  | 870.00    | 1305.00 |                         |
|                             | materials | a.Cu wire                | 100  | Rm   | 20.92     | 2092.22 | 3242.22                 |
|                             |           | b.PVC Listy/Conduit Pipe | 100  | LS   | 11.50     | 1150.00 |                         |
|                             |           |                          |      |      |           |         |                         |
|                             |           |                          |      |      |           |         | 5874.72                 |
| <b>Rate perRm Rs. 67.55</b> |           |                          |      |      |           |         | 881.21                  |
|                             |           |                          |      |      |           |         | 6755.93                 |
|                             |           |                          |      |      |           |         | Actual rate             |
|                             |           |                          |      |      |           |         | 15% contractor overhead |
|                             |           |                          |      |      |           |         | Total (Rs.)             |

**200 7/22 PVC copper Wire Nepal, Prakash NS equivalent**

|                             | sources   | Level                    | Qty  | Unit | Rate/unit | cost    | Total Cost              |
|-----------------------------|-----------|--------------------------|------|------|-----------|---------|-------------------------|
| 3200                        | labour    | skilled                  | 0.5  | nos  | 1185.00   | 592.50  | 2632.50                 |
|                             |           | Semi skilled             | 0.75 | nos  | 980.00    | 735.00  |                         |
|                             |           | un skilled               | 1.5  | nos  | 870.00    | 1305.00 |                         |
|                             | materials | a.Cu wire                | 100  | Rm   | 29.29     | 2928.89 | 4428.89                 |
|                             |           | b.PVC Listy/Conduit Pipe | 100  | LS   | 15.00     | 1500.00 |                         |
|                             |           |                          |      |      |           |         |                         |
|                             |           |                          |      |      |           |         | 7061.39                 |
| <b>Rate perRm Rs. 81.20</b> |           |                          |      |      |           |         | 1059.21                 |
|                             |           |                          |      |      |           |         | 8120.60                 |
|                             |           |                          |      |      |           |         | Actual rate             |
|                             |           |                          |      |      |           |         | 15% contractor overhead |
|                             |           |                          |      |      |           |         | Total (Rs.)             |

**201 7/20 PVC copper Wire Nepal, Prakash NS equivalent**

|                               | sources   | Level                    | Qty  | Unit | Rate/unit | cost    | Total Cost              |
|-------------------------------|-----------|--------------------------|------|------|-----------|---------|-------------------------|
| 3201                          | labour    | skilled                  | 0.75 | nos  | 1185.00   | 888.75  | 3467.75                 |
|                               |           | Semi skilled             | 1.3  | nos  | 980.00    | 1274.00 |                         |
|                               |           | un skilled               | 1.5  | nos  | 870.00    | 1305.00 |                         |
|                               | materials | a.Cu wire                | 100  | Rm   | 47.81     | 4781.11 | 6281.11                 |
|                               |           | b.PVC Listy/Conduit Pipe | 100  | Ls   | 15.00     | 1500.00 |                         |
|                               |           |                          |      |      |           |         |                         |
|                               |           |                          |      |      |           |         | 9748.86                 |
| <b>Rate per Rm Rs. 112.11</b> |           |                          |      |      |           |         | 1462.33                 |
|                               |           |                          |      |      |           |         | 11211.19                |
|                               |           |                          |      |      |           |         | Actual rate             |
|                               |           |                          |      |      |           |         | 15% contractor overhead |
|                               |           |                          |      |      |           |         | Total (Rs.)             |

## ELECTRICAL RATE ANALYSIS

### 202 7/18 PVC copper Wire Nepal, Prakash NS equivalent

|                        | sources   | Level                    | Qty  | Unit | Rate/unit | cost    | Total Cost              |
|------------------------|-----------|--------------------------|------|------|-----------|---------|-------------------------|
| 3202                   | labour    | skilled                  | 0.75 | nos  | 1185.00   | 888.75  | 3467.75                 |
|                        |           | Semi skilled             | 1.3  | nos  | 980.00    | 1274.00 |                         |
|                        |           | un skilled               | 1.5  | nos  | 870.00    | 1305.00 |                         |
|                        | materials | a.Cu wire                | 100  | Rm   | 75.30     | 7530.00 | 9330.00                 |
|                        |           | b.PVC Listy/Conduit Pipe | 100  | Ls   | 18.00     | 1800.00 |                         |
|                        |           |                          |      |      |           |         |                         |
|                        |           |                          |      |      |           |         | 12797.75                |
| Actual rate            |           |                          |      |      |           |         | 1919.66                 |
| Rate per Rm Rs. 147.17 |           |                          |      |      |           |         | 14717.41                |
|                        |           |                          |      |      |           |         | 15% contractor overhead |
|                        |           |                          |      |      |           |         | Total (Rs.)             |

### 203 7/16 PVC copper Wire Nepal, Prakash NS equivalent

|                        | sources   | Level                    | Qty | Unit | Rate/unit | cost     | Total Cost              |
|------------------------|-----------|--------------------------|-----|------|-----------|----------|-------------------------|
| 3203                   | labour    | skilled                  | 1   | nos  | 1185.00   | 1185.00  | 4395.00                 |
|                        |           | Semi skilled             | 1.5 | nos  | 980.00    | 1470.00  |                         |
|                        |           | un skilled               | 2   | nos  | 870.00    | 1740.00  |                         |
|                        | materials | a.Cu wire                | 100 | Rm   | 155.39    | 15538.89 | 18588.89                |
|                        |           | b.PVC Listy/Conduit Pipe | 100 | Ls   | 30.50     | 3050.00  |                         |
|                        |           |                          |     |      |           |          |                         |
|                        |           |                          |     |      |           |          | 22983.89                |
| Actual rate            |           |                          |     |      |           |          | 3447.58                 |
| Rate per Rm Rs. 264.31 |           |                          |     |      |           |          | 26431.47                |
|                        |           |                          |     |      |           |          | 15% contractor overhead |
|                        |           |                          |     |      |           |          | Total (Rs.)             |

### Multistrand Flexible wire( 1 coil=90.00Meter)

#### Surface Wiring

### 204 1.5mm2 PVC insulated copper wire

|                       | sources   | Level                    | Qty  | Unit | Rate/unit | cost    | Total Cost              |
|-----------------------|-----------|--------------------------|------|------|-----------|---------|-------------------------|
| 3204                  | labour    | skilled                  | 0.5  | nos  | 1185.00   | 592.50  | 2632.50                 |
|                       |           | Semi skilled             | 0.75 | nos  | 980.00    | 735.00  |                         |
|                       |           | un skilled               | 1.5  | nos  | 870.00    | 1305.00 |                         |
|                       | materials | a.Cu wire                | 100  | Rm   | 19.12     | 1912.22 | 3062.22                 |
|                       |           | b.PVC Listy/Conduit Pipe | 100  | LS   | 11.50     | 1150.00 |                         |
|                       |           |                          |      |      |           |         |                         |
|                       |           |                          |      |      |           |         | 5694.72                 |
| Actual rate           |           |                          |      |      |           |         | 854.21                  |
| Rate per Rm Rs. 65.48 |           |                          |      |      |           |         | 6548.93                 |
|                       |           |                          |      |      |           |         | 15% contractor overhead |
|                       |           |                          |      |      |           |         | Total (Rs.)             |

### 205 2.5mm2 PVC insulated copper wire

|                       | sources   | Level                    | Qty  | Unit | Rate/unit | cost    | Total Cost              |
|-----------------------|-----------|--------------------------|------|------|-----------|---------|-------------------------|
| 3205                  | labour    | skilled                  | 0.5  | nos  | 1185.00   | 592.50  | 2632.50                 |
|                       |           | Semi skilled             | 0.75 | nos  | 980.00    | 735.00  |                         |
|                       |           | un skilled               | 1.5  | nos  | 870.00    | 1305.00 |                         |
|                       | materials | a.Cu wire                | 100  | Rm   | 28.09     | 2808.89 | 3958.89                 |
|                       |           | b.PVC Listy/Conduit Pipe | 100  | LS   | 11.50     | 1150.00 |                         |
|                       |           |                          |      |      |           |         |                         |
|                       |           |                          |      |      |           |         | 6591.39                 |
| Actual rate           |           |                          |      |      |           |         | 988.71                  |
| Rate per Rm Rs. 75.80 |           |                          |      |      |           |         | 7580.10                 |
|                       |           |                          |      |      |           |         | 15% contractor overhead |
|                       |           |                          |      |      |           |         | Total (Rs.)             |

### ELECTRICAL RATE ANALYSIS

#### 206 4.0mm<sup>2</sup> PVC insulated copper wire

|                              | sources   | Level                    | Qty  | Unit | Rate/unit | cost    | Total Cost |
|------------------------------|-----------|--------------------------|------|------|-----------|---------|------------|
| 3206                         | labour    | skilled                  | 0.5  | nos  | 1185.00   | 592.50  | 2632.50    |
|                              |           | Semi skilled             | 0.75 | nos  | 980.00    | 735.00  |            |
|                              |           | un skilled               | 1.5  | nos  | 870.00    | 1305.00 |            |
|                              | materials | a.Cu wire                | 100  | Rm   | 45.42     | 4542.22 | 6042.22    |
|                              |           | b.PVC Listy/Conduit Pipe | 100  | LS   | 15.00     | 1500.00 |            |
|                              |           |                          |      |      |           |         |            |
|                              |           |                          |      |      |           |         | 8674.72    |
| Actual rate                  |           |                          |      |      |           |         | 8674.72    |
| 15% contractor overhead      |           |                          |      |      |           |         | 1301.21    |
| Total (Rs.)                  |           |                          |      |      |           |         | 9975.93    |
| <b>Rate per Rm Rs. 99.75</b> |           |                          |      |      |           |         |            |

#### 207 6.0mm<sup>2</sup> PVC insulated copper wire

|                               | sources   | Level                    | Qty  | Unit | Rate/unit | cost    | Total Cost |
|-------------------------------|-----------|--------------------------|------|------|-----------|---------|------------|
| 3207                          | labour    | skilled                  | 0.75 | nos  | 1185.00   | 888.75  | 3467.75    |
|                               |           | Semi skilled             | 1.3  | nos  | 980.00    | 1274.00 |            |
|                               |           | un skilled               | 1.5  | nos  | 870.00    | 1305.00 |            |
|                               | materials | a.Cu wire                | 100  | Rm   | 71.72     | 7172.22 | 8672.22    |
|                               |           | b.PVC Listy/Conduit Pipe | 100  | Ls   | 15.00     | 1500.00 |            |
|                               |           |                          |      |      |           |         |            |
|                               |           |                          |      |      |           |         | 12139.97   |
| Actual rate                   |           |                          |      |      |           |         | 12139.97   |
| 15% contractor overhead       |           |                          |      |      |           |         | 1821.00    |
| Total (Rs.)                   |           |                          |      |      |           |         | 13960.97   |
| <b>Rate per Rm Rs. 139.60</b> |           |                          |      |      |           |         |            |

#### 208 10.0mm<sup>2</sup> PVC insulated copper wire

|                               | sources   | Level                    | Qty  | Unit | Rate/unit | cost     | Total Cost |
|-------------------------------|-----------|--------------------------|------|------|-----------|----------|------------|
| 3208                          | labour    | skilled                  | 0.75 | nos  | 1185.00   | 888.75   | 3467.75    |
|                               |           | Semi skilled             | 1.3  | nos  | 980.00    | 1274.00  |            |
|                               |           | un skilled               | 1.5  | nos  | 870.00    | 1305.00  |            |
|                               | materials | a.Cu wire                | 100  | Rm   | 119.53    | 11953.33 | 13753.33   |
|                               |           | b.PVC Listy/Conduit Pipe | 100  | Ls   | 18.00     | 1800.00  |            |
|                               |           |                          |      |      |           |          |            |
|                               |           |                          |      |      |           |          | 17221.08   |
| Actual rate                   |           |                          |      |      |           |          | 17221.08   |
| 15% contractor overhead       |           |                          |      |      |           |          | 2583.16    |
| Total (Rs.)                   |           |                          |      |      |           |          | 19804.25   |
| <b>Rate per Rm Rs. 198.04</b> |           |                          |      |      |           |          |            |

#### **Power cable copper conductor Armored Nepal, Prakash Cable Or NS**

#### 209 4mm<sup>2</sup> 4 core Nepal, Prakash Or NS

|                               | sources   | Level                  | Qty  | Unit | Rate/unit | cost     | Total Cost |
|-------------------------------|-----------|------------------------|------|------|-----------|----------|------------|
| 3209                          | labour    | skilled                | 0.75 | nos  | 1185.00   | 888.75   | 3206.75    |
|                               |           | Semi skilled           | 1.3  | nos  | 980.00    | 1274.00  |            |
|                               |           | un skilled             | 1.2  | nos  | 870.00    | 1044.00  |            |
|                               | materials | a.Cu wire              | 100  | Rm   | 230.00    | 23000.00 | 25200.00   |
|                               |           | b.Shaddle,Grips,Screws | 100  | LS   | 22.00     | 2200.00  |            |
|                               |           |                        |      |      |           |          |            |
|                               |           |                        |      |      |           |          | 28406.75   |
| Actual rate                   |           |                        |      |      |           |          | 28406.75   |
| 15% contractor overhead       |           |                        |      |      |           |          | 4261.01    |
| Total (Rs.)                   |           |                        |      |      |           |          | 32667.76   |
| <b>Rate per Rm Rs. 326.67</b> |           |                        |      |      |           |          |            |

**ELECTRICAL RATE ANALYSIS**

**210 6 mm<sup>2</sup> 4 core Nepal, Prakash Or NS**

|                        | sources   | Level                  | Qty  | Unit | Rate/unit | cost     | Total Cost              |
|------------------------|-----------|------------------------|------|------|-----------|----------|-------------------------|
| 3210                   | labour    | skilled                | 0.75 | nos  | 1185.00   | 888.75   | 3467.75                 |
|                        |           | Semi skilled           | 1.3  | nos  | 980.00    | 1274.00  |                         |
|                        |           | un skilled             | 1.5  | nos  | 870.00    | 1305.00  |                         |
|                        | materials | a.Cu wire              | 100  | Rm   | 430.00    | 43000.00 | 45200.00                |
|                        |           | b.Shaddle,Grips,Screws | 100  | LS   | 22.00     | 2200.00  |                         |
|                        |           |                        |      |      |           |          |                         |
|                        |           |                        |      |      |           |          | 48667.75                |
| Rate per Rm Rs. 559.67 |           |                        |      |      |           |          | 7300.16                 |
|                        |           |                        |      |      |           |          | 55967.91                |
|                        |           |                        |      |      |           |          | Actual rate             |
|                        |           |                        |      |      |           |          | 15% contractor overhead |
|                        |           |                        |      |      |           |          | Total (Rs.)             |

**211 10 mm<sup>2</sup> 4 core Nepal, Prakash Or NS**

|                       | sources   | Level                  | Qty  | Unit | Rate/unit | cost     | Total Cost              |
|-----------------------|-----------|------------------------|------|------|-----------|----------|-------------------------|
| 3211                  | labour    | skilled                | 0.75 | nos  | 1185.00   | 888.75   | 3467.75                 |
|                       |           | Semi skilled           | 1.3  | nos  | 980.00    | 1274.00  |                         |
|                       |           | un skilled             | 1.5  | nos  | 870.00    | 1305.00  |                         |
|                       | materials | a. Cu wire             | 100  | Rm   | 645.00    | 64500.00 | 66700.00                |
|                       |           | b.Shaddle,Grips,Screws | 100  | LS   | 22.00     | 2200.00  |                         |
|                       |           |                        |      |      |           |          |                         |
|                       |           |                        |      |      |           |          | 70167.75                |
| Rate perRm Rs. 806.93 |           |                        |      |      |           |          | 10525.16                |
|                       |           |                        |      |      |           |          | 80692.91                |
|                       |           |                        |      |      |           |          | Actual rate             |
|                       |           |                        |      |      |           |          | 15% contractor overhead |
|                       |           |                        |      |      |           |          | Total (Rs.)             |

**212 16 mm<sup>2</sup> 4 core Nepal, Prakash Or NS**

|                         | sources   | Level                  | Qty  | Unit | Rate/unit | cost     | Total Cost              |
|-------------------------|-----------|------------------------|------|------|-----------|----------|-------------------------|
| 3212                    | labour    | skilled                | 0.75 | nos  | 1185.00   | 888.75   | 3467.75                 |
|                         |           | Semi skilled           | 1.3  | nos  | 980.00    | 1274.00  |                         |
|                         |           | un skilled             | 1.5  | nos  | 870.00    | 1305.00  |                         |
|                         | materials | a.Cu wire              | 100  | Rm   | 941.00    | 94100.00 | 97400.00                |
|                         |           | b.Shaddle,Grips,Screws | 100  | LS   | 33.00     | 3300.00  |                         |
|                         |           |                        |      |      |           |          |                         |
|                         |           |                        |      |      |           |          | 100867.75               |
| Rate per Rm Rs. 1159.97 |           |                        |      |      |           |          | 15130.16                |
|                         |           |                        |      |      |           |          | 115997.91               |
|                         |           |                        |      |      |           |          | Actual rate             |
|                         |           |                        |      |      |           |          | 15% contractor overhead |
|                         |           |                        |      |      |           |          | Total (Rs.)             |

**213 25 mm<sup>2</sup> 4 core Nepal, Prakash Or NS**

|                         | sources   | Level                  | Qty | Unit | Rate/unit | cost      | Total Cost              |
|-------------------------|-----------|------------------------|-----|------|-----------|-----------|-------------------------|
| 3213                    | labour    | skilled                | 1   | nos  | 1185.00   | 1185.00   | 4395.00                 |
|                         |           | Semi skilled           | 1.5 | nos  | 980.00    | 1470.00   |                         |
|                         |           | un skilled             | 2   | nos  | 870.00    | 1740.00   |                         |
|                         | materials | a.Cu wire              | 100 | Rm   | 1398.00   | 139800.00 | 143100.00               |
|                         |           | b.Shaddle,Grips,Screws | 100 | LS   | 33.00     | 3300.00   |                         |
|                         |           |                        |     |      |           |           |                         |
|                         |           |                        |     |      |           |           | 147495.00               |
| Rate per Rm Rs. 1696.19 |           |                        |     |      |           |           | 22124.25                |
|                         |           |                        |     |      |           |           | 169619.25               |
|                         |           |                        |     |      |           |           | Actual rate             |
|                         |           |                        |     |      |           |           | 15% contractor overhead |
|                         |           |                        |     |      |           |           | Total (Rs.)             |

**ELECTRICAL RATE ANALYSIS**

**214 4 mm<sup>2</sup> core Nepal, Prakash Or NS**

|                         | sources       | Level                   | Qty  | Unit | Rate/unit | cost     | Total Cost |          |
|-------------------------|---------------|-------------------------|------|------|-----------|----------|------------|----------|
| 3214                    | labour        | skilled                 | 0.75 | nos  | 1185.00   | 888.75   | 3206.75    |          |
|                         |               | Semi skilled            | 1.30 | nos  | 980.00    | 1274.00  |            |          |
|                         |               | un skilled              | 1.20 | nos  | 870.00    | 1044.00  |            |          |
|                         | materials     | a.Cu wire               | 100  | Rm   | 199.00    | 19900.00 | 22100.00   |          |
|                         |               | b.Shaddle,Grips,Screws  | 100  | LS   | 22.00     | 2200.00  |            |          |
|                         |               |                         |      |      |           |          |            |          |
|                         |               |                         |      |      |           |          | 25306.75   |          |
| <b>Rate per set Rs.</b> | <b>291.02</b> | Actual rate             |      |      |           |          |            |          |
|                         |               | 15% contractor overhead |      |      |           |          |            | 3796.01  |
|                         |               | Total (Rs.)             |      |      |           |          |            | 29102.76 |

**Cable Shoe**

**215 16 mm<sup>2</sup> Cable Shoe**

|                         | sources      | Level                   | Qty | Unit | Rate/unit | cost  | Total Cost |       |
|-------------------------|--------------|-------------------------|-----|------|-----------|-------|------------|-------|
| 3215                    | labour       | skilled                 | 0   | nos  | 1185.00   | 0.00  | 0.00       |       |
|                         |              | Semi skilled            | 0   | nos  | 980.00    | 0.00  |            |       |
|                         |              | un skilled              | 0   | nos  | 870.00    | 0.00  |            |       |
|                         | materials    | a.Cable Shoe            | 1   | Rm   | 66.00     | 66.00 | 66.00      |       |
|                         |              | b.Saddle,Grips, Screws  | 1   | LS   | 0.00      | 0.00  |            |       |
|                         |              |                         |     |      |           |       |            |       |
|                         |              |                         |     |      |           |       | 66.00      |       |
|                         |              |                         |     |      |           |       | 66.00      |       |
| <b>Rate per Nos Rs.</b> | <b>75.90</b> | Actual rate             |     |      |           |       |            |       |
|                         |              | 15% contractor overhead |     |      |           |       |            | 9.90  |
|                         |              | Total (Rs.)             |     |      |           |       |            | 75.90 |

**Power cable copper conductor Un-Armored Nepal, Prakash Cable Or NS**

**216 4mm<sup>2</sup> 4 core Nepal, Prakash Or NS**

|                        | sources       | Level                   | Qty  | Unit | Rate/unit | cost     | Total Cost |          |
|------------------------|---------------|-------------------------|------|------|-----------|----------|------------|----------|
| 3216                   | labour        | skilled                 | 0.75 | nos  | 1185.00   | 888.75   | 3206.75    |          |
|                        |               | Semi skilled            | 1.3  | nos  | 980.00    | 1274.00  |            |          |
|                        |               | un skilled              | 1.2  | nos  | 870.00    | 1044.00  |            |          |
|                        | materials     | a.Cu wire               | 100  | Rm   | 263.00    | 26300.00 | 28500.00   |          |
|                        |               | b.Saddle,Grips, Screws  | 100  | LS   | 22.00     | 2200.00  |            |          |
|                        |               |                         |      |      |           |          |            |          |
|                        |               |                         |      |      |           |          | 31706.75   |          |
| <b>Rate per Rm Rs.</b> | <b>364.62</b> | Actual rate             |      |      |           |          |            |          |
|                        |               | 15% contractor overhead |      |      |           |          |            | 4756.01  |
|                        |               | Total (Rs.)             |      |      |           |          |            | 36462.76 |

**217 6 mm<sup>2</sup> 4 core Nepal, Prakash Or NS**

|                       | sources       | Level                   | Qty | Unit | Rate/unit | cost     | Total Cost |          |
|-----------------------|---------------|-------------------------|-----|------|-----------|----------|------------|----------|
| 3217                  | labour        | skilled                 | 1   | nos  | 1185.00   | 1185.00  | 4395.00    |          |
|                       |               | Semi skilled            | 1.5 | nos  | 980.00    | 1470.00  |            |          |
|                       |               | un skilled              | 2   | nos  | 870.00    | 1740.00  |            |          |
|                       | materials     | a.Cu wire               | 100 | Rm   | 365.00    | 36500.00 | 38200.00   |          |
|                       |               | b.PVCPipe/Listy         | Ls  |      |           | 1700.00  |            |          |
|                       |               |                         |     |      |           |          |            |          |
|                       |               |                         |     |      |           |          | 42595.00   |          |
| <b>Rate perRm Rs.</b> | <b>489.84</b> | Actual rate             |     |      |           |          |            |          |
|                       |               | 15% contractor overhead |     |      |           |          |            | 6389.25  |
|                       |               | Total (Rs.)             |     |      |           |          |            | 48984.25 |

**ELECTRICAL RATE ANALYSIS**

**218 10 mm<sup>2</sup> 4 core Nepal, Prakash Or NS**

|                         | sources   | Level                  | Qty | Unit | Rate/unit | cost     | Total Cost |
|-------------------------|-----------|------------------------|-----|------|-----------|----------|------------|
| 3218                    | labour    | skilled                | 1   | nos  | 1185.00   | 1185.00  | 4395.00    |
|                         |           | Semi skilled           | 1.5 | nos  | 980.00    | 1470.00  |            |
|                         |           | un skilled             | 2   | nos  | 870.00    | 1740.00  |            |
|                         | materials | a.Cu wire              | 100 | Rm   | 580.00    | 58000.00 | 60200.00   |
|                         |           | b.Saddle,Grips, Screws | 100 | LS   | 22.00     | 2200.00  |            |
|                         |           |                        |     |      |           |          |            |
| Actual rate             |           |                        |     |      |           |          | 64595.00   |
| 15% contractor overhead |           |                        |     |      |           |          | 9689.25    |
| Total (Rs.)             |           |                        |     |      |           |          | 74284.25   |

**Rate per Rm Rs. 742.84**

**219 16 mm<sup>2</sup> 4 core Nepal, Prakash Or NS**

|                         | sources   | Level                  | Qty | Unit | Rate/unit | cost     | Total Cost |
|-------------------------|-----------|------------------------|-----|------|-----------|----------|------------|
| 3219                    | labour    | skilled                | 1   | nos  | 1185.00   | 1185.00  | 4395.00    |
|                         |           | Semi skilled           | 1.5 | nos  | 980.00    | 1470.00  |            |
|                         |           | un skilled             | 2   | nos  | 870.00    | 1740.00  |            |
|                         | materials | a.Cu wire              | 100 | Rm   | 882.00    | 88200.00 | 91500.00   |
|                         |           | b.Saddle,Grips, Screws | 100 | LS   | 33.00     | 3300.00  |            |
|                         |           |                        |     |      |           |          |            |
| Actual rate             |           |                        |     |      |           |          | 95895.00   |
| 15% contractor overhead |           |                        |     |      |           |          | 14384.25   |
| Total (Rs.)             |           |                        |     |      |           |          | 110279.25  |

**Rate per Rm Rs. 1102.79**

**220 25 mm<sup>2</sup> 4 core Nepal, Prakash Or NS**

|                         | sources   | Level                  | Qty | Unit | Rate/unit | cost      | Total Cost |
|-------------------------|-----------|------------------------|-----|------|-----------|-----------|------------|
| 3220                    | labour    | skilled                | 1   | nos  | 1185.00   | 1185.00   | 5755.00    |
|                         |           | Semi skilled           | 2   | nos  | 980.00    | 1960.00   |            |
|                         |           | un skilled             | 3   | nos  | 870.00    | 2610.00   |            |
|                         | materials | a.Cu wire              | 100 | Rm   | 1376.00   | 137600.00 | 140900.00  |
|                         |           | b.Saddle,Grips, Screws | 100 | LS   | 33.00     | 3300.00   |            |
|                         |           |                        |     |      |           |           |            |
| Actual rate             |           |                        |     |      |           |           | 146655.00  |
| 15% contractor overhead |           |                        |     |      |           |           | 21998.25   |
| Total (Rs.)             |           |                        |     |      |           |           | 168653.25  |

**Rate per Rm Rs. 1686.53**

**Added Items**

**221 35 mm<sup>2</sup> 4 core Ar. Cu. Nepal, Prakash Or NS**

|                         | sources   | Level                  | Qty | Unit | Rate/unit | cost      | Total Cost |
|-------------------------|-----------|------------------------|-----|------|-----------|-----------|------------|
| 3221                    | labour    | skilled                | 1   | nos  | 1185.00   | 1185.00   | 5755.00    |
|                         |           | Semi skilled           | 2   | nos  | 980.00    | 1960.00   |            |
|                         |           | un skilled             | 3   | nos  | 870.00    | 2610.00   |            |
|                         | materials | a.Cu wire              | 100 | Rm   | 1883.00   | 188300.00 | 191600.00  |
|                         |           | b.Saddle,Grips, Screws | 100 | LS   | 33.00     | 3300.00   |            |
|                         |           |                        |     |      |           |           |            |
| Actual rate             |           |                        |     |      |           |           | 197355.00  |
| 15% contractor overhead |           |                        |     |      |           |           | 29603.25   |
| Total (Rs.)             |           |                        |     |      |           |           | 226958.25  |

**Rate per Rm. Rs. 2269.58**



**ELECTRICAL RATE ANALYSIS**

**222 50 mm<sup>2</sup> 4 core Ar. Cu. Nepal, Prakash Or NS**

|                          | sources   | Level                  | Qty | Unit | Rate/unit | cost      | Total Cost |
|--------------------------|-----------|------------------------|-----|------|-----------|-----------|------------|
| 3222                     | labour    | skilled                | 1.5 | nos  | 1185.00   | 1777.50   | 7272.50    |
|                          |           | Semi skilled           | 2.5 | nos  | 980.00    | 2450.00   |            |
|                          |           | un skilled             | 3.5 | nos  | 870.00    | 3045.00   |            |
|                          | materials | a.Cu wire              | 100 | Rm   | 2689.00   | 268900.00 | 272200.00  |
|                          |           | b.Saddle,Grips, Screws | 100 | LS   | 33.00     | 3300.00   |            |
|                          |           |                        |     |      |           |           |            |
|                          |           |                        |     |      |           |           | 279472.50  |
| Rate per Rm. Rs. 3213.93 |           |                        |     |      |           |           | 41920.88   |
|                          |           |                        |     |      |           |           | 321393.38  |

Actual rate  
15% contractor overhead  
Total (Rs.)

**223 70 mm<sup>2</sup> 4 core Ar. Cu. Nepal, Prakash Or NS**

|                          | sources   | Level                  | Qty | Unit | Rate/unit | cost      | Total Cost |
|--------------------------|-----------|------------------------|-----|------|-----------|-----------|------------|
| 3223                     | labour    | skilled                | 1.5 | nos  | 1185.00   | 1777.50   | 7272.50    |
|                          |           | Semi skilled           | 2.5 | nos  | 980.00    | 2450.00   |            |
|                          |           | un skilled             | 3.5 | nos  | 870.00    | 3045.00   |            |
|                          | materials | a.Cu wire              | 100 | Rm   | 3657.00   | 365700.00 | 369000.00  |
|                          |           | b.Saddle,Grips, Screws | 100 | LS   | 33.00     | 3300.00   |            |
|                          |           |                        |     |      |           |           |            |
|                          |           |                        |     |      |           |           | 376272.50  |
| Rate per Rm. Rs. 4327.13 |           |                        |     |      |           |           | 56440.88   |
|                          |           |                        |     |      |           |           | 432713.38  |

Actual rate  
15% contractor overhead  
Total (Rs.)

**224 6 mm<sup>2</sup> core Ar. Cu. Nepal, Prakash Or NS**

|                         | sources   | Level                  | Qty  | Unit | Rate/unit | cost     | Total Cost |
|-------------------------|-----------|------------------------|------|------|-----------|----------|------------|
| 3224                    | labour    | skilled                | 1    | nos  | 1185.00   | 1185.00  | 4395.00    |
|                         |           | Semi skilled           | 1.50 | nos  | 980.00    | 1470.00  |            |
|                         |           | un skilled             | 2.00 | nos  | 870.00    | 1740.00  |            |
|                         | materials | a.Cu wire              | 100  | Rm   | 257.00    | 25700.00 | 27900.00   |
|                         |           | b.Shaddle,Grips,Screws | 100  | LS   | 22.00     | 2200.00  |            |
|                         |           |                        |      |      |           |          |            |
|                         |           |                        |      |      |           |          | 32295.00   |
| Rate per set Rs. 371.39 |           |                        |      |      |           |          | 4844.25    |
|                         |           |                        |      |      |           |          | 37139.25   |

Actual rate  
15% contractor overhead  
Total (Rs.)

**225 10 mm<sup>2</sup> core Ar. Cu. Nepal, Prakash Or NS**

|                         | sources   | Level                  | Qty  | Unit | Rate/unit | cost     | Total Cost |
|-------------------------|-----------|------------------------|------|------|-----------|----------|------------|
| 3225                    | labour    | skilled                | 1    | nos  | 1185.00   | 1185.00  | 4395.00    |
|                         |           | Semi skilled           | 1.50 | nos  | 980.00    | 1470.00  |            |
|                         |           | un skilled             | 2.00 | nos  | 870.00    | 1740.00  |            |
|                         | materials | a.Cu wire              | 100  | Rm   | 387.00    | 38700.00 | 40900.00   |
|                         |           | b.Shaddle,Grips,Screws | 100  | LS   | 22.00     | 2200.00  |            |
|                         |           |                        |      |      |           |          |            |
|                         |           |                        |      |      |           |          | 45295.00   |
| Rate per set Rs. 520.89 |           |                        |      |      |           |          | 6794.25    |
|                         |           |                        |      |      |           |          | 52089.25   |

Actual rate  
15% contractor overhead  
Total (Rs.)

## ELECTRICAL RATE ANALYSIS

### 226 16 mm<sup>2</sup> core Ar. Cu. Nepal, Prakash Or NS

|                                | sources   | Level                  | Qty  | Unit | Rate/unit | cost     | Total Cost              |          |
|--------------------------------|-----------|------------------------|------|------|-----------|----------|-------------------------|----------|
| 3226                           | labour    | skilled                | 1    | nos  | 1185.00   | 1185.00  | 4395.00                 |          |
|                                |           | Semi skilled           | 1.50 | nos  | 980.00    | 1470.00  |                         |          |
|                                |           | un skilled             | 2.00 | nos  | 870.00    | 1740.00  |                         |          |
|                                | materials | a.Cu wire              | 100  | Rm   | 515.00    | 51500.00 | 53700.00                |          |
|                                |           | b.Shaddle,Grips,Screws | 100  | LS   | 22.00     | 2200.00  |                         |          |
|                                |           |                        |      |      |           |          |                         |          |
|                                |           |                        |      |      |           |          | 58095.00                |          |
| <b>Rate per set Rs. 668.09</b> |           |                        |      |      |           |          | 15% contractor overhead | 8714.25  |
|                                |           |                        |      |      |           |          | Total (Rs.)             | 66809.25 |

### 227 1x20 Watt F.T.L Patti fitting Crompton,Anchor,Bajaj or equivalent

|                                | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |         |
|--------------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|---------|
| 3227                           | labour    | skilled                   | 0.5 | nos  | 1185.00   | 592.50  | 1082.50                 |         |
|                                |           | Semi skilled              | 0.5 | nos  | 980.00    | 490.00  |                         |         |
|                                |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |         |
|                                | materials | a. Patti with chowk       | 10  | nos  | 242.00    | 2420.00 | 3470.00                 |         |
|                                |           | b. Rod, screw, grips etc. | 10  | LS   | 105.00    | 1050.00 |                         |         |
|                                |           |                           |     |      |           |         |                         |         |
|                                |           |                           |     |      |           |         | 4552.50                 |         |
| <b>Rate per set Rs. 523.53</b> |           |                           |     |      |           |         | 15% contractor overhead | 682.88  |
|                                |           |                           |     |      |           |         | Total (Rs.)             | 5235.38 |

### 228 1x40 Watt F.T.L Patti fitting Crompton,Anchor,Bajaj or equivalent

|                                | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost              |         |
|--------------------------------|-----------|---------------------------|-----|------|-----------|---------|-------------------------|---------|
| 3228                           | labour    | skilled                   | 0.5 | nos  | 1185.00   | 592.50  | 1082.50                 |         |
|                                |           | Semi skilled              | 0.5 | nos  | 980.00    | 490.00  |                         |         |
|                                |           | un skilled                | 0   | nos  | 870.00    | 0.00    |                         |         |
|                                | materials | a. Patti with chowk       | 10  | nos  | 263.00    | 2630.00 | 3680.00                 |         |
|                                |           | b. Rod, screw, grips etc. | 10  | LS   | 105.00    | 1050.00 |                         |         |
|                                |           |                           |     |      |           |         |                         |         |
|                                |           |                           |     |      |           |         | 4762.50                 |         |
| <b>Rate per set Rs. 547.68</b> |           |                           |     |      |           |         | 15% contractor overhead | 714.38  |
|                                |           |                           |     |      |           |         | Total (Rs.)             | 5476.88 |

### 229 1x/40 Watt F.T.L Box fitting Crompton,Anchor,Bajaj or equivalent

|                                | sources   | Level                    | Qty | Unit | Rate/unit | cost    | Total Cost              |         |
|--------------------------------|-----------|--------------------------|-----|------|-----------|---------|-------------------------|---------|
| 3229                           | labour    | skilled                  | 0.5 | nos  | 1185.00   | 592.50  | 1082.50                 |         |
|                                |           | Semi skilled             | 0.5 | nos  | 980.00    | 490.00  |                         |         |
|                                |           | un skilled               | 0   | nos  | 870.00    | 0.00    |                         |         |
|                                | materials | a. FTL Set               | 10  | nos  | 446.00    | 4460.00 | 5510.00                 |         |
|                                |           | b. Tube rod with starter | 10  | nos  | 96.00     | 960.00  |                         |         |
|                                |           | c. screw, grips etc.     | 10  | LS   | 9.00      | 90.00   |                         |         |
|                                |           |                          |     |      |           |         | 6592.50                 |         |
| <b>Rate per set Rs. 758.13</b> |           |                          |     |      |           |         | 15% contractor overhead | 988.88  |
|                                |           |                          |     |      |           |         | Total (Rs.)             | 7581.38 |

## ELECTRICAL RATE ANALYSIS

### 230 1x/20 Watt F.T.L Box fitting Crompton,Anchor,Bajaj or equivalent

| 3230                    | sources                  | Level | Qty | Unit | Rate/unit | cost    | Total Cost |
|-------------------------|--------------------------|-------|-----|------|-----------|---------|------------|
| labour                  | skilled                  |       | 0.5 | nos  | 1185.00   | 592.50  | 1082.50    |
|                         | Semi skilled             |       | 0.5 | nos  | 980.00    | 490.00  |            |
|                         | un skilled               |       | 0   | nos  | 870.00    | 0.00    |            |
| materials               | a. FTL Set               |       | 10  | nos  | 435.00    | 4350.00 | 5400.00    |
|                         | b. Tube rod with starter |       | 10  | nos  | 96.00     | 960.00  |            |
|                         | c. screw, grips etc.     |       | 10  | LS   | 9.00      | 90.00   |            |
|                         |                          |       |     |      |           |         |            |
| Actual rate             |                          |       |     |      |           |         | 6482.50    |
| 15% contractor overhead |                          |       |     |      |           |         | 972.38     |
| Total (Rs.)             |                          |       |     |      |           |         | 7454.88    |

**Rate per set Rs. 745.48**

### 231 Garden Post lamp HL 2220 width 165mm height 765mm mild steel post with PL lamp, Homedec or eqv.

| 3231                    | sources                  | Level | Qty | Unit | Rate/unit | cost | Total Cost |
|-------------------------|--------------------------|-------|-----|------|-----------|------|------------|
| labour                  | Garden light set         |       | 1   | set  | 0.00      | 0.00 | 0.00       |
|                         | 3% Transportation charge |       |     |      |           | 0.00 |            |
|                         | Accessories charge       |       | Ls  |      |           | 0.00 |            |
| materials               | Labour Charge            |       |     |      |           | 0.00 | 0.00       |
|                         |                          |       |     |      |           |      |            |
|                         |                          |       |     |      |           |      |            |
|                         |                          |       |     |      |           |      |            |
| Actual rate             |                          |       |     |      |           |      | 0.00       |
| 15% contractor overhead |                          |       |     |      |           |      | 0.00       |
| Total (Rs.)             |                          |       |     |      |           |      | 0.00       |

**Rate per set Rs. 0.00**

### 232 3x36 Watt CFL 4 Pin low glare fixture with electronic ballast complete set.

| 3232                    | sources              | Level | Qty | Unit | Rate/unit | cost     | Total Cost |
|-------------------------|----------------------|-------|-----|------|-----------|----------|------------|
| labour                  | skilled              |       | 1   | nos  | 1185.00   | 1185.00  | 2165.00    |
|                         | Semi skilled         |       | 1   | nos  | 980.00    | 980.00   |            |
|                         | un skilled           |       | 0   | nos  | 870.00    | 0.00     |            |
| materials               | a. CFL Set           |       | 10  | nos  | 7127.00   | 71270.00 | 71450.00   |
|                         | b. screw, grips etc. |       | 20  | LS   | 9.00      | 180.00   |            |
|                         |                      |       |     |      |           |          |            |
| Actual rate             |                      |       |     |      |           |          | 73615.00   |
| 15% contractor overhead |                      |       |     |      |           |          | 11042.25   |
| Total (Rs.)             |                      |       |     |      |           |          | 84657.25   |

**Rate per set Rs. 8465.72**

### 233 20 Pair Telephone cable(20\*2\*0.45)mm heavy.

| 3233                    | sources                    | Level | Qty | Unit | Rate/unit | cost     | Total Cost |
|-------------------------|----------------------------|-------|-----|------|-----------|----------|------------|
| labour                  | skilled                    |       | 1   | nos  | 1185.00   | 1185.00  | 4395.00    |
|                         | Semi skilled               |       | 1.5 | nos  | 980.00    | 1470.00  |            |
|                         | un skilled                 |       | 2   | nos  | 870.00    | 1740.00  |            |
| materials               | a. 20 pair telephone cable |       | 100 | Rm   | 124.00    | 12400.00 | 13391.00   |
|                         | b. HDP, hooks              |       | 100 | LS   | 9.91      | 991.00   |            |
|                         |                            |       |     |      |           |          |            |
| Actual rate             |                            |       |     |      |           |          | 17786.00   |
| 15% contractor overhead |                            |       |     |      |           |          | 2667.90    |
| Total (Rs.)             |                            |       |     |      |           |          | 20453.90   |

**Rate per/Rm set R: 204.53**

## ELECTRICAL RATE ANALYSIS

### 234 250 Amp MCCB Siemens/GE or Eqv.

|                           | sources   | Level                       | Qty | Unit | Rate/unit | cost     | Total Cost              |         |
|---------------------------|-----------|-----------------------------|-----|------|-----------|----------|-------------------------|---------|
| 3234                      | labour    | skilled                     | 0   | nos  | 1185.00   | 0.00     | 0.00                    |         |
|                           |           | Semi skilled                | 0   | nos  | 980.00    | 0.00     |                         |         |
|                           |           | un skilled                  | 0   | nos  | 870.00    | 0.00     |                         |         |
|                           | materials | a. MCCB 40 KA<br>Siemens/GE | 1   | nos  | 43417.00  | 43417.00 | 43417.00                |         |
|                           |           | b. CM, Screws, Grips etc.   | LS  |      |           |          |                         |         |
|                           |           |                             |     |      |           |          |                         |         |
|                           |           |                             |     |      |           |          | 43417.00                |         |
| Actual rate               |           |                             |     |      |           |          | 43417.00                |         |
| Rate per set Rs. 49929.55 |           |                             |     |      |           |          | 15% contractor overhead | 6512.55 |
| Total (Rs.)               |           |                             |     |      |           |          | 49929.55                |         |

### 235 320 Amp MCCB Siemens/GE or Eqv.

|                           | sources   | Level                       | Qty | Unit | Rate/unit | cost     | Total Cost              |         |
|---------------------------|-----------|-----------------------------|-----|------|-----------|----------|-------------------------|---------|
| 3235                      | labour    | skilled                     | 0   | nos  | 1185.00   | 0.00     | 0.00                    |         |
|                           |           | Semi skilled                | 0   | nos  | 980.00    | 0.00     |                         |         |
|                           |           | un skilled                  | 0   | nos  | 870.00    | 0.00     |                         |         |
|                           | materials | a. MCCB 40 KA<br>Siemens/GE | 1   | nos  | 51480.00  | 51480.00 | 51480.00                |         |
|                           |           | b. CM, Screws, Grips etc.   | LS  |      |           |          |                         |         |
|                           |           |                             |     |      |           |          |                         |         |
|                           |           |                             |     |      |           |          | 51480.00                |         |
| Actual rate               |           |                             |     |      |           |          | 51480.00                |         |
| Rate per set Rs. 59202.00 |           |                             |     |      |           |          | 15% contractor overhead | 7722.00 |
| Total (Rs.)               |           |                             |     |      |           |          | 59202.00                |         |

### 236 35 sq.mm cable shoe.

|                        | sources   | Level                    | Qty | Unit | Rate/unit | cost  | Total Cost              |      |
|------------------------|-----------|--------------------------|-----|------|-----------|-------|-------------------------|------|
| 3236                   | labour    | skilled                  | 0   | nos  | 1185.00   | 0.00  | 0.00                    |      |
|                        |           | Semi skilled             | 0   | nos  | 980.00    | 0.00  |                         |      |
|                        |           | un skilled               | 0   | nos  | 870.00    | 0.00  |                         |      |
|                        | materials | a. Cable Shoe            | 1   | Rm   | 66.00     | 66.00 | 66.00                   |      |
|                        |           | b. Saddle, Grips, Screws | 1   | LS   | 0.00      | 0.00  |                         |      |
|                        |           |                          |     |      |           |       |                         |      |
|                        |           |                          |     |      |           |       | 66.00                   |      |
| Actual rate            |           |                          |     |      |           |       | 66.00                   |      |
| Rate per Nos Rs. 75.90 |           |                          |     |      |           |       | 15% contractor overhead | 9.90 |
| Total (Rs.)            |           |                          |     |      |           |       | 75.90                   |      |

### 237 50 sq.mm cable shoe.

|                        | sources   | Level                    | Qty | Unit | Rate/unit | cost  | Total Cost              |       |
|------------------------|-----------|--------------------------|-----|------|-----------|-------|-------------------------|-------|
| 3237                   | labour    | skilled                  | 0   | nos  | 1185.00   | 0.00  | 0.00                    |       |
|                        |           | Semi skilled             | 0   | nos  | 980.00    | 0.00  |                         |       |
|                        |           | un skilled               | 0   | nos  | 870.00    | 0.00  |                         |       |
|                        | materials | a. Cable Shoe            | 1   | Rm   | 78.00     | 78.00 | 78.00                   |       |
|                        |           | b. Saddle, Grips, Screws | 1   | LS   | 0.00      | 0.00  |                         |       |
|                        |           |                          |     |      |           |       |                         |       |
|                        |           |                          |     |      |           |       | 78.00                   |       |
| Actual rate            |           |                          |     |      |           |       | 78.00                   |       |
| Rate per Nos Rs. 89.70 |           |                          |     |      |           |       | 15% contractor overhead | 11.70 |
| Total (Rs.)            |           |                          |     |      |           |       | 89.70                   |       |

**ELECTRICAL RATE ANALYSIS**

**238 70 sq.mm cable shoe.**

|                         | sources   | Level                  | Qty | Unit | Rate/unit | cost  | Total Cost |
|-------------------------|-----------|------------------------|-----|------|-----------|-------|------------|
| 3238                    | labour    | skilled                | 0   | nos  | 1185.00   | 0.00  |            |
|                         |           | Semi skilled           | 0   | nos  | 980.00    | 0.00  |            |
|                         |           | un skilled             | 0   | nos  | 870.00    | 0.00  |            |
|                         | materials | a.Cable Shoe           | 1   | Rm   | 96.00     | 96.00 | 96.00      |
|                         |           | b.Saddle,Grips, Screws | 1   | LS   | 0.00      | 0.00  |            |
|                         |           |                        |     |      |           |       |            |
|                         |           |                        |     |      |           |       | 96.00      |
| Actual rate             |           |                        |     |      |           |       | 96.00      |
| 15% contractor overhead |           |                        |     |      |           |       | 14.40      |
| Total (Rs.)             |           |                        |     |      |           |       | 110.40     |

**Rate per Nos. Rs. 110.40**

**239 70 sq mm 4 core copper un armoured cable.**

|                         | sources   | Level                  | Qty | Unit | Rate/unit | cost      | Total Cost |
|-------------------------|-----------|------------------------|-----|------|-----------|-----------|------------|
| 3239                    | labour    | skilled                | 1   | nos  | 1185.00   | 1185.00   | 5755.00    |
|                         |           | Semi skilled           | 2   | nos  | 980.00    | 1960.00   |            |
|                         |           | un skilled             | 3   | nos  | 870.00    | 2610.00   |            |
|                         | materials | a.Cu wire              | 100 | Rm   | 3604.00   | 360400.00 | 376429.50  |
|                         |           | b.Saddle,Grips, Screws | 100 | LS   | 33.00     | 3300.00   |            |
|                         |           |                        |     |      |           | 12729.50  |            |
|                         |           |                        |     |      |           |           | 376429.50  |
| Actual rate             |           |                        |     |      |           |           | 382184.50  |
| 15% contractor overhead |           |                        |     |      |           |           | 57327.68   |
| Total (Rs.)             |           |                        |     |      |           |           | 439512.18  |

**Rate per Rm. Rs. 4395.12**

**240 Stay GI Plate.**

|                         | sources   | Level            | Qty | Unit | Rate/unit | cost    | Total Cost |
|-------------------------|-----------|------------------|-----|------|-----------|---------|------------|
| 3240                    | labour    | skilled          | 0.5 | nos  | 1185.00   | 592.50  | 1082.50    |
|                         |           | Semi skilled     | 0.5 | nos  | 980.00    | 490.00  |            |
|                         |           | un skilled       | 0   | nos  | 870.00    | 0.00    |            |
|                         | materials | a Stay GI Plate. | 1   | nos  | 1237.00   | 1237.00 | 1237.00    |
|                         |           |                  |     |      |           |         |            |
|                         |           |                  |     |      |           |         |            |
| Actual rate             |           |                  |     |      |           |         | 2319.50    |
| 15% contractor overhead |           |                  |     |      |           |         | 347.93     |
| Total (Rs.)             |           |                  |     |      |           |         | 2667.43    |

**Rate per set Rs. 2667.42**

**241 Stay GI Wire**

|                         | sources   | Level           | Qty | Unit | Rate/unit | cost    | Total Cost |
|-------------------------|-----------|-----------------|-----|------|-----------|---------|------------|
| 3241                    | labour    | skilled         | 0.5 | nos  | 1185.00   | 592.50  | 1082.50    |
|                         |           | Semi skilled    | 0.5 | nos  | 980.00    | 490.00  |            |
|                         |           | un skilled      | 0   | nos  | 870.00    | 0.00    |            |
|                         | materials | a. Stay GI Wire | 1   | Nos  | 1234.00   | 1234.00 | 1234.00    |
|                         |           |                 |     |      |           |         |            |
|                         |           |                 |     |      |           |         |            |
| Actual rate             |           |                 |     |      |           |         | 2316.50    |
| 15% contractor overhead |           |                 |     |      |           |         | 347.48     |
| Total (Rs.)             |           |                 |     |      |           |         | 2663.97    |

**Rate per Nos Rs. 2663.97**

## ELECTRICAL RATE ANALYSIS

### 242 Disc Insulator

| 3242                    | sources        | Level | Qty | Unit | Rate/unit | cost     | Total Cost |
|-------------------------|----------------|-------|-----|------|-----------|----------|------------|
| labour                  | skilled        |       | 0   | nos  | 1185.00   | 0.00     | 0.00       |
|                         | Semi skilled   |       | 0   | nos  | 980.00    | 0.00     |            |
|                         | un skilled     |       | 0   | nos  | 870.00    | 0.00     |            |
| materials               | Disc Insulator |       | 10  | set  | 1033.00   | 10330.00 | 10330.00   |
|                         |                |       |     |      |           |          |            |
| Actual rate             |                |       |     |      |           |          | 10330.00   |
| 15% contractor overhead |                |       |     |      |           |          | 1549.50    |
| Total (Rs.)             |                |       |     |      |           |          | 11879.50   |

**Rate per set Rs. 1187.95**

### Orange, clipsal, ABB Switch Socket

### 243 10A 1 gang 1 way switch F

| 3243                    | sources                   | Level | Qty | Unit | Rate/unit | cost    | Total Cost |
|-------------------------|---------------------------|-------|-----|------|-----------|---------|------------|
| labour                  | skilled                   |       | 1   | nos  | 1185.00   | 1185.00 | 3145.00    |
|                         | Semi skilled              |       | 2   | nos  | 980.00    | 1960.00 |            |
|                         | un skilled                |       | 0   | nos  | 870.00    | 0.00    |            |
| materials               | a. Switch                 |       | 10  | nos  | 83.00     | 830.00  | 1480.00    |
|                         | b.M.Box                   |       | 10  | nos  | 54.00     | 540.00  |            |
|                         | c. CM, Screws, Grips etc. |       | 10  | LS   | 11.00     | 110.00  |            |
|                         |                           |       |     |      |           |         |            |
| Actual rate             |                           |       |     |      |           |         | 4625.00    |
| 15% contractor overhead |                           |       |     |      |           |         | 693.75     |
| Total (Rs.)             |                           |       |     |      |           |         | 5318.75    |

**Rate per set Rs. 531.87**

### 244 10A 1 gang 1 way switch S

| 3244                    | sources                   | Level | Qty | Unit | Rate/unit | cost   | Total Cost |
|-------------------------|---------------------------|-------|-----|------|-----------|--------|------------|
| labour                  | skilled                   |       | 0.5 | nos  | 1185.00   | 592.50 | 1572.50    |
|                         | Semi skilled              |       | 1   | nos  | 980.00    | 980.00 |            |
|                         | un skilled                |       | 0   | nos  | 870.00    | 0.00   |            |
| materials               | a. Switch                 |       | 10  | nos  | 83.00     | 830.00 | 1270.00    |
|                         | b PVC .Box                |       | 10  | nos  | 35.00     | 350.00 |            |
|                         | c. CM, Screws, Grips etc. |       | 10  | LS   | 9.00      | 90.00  |            |
|                         |                           |       |     |      |           |        |            |
| Actual rate             |                           |       |     |      |           |        | 2842.50    |
| 15% contractor overhead |                           |       |     |      |           |        | 426.38     |
| Total (Rs.)             |                           |       |     |      |           |        | 3268.88    |

**Rate per set Rs. 326.88**

### 245 10A 2 gang 1 way switch. F

| 3245                    | sources                   | Level | Qty | Unit | Rate/unit | cost    | Total Cost |
|-------------------------|---------------------------|-------|-----|------|-----------|---------|------------|
| labour                  | skilled                   |       | 1   | nos  | 1185.00   | 1185.00 | 3145.00    |
|                         | Semi skilled              |       | 2   | nos  | 980.00    | 1960.00 |            |
|                         | un skilled                |       | 0   | nos  | 870.00    | 0.00    |            |
| materials               | a. Switch                 |       | 10  | nos  | 163.00    | 1630.00 | 2280.00    |
|                         | b.M.Box                   |       | 10  | nos  | 54.00     | 540.00  |            |
|                         | c. CM, Screws, Grips etc. |       | 10  | LS   | 11.00     | 110.00  |            |
|                         |                           |       |     |      |           |         |            |
| Actual rate             |                           |       |     |      |           |         | 5425.00    |
| 15% contractor overhead |                           |       |     |      |           |         | 813.75     |
| Total (Rs.)             |                           |       |     |      |           |         | 6238.75    |

**Rate per set Rs. 623.87**

### ELECTRICAL RATE ANALYSIS

#### 246 10A 2 gang 1 way switch S

|                                | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost |
|--------------------------------|-----------|---------------------------|-----|------|-----------|---------|------------|
| 3246                           | labour    | skilled                   | 0.5 | nos  | 1185.00   | 592.50  | 1572.50    |
|                                |           | Semi skilled              | 1   | nos  | 980.00    | 980.00  |            |
|                                |           | un skilled                | 0   | nos  | 870.00    | 0.00    |            |
|                                | materials | a. Switch                 | 10  | nos  | 163.00    | 1630.00 | 2070.00    |
|                                |           | b PVC .Box                | 10  | nos  | 35.00     | 350.00  |            |
|                                |           | c. CM, Screws, Grips etc. | 10  | LS   | 9.00      | 90.00   |            |
|                                |           |                           |     |      |           |         |            |
|                                |           |                           |     |      |           |         | 3642.50    |
| <b>Rate per set Rs. 418.88</b> |           |                           |     |      |           |         | 546.38     |
|                                |           |                           |     |      |           |         | 4188.88    |

Actual rate  
15% contractor overhead  
Total (Rs.)

#### 247 10A 3 gang 1 way switch. F

|                                | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost |
|--------------------------------|-----------|---------------------------|-----|------|-----------|---------|------------|
| 3247                           | labour    | skilled                   | 1   | nos  | 1185.00   | 1185.00 | 3145.00    |
|                                |           | Semi skilled              | 2   | nos  | 980.00    | 1960.00 |            |
|                                |           | un skilled                | 0   | nos  | 870.00    | 0.00    |            |
|                                | materials | a. Switch                 | 10  | nos  | 216.00    | 2160.00 | 2850.00    |
|                                |           | b.M. Box                  | 10  | nos  | 58.00     | 580.00  |            |
|                                |           | c. CM, Screws, Grips etc. | 10  | LS   | 11.00     | 110.00  |            |
|                                |           |                           |     |      |           |         |            |
|                                |           |                           |     |      |           |         | 5995.00    |
| <b>Rate per set Rs. 689.42</b> |           |                           |     |      |           |         | 899.25     |
|                                |           |                           |     |      |           |         | 6894.25    |

Actual rate  
15% contractor overhead  
Total (Rs.)

#### 248 10A 3 gang 1 way switch. S

|                                | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost |
|--------------------------------|-----------|---------------------------|-----|------|-----------|---------|------------|
| 3248                           | labour    | skilled                   | 0.5 | nos  | 1185.00   | 592.50  | 1572.50    |
|                                |           | Semi skilled              | 1   | nos  | 980.00    | 980.00  |            |
|                                |           | un skilled                | 0   | nos  | 870.00    | 0.00    |            |
|                                | materials | a. Switch                 | 10  | nos  | 216.00    | 2160.00 | 2600.00    |
|                                |           | b.PVC Box                 | 10  | nos  | 35.00     | 350.00  |            |
|                                |           | c. CM, Screws, Grips etc. | 10  | LS   | 9.00      | 90.00   |            |
|                                |           |                           |     |      |           |         |            |
|                                |           |                           |     |      |           |         | 4172.50    |
| <b>Rate per set Rs. 479.83</b> |           |                           |     |      |           |         | 625.88     |
|                                |           |                           |     |      |           |         | 4798.38    |

Actual rate  
15% contractor overhead  
Total (Rs.)

#### 249 10A4 gang 1 way switch. F

|                                | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost |
|--------------------------------|-----------|---------------------------|-----|------|-----------|---------|------------|
| 3249                           | labour    | skilled                   | 1   | nos  | 1185.00   | 1185.00 | 3145.00    |
|                                |           | Semi skilled              | 2   | nos  | 980.00    | 1960.00 |            |
|                                |           | un skilled                | 0   | nos  | 870.00    | 0.00    |            |
|                                | materials | a. Switch                 | 10  | nos  | 350.00    | 3500.00 | 4320.00    |
|                                |           | b.M Box                   | 10  | nos  | 71.00     | 710.00  |            |
|                                |           | c. CM, Screws, Grips etc. | 10  | LS   | 11.00     | 110.00  |            |
|                                |           |                           |     |      |           |         |            |
|                                |           |                           |     |      |           |         | 7465.00    |
| <b>Rate per set Rs. 858.47</b> |           |                           |     |      |           |         | 1119.75    |
|                                |           |                           |     |      |           |         | 8584.75    |

Actual rate  
15% contractor overhead  
Total (Rs.)

## ELECTRICAL RATE ANALYSIS

### 250 10A4 gang 1 way switch S

|                                | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost |
|--------------------------------|-----------|---------------------------|-----|------|-----------|---------|------------|
| 3250                           | labour    | skilled                   | 0.5 | nos  | 1185.00   | 592.50  | 1572.50    |
|                                |           | Semi skilled              | 1   | nos  | 980.00    | 980.00  |            |
|                                |           | un skilled                | 0   | nos  | 870.00    | 0.00    |            |
|                                | materials | a. Switch                 | 10  | nos  | 350.00    | 3500.00 | 3940.00    |
|                                |           | b.PVC Box                 | 10  | nos  | 35.00     | 350.00  |            |
|                                |           | c. CM, Screws, Grips etc. | 10  | LS   | 9.00      | 90.00   |            |
|                                |           |                           |     |      |           |         |            |
|                                |           |                           |     |      |           |         | 5512.50    |
| Actual rate                    |           |                           |     |      |           |         | 826.88     |
| 15% contractor overhead        |           |                           |     |      |           |         | 6339.38    |
| Total (Rs.)                    |           |                           |     |      |           |         |            |
| <b>Rate per set Rs. 633.93</b> |           |                           |     |      |           |         |            |

### 251 10A5 gang 1 way switch. F

|                                | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost |
|--------------------------------|-----------|---------------------------|-----|------|-----------|---------|------------|
| 3251                           | labour    | skilled                   | 1   | nos  | 1185.00   | 1185.00 | 3145.00    |
|                                |           | Semi skilled              | 2   | nos  | 980.00    | 1960.00 |            |
|                                |           | un skilled                | 0   | nos  | 870.00    | 0.00    |            |
|                                | materials | a. Switch                 | 10  | nos  | 371.00    | 3710.00 | 5210.00    |
|                                |           | b.M Box                   | 10  | nos  | 139.00    | 1390.00 |            |
|                                |           | c. CM, Screws, Grips etc. | 10  | LS   | 11.00     | 110.00  |            |
|                                |           |                           |     |      |           |         |            |
|                                |           |                           |     |      |           |         | 8355.00    |
| Actual rate                    |           |                           |     |      |           |         | 1253.25    |
| 15% contractor overhead        |           |                           |     |      |           |         | 9608.25    |
| Total (Rs.)                    |           |                           |     |      |           |         |            |
| <b>Rate per set Rs. 960.82</b> |           |                           |     |      |           |         |            |

### 252 10A5 gang 1 way switch S

|                                | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost |
|--------------------------------|-----------|---------------------------|-----|------|-----------|---------|------------|
| 3252                           | labour    | skilled                   | 0.5 | nos  | 1185.00   | 592.50  | 1572.50    |
|                                |           | Semi skilled              | 1   | nos  | 980.00    | 980.00  |            |
|                                |           | un skilled                | 0   | nos  | 870.00    | 0.00    |            |
|                                | materials | a. Switch                 | 10  | nos  | 371.00    | 3710.00 | 4150.00    |
|                                |           | b.PVC Box                 | 10  | nos  | 35.00     | 350.00  |            |
|                                |           | c. CM, Screws, Grips etc. | 10  | LS   | 9.00      | 90.00   |            |
|                                |           |                           |     |      |           |         |            |
|                                |           |                           |     |      |           |         | 5722.50    |
| Actual rate                    |           |                           |     |      |           |         | 858.38     |
| 15% contractor overhead        |           |                           |     |      |           |         | 6580.88    |
| Total (Rs.)                    |           |                           |     |      |           |         |            |
| <b>Rate per set Rs. 658.08</b> |           |                           |     |      |           |         |            |

### 253 10A6 gang 1 way switch. F

|                                 | sources   | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost |
|---------------------------------|-----------|---------------------------|-----|------|-----------|---------|------------|
| 3253                            | labour    | skilled                   | 2   | nos  | 1185.00   | 2370.00 | 6290.00    |
|                                 |           | Semi skilled              | 4   | nos  | 980.00    | 3920.00 |            |
|                                 |           | un skilled                | 0   | nos  | 870.00    | 0.00    |            |
|                                 | materials | a. Switch                 | 10  | nos  | 617.00    | 6170.00 | 7700.00    |
|                                 |           | b.M Box                   | 10  | nos  | 142.00    | 1420.00 |            |
|                                 |           | c. CM, Screws, Grips etc. | 10  | LS   | 11.00     | 110.00  |            |
|                                 |           |                           |     |      |           |         |            |
|                                 |           |                           |     |      |           |         | 13990.00   |
| Actual rate                     |           |                           |     |      |           |         | 2098.50    |
| 15% contractor overhead         |           |                           |     |      |           |         | 16088.50   |
| Total (Rs.)                     |           |                           |     |      |           |         |            |
| <b>Rate per set Rs. 1608.85</b> |           |                           |     |      |           |         |            |



## ELECTRICAL RATE ANALYSIS

### 254 10A6 gang 1 way switch S

|                         | sources        | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost |
|-------------------------|----------------|---------------------------|-----|------|-----------|---------|------------|
| 3254                    | labour         | skilled                   | 1   | nos  | 1185.00   | 1185.00 | 3145.00    |
|                         |                | Semi skilled              | 2   | nos  | 980.00    | 1960.00 |            |
|                         |                | un skilled                | 0   | nos  | 870.00    | 0.00    |            |
|                         | materials      | a. Switch                 | 10  | nos  | 617.00    | 6170.00 | 6580.00    |
|                         |                | b.PVC Box                 | 10  | nos  | 32.00     | 320.00  |            |
|                         |                | c. CM, Screws, Grips etc. | 10  | LS   | 9.00      | 90.00   |            |
|                         |                |                           |     |      |           |         |            |
|                         |                |                           |     |      |           |         | 9725.00    |
| <b>Rate per set Rs.</b> | <b>1118.37</b> | Actual rate               |     |      |           |         |            |
|                         |                | 15% contractor overhead   |     |      |           |         | 1458.75    |
|                         |                | Total (Rs.)               |     |      |           |         | 11183.75   |

### 255 10A 1 gang 2 way switch.

|                         | sources       | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost |
|-------------------------|---------------|---------------------------|-----|------|-----------|---------|------------|
| 3255                    | labour        | skilled                   | 0.5 | nos  | 1185.00   | 592.50  | 1572.50    |
|                         |               | Semi skilled              | 1   | nos  | 980.00    | 980.00  |            |
|                         |               | un skilled                | 0   | nos  | 870.00    | 0.00    |            |
|                         | materials     | a. Switch                 | 10  | nos  | 144.00    | 1440.00 | 2090.00    |
|                         |               | b.M Box                   | 10  | nos  | 54.00     | 540.00  |            |
|                         |               | c. CM, Screws, Grips etc. | 10  | LS   | 11.00     | 110.00  |            |
|                         |               |                           |     |      |           |         |            |
|                         |               |                           |     |      |           |         | 3662.50    |
| <b>Rate per set Rs.</b> | <b>421.18</b> | Actual rate               |     |      |           |         |            |
|                         |               | 15% contractor overhead   |     |      |           |         | 549.38     |
|                         |               | Total (Rs.)               |     |      |           |         | 4211.88    |

### 256 T.V Socket

|                         | sources       | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost |
|-------------------------|---------------|---------------------------|-----|------|-----------|---------|------------|
| 3256                    | labour        | skilled                   | 1   | nos  | 1185.00   | 1185.00 | 3145.00    |
|                         |               | Semi skilled              | 2   | nos  | 980.00    | 1960.00 |            |
|                         |               | un skilled                | 0   | nos  | 870.00    | 0.00    |            |
|                         | materials     | a. T.V. Socket            | 10  | nos  | 299.00    | 2990.00 | 3640.00    |
|                         |               | b.PVC /M Box              | 10  | nos  | 54.00     | 540.00  |            |
|                         |               | c. CM, Screws, Grips etc. | 10  | LS   | 11.00     | 110.00  |            |
|                         |               |                           |     |      |           |         |            |
|                         |               |                           |     |      |           |         | 6785.00    |
| <b>Rate per set Rs.</b> | <b>780.27</b> | Actual rate               |     |      |           |         |            |
|                         |               | 15% contractor overhead   |     |      |           |         | 1017.75    |
|                         |               | Total (Rs.)               |     |      |           |         | 7802.75    |

### 257 T.Phone Socket

|                         | sources       | Level                     | Qty | Unit | Rate/unit | cost    | Total Cost |
|-------------------------|---------------|---------------------------|-----|------|-----------|---------|------------|
| 3257                    | labour        | skilled                   | 1   | nos  | 1185.00   | 1185.00 | 3145.00    |
|                         |               | Semi skilled              | 2   | nos  | 980.00    | 1960.00 |            |
|                         |               | un skilled                | 0   | nos  | 870.00    | 0.00    |            |
|                         | materials     | a. Tel. Socket            | 10  | nos  | 268.00    | 2680.00 | 3330.00    |
|                         |               | b.PVC /M Box              | 10  | nos  | 54.00     | 540.00  |            |
|                         |               | c. CM, Screws, Grips etc. | 10  | LS   | 11.00     | 110.00  |            |
|                         |               |                           |     |      |           |         |            |
|                         |               |                           |     |      |           |         | 6475.00    |
| <b>Rate per set Rs.</b> | <b>744.62</b> | Actual rate               |     |      |           |         |            |
|                         |               | 15% contractor overhead   |     |      |           |         | 971.25     |
|                         |               | Total (Rs.)               |     |      |           |         | 7446.25    |

## ELECTRICAL RATE ANALYSIS

### Addition Items

#### **258 6 watt S. Square type LED down light set.**

| 3258                           | sources   | Level                                       | Qty | Unit | Rate/unit | cost    | Total Cost                 |
|--------------------------------|-----------|---|-----|------|-----------|---------|----------------------------|
|                                | labour    | skilled                                     | 0.5 | nos  | 1185.00   | 592.50  | 1082.50                    |
|                                |           | Semi skilled                                | 0.5 | nos  | 980.00    | 490.00  |                            |
|                                |           | un skilled                                  | 0   | nos  | 870.00    | 0.00    |                            |
|                                | materials | a.6 watt S. Square type LED down light set. | 10  | nos  | 444.00    | 4440.00 | 4760.00                    |
|                                |           | b. screw, grips etc.                        | 10  | LS   | 32.00     | 320.00  |                            |
|                                |           |   |     |      |           |         |                            |
| Actual rate                    |           |   |     |      |           |         | 5842.50                    |
| 15% contractor overhead        |           |   |     |      |           |         | 876.38                     |
| <b>Rate per set Rs. 671.88</b> |           |   |     |      |           |         | <b>Total (Rs.) 6718.88</b> |

#### **259 12 watt S. Square type LED down light set.**

| 3259                           | sources   | Level  | Qty | Unit | Rate/unit | cost    | Total Cost                 |
|--------------------------------|-----------|--|-----|------|-----------|---------|----------------------------|
|                                | labour    | skilled                                      | 0.5 | nos  | 1185.00   | 592.50  | 1082.50                    |
|                                |           | Semi skilled                                 | 0.5 | nos  | 980.00    | 490.00  |                            |
|                                |           | un skilled                                   | 0   | nos  | 870.00    | 0.00    |                            |
|                                | materials | a.12 watt S. Square type LED down light set. | 10  | nos  | 628.00    | 6280.00 | 6600.00                    |
|                                |           | b. screw, grips etc.                         | 10  | LS   | 32.00     | 320.00  |                            |
|                                |           |  |     |      |           |         |                            |
| Actual rate                    |           |  |     |      |           |         | 7682.50                    |
| 15% contractor overhead        |           |  |     |      |           |         | 1152.38                    |
| <b>Rate per set Rs. 883.48</b> |           |  |     |      |           |         | <b>Total (Rs.) 8834.88</b> |

#### **260 18 watt S. Square type LED down light set.**

| 3260                            | sources   | Level  | Qty | Unit | Rate/unit | cost    | Total Cost                  |
|---------------------------------|-----------|--|-----|------|-----------|---------|-----------------------------|
|                                 | labour    | skilled                                      | 0.5 | nos  | 1185.00   | 592.50  | 1082.50                     |
|                                 |           | Semi skilled                                 | 0.5 | nos  | 980.00    | 490.00  |                             |
|                                 |           | un skilled                                   | 0   | nos  | 870.00    | 0.00    |                             |
|                                 | materials | a.18 watt S. Square type LED down light set. | 10  | nos  | 779.00    | 7790.00 | 8110.00                     |
|                                 |           | b. screw, grips etc.                         | 10  | Ls   | 32.00     | 320.00  |                             |
|                                 |           |  |     |      |           | 0.00    |                             |
| Actual rate                     |           |  |     |      |           |         | 9192.50                     |
| 15% contractor overhead         |           |  |     |      |           |         | 1378.88                     |
| <b>Rate per set Rs. 1057.13</b> |           |  |     |      |           |         | <b>Total (Rs.) 10571.38</b> |

### ELECTRICAL RATE ANALYSIS

#### 261 6 watt S. Round type LED down light set.

| 3261                           | sources                                    | Level | Qty | Unit | Rate/unit | cost    | Total Cost                 |
|--------------------------------|--|-------|-----|------|-----------|---------|----------------------------|
| labour                         | skilled                                    |       | 0.5 | nos  | 1185.00   | 592.50  | 1082.50                    |
|                                | Semi skilled                               |       | 0.5 | nos  | 980.00    | 490.00  |                            |
|                                | un skilled                                 |       | 0   | nos  | 870.00    | 0.00    |                            |
| materials                      | a.6 watt S. Round type LED down light set. |       | 10  | nos  | 444.00    | 4440.00 | 4760.00                    |
|                                | b.screw, grips etc.                        |       | 10  | Ls   | 32.00     | 320.00  |                            |
|                                |  |       |     |      |           |         |                            |
| Actual rate                    |  |       |     |      |           |         | 5842.50                    |
| 15% contractor overhead        |  |       |     |      |           |         | 876.38                     |
| <b>Rate per set Rs. 671.88</b> |  |       |     |      |           |         | <b>Total (Rs.) 6718.88</b> |

#### 262 12 watt S. Round type LED down light set.

| 3262                           | sources                                     | Level | Qty | Unit | Rate/unit | cost    | Total Cost                 |
|--------------------------------|---|-------|-----|------|-----------|---------|----------------------------|
| labour                         | skilled                                     |       | 0.5 | nos  | 1185.00   | 592.50  | 1082.50                    |
|                                | Semi skilled                                |       | 0.5 | nos  | 980.00    | 490.00  |                            |
|                                | un skilled                                  |       | 0   | nos  | 870.00    | 0.00    |                            |
| materials                      | a.12 watt S. Round type LED down light set. |       | 10  | nos  | 628.00    | 6280.00 | 6600.00                    |
|                                | b.screw, grips etc.                         |       | 10  | Ls   | 32.00     | 320.00  |                            |
|                                |   |       |     |      |           | 0.00    |                            |
| Actual rate                    |   |       |     |      |           |         | 7682.50                    |
| 15% contractor overhead        |   |       |     |      |           |         | 1152.38                    |
| <b>Rate per set Rs. 883.48</b> |   |       |     |      |           |         | <b>Total (Rs.) 8834.88</b> |
| Actual rate                    |   |       |     |      |           |         | 8834.88                    |

#### 263 18 watt S. Round type LED down light set.

| 3263                            | sources                                     | Level | Qty | Unit | Rate/unit | cost    | Total Cost                  |
|---------------------------------|---|-------|-----|------|-----------|---------|-----------------------------|
| labour                          | skilled                                     |       | 0.5 | nos  | 1185.00   | 592.50  | 1082.50                     |
|                                 | Semi skilled                                |       | 0.5 | nos  | 980.00    | 490.00  |                             |
|                                 | un skilled                                  |       | 0   | nos  | 870.00    | 0.00    |                             |
| materials                       | a.18 watt S. Round type LED down light set. |       | 10  | nos  | 783.00    | 7830.00 | 8150.00                     |
|                                 | b.screw, grips etc.                         |       | 10  | Ls   | 32.00     | 320.00  |                             |
|                                 |   |       |     |      |           | 0.00    |                             |
| Actual rate                     |   |       |     |      |           |         | 9232.50                     |
| 15% contractor overhead         |   |       |     |      |           |         | 1384.88                     |
| <b>Rate per set Rs. 1061.73</b> |   |       |     |      |           |         | <b>Total (Rs.) 10617.38</b> |
| Actual rate                     |   |       |     |      |           |         | 10617.38                    |

**ELECTRICAL RATE ANALYSIS**

**264 6 watt R.Square type Led down light set.**

| 3264                           | sources                                    | Level | Qty | Unit | Rate/unit | cost    | Total Cost     |
|--------------------------------|--|-------|-----|------|-----------|---------|----------------|
| labour                         | skilled                                    |       | 0.5 | nos  | 1185.00   | 592.50  | 1082.50        |
|                                | Semi skilled                               |       | 0.5 | nos  | 980.00    | 490.00  |                |
|                                | un skilled                                 |       | 0   | nos  | 870.00    | 0.00    |                |
| materials                      | a.6 watt R.Square type Led down light set. |       | 10  | nos  | 423.00    | 4230.00 | 4550.00        |
|                                | b. screw, grips etc.                       |       | 10  | Ls   | 32.00     | 320.00  |                |
|                                |  |       |     |      |           | 0.00    |                |
|                                |  |       |     |      |           | 0.00    |                |
|                                |  |       |     |      |           | 0.00    |                |
|                                |  |       |     |      |           | 0.00    |                |
| Actual rate                    |  |       |     |      |           |         | 5632.50        |
| 15% contractor overhead        |  |       |     |      |           |         | 844.88         |
| <b>Rate per set Rs. 647.73</b> | Total (Rs.)                                |       |     |      |           |         | <b>6477.38</b> |

**265 12 watt R.Square type Led down light set.**

| 3265                           | sources                                   | Level | Qty | Unit | Rate/unit | cost    | Total Cost     |
|--------------------------------|---|-------|-----|------|-----------|---------|----------------|
| labour                         | skilled                                   |       | 0.5 | nos  | 1185.00   | 592.50  | 1082.50        |
|                                | Semi skilled                              |       | 0.5 | nos  | 980.00    | 490.00  |                |
|                                | un skilled                                |       | 0   | nos  | 870.00    | 0.00    |                |
| materials                      | 12 watt R.Square type Led down light set. |       | 10  | nos  | 557.00    | 5570.00 | 5890.00        |
|                                | e. screw, grips etc.                      |       | 10  | Ls   | 32.00     | 320.00  |                |
|                                |   |       |     |      |           | 0.00    |                |
|                                |   |       |     |      |           | 0.00    |                |
|                                |   |       |     |      |           | 0.00    |                |
|                                |   |       |     |      |           | 0.00    |                |
| Actual rate                    |   |       |     |      |           |         | 6972.50        |
| 15% contractor overhead        |   |       |     |      |           |         | 1045.88        |
| <b>Rate per set Rs. 801.83</b> | Total (Rs.)                               |       |     |      |           |         | <b>8018.38</b> |

**266 18 watt R.Square type Led down light set.**

| 3266                            | sources                                     | Level | Qty | Unit | Rate/unit | cost    | Total Cost      |
|---------------------------------|---|-------|-----|------|-----------|---------|-----------------|
| labour                          | skilled                                     |       | 0.5 | nos  | 1185.00   | 592.50  | 1082.50         |
|                                 | Semi skilled                                |       | 0.5 | nos  | 980.00    | 490.00  |                 |
|                                 | un skilled                                  |       | 0   | nos  | 870.00    | 0.00    |                 |
| materials                       | a.18 watt R.Square type Led down light set. |       | 10  | nos  | 746.00    | 7460.00 | 7780.00         |
|                                 | b. screw, grips etc.                        |       | 10  | Ls   | 32.00     | 320.00  |                 |
|                                 |   |       |     |      |           | 0.00    |                 |
|                                 |   |       |     |      |           | 0.00    |                 |
|                                 |   |       |     |      |           | 0.00    |                 |
|                                 |   |       |     |      |           | 0.00    |                 |
| Actual rate                     |   |       |     |      |           |         | 8862.50         |
| 15% contractor overhead         |   |       |     |      |           |         | 1329.38         |
| <b>Rate per set Rs. 1019.18</b> | Total (Rs.)                                 |       |     |      |           |         | <b>10191.88</b> |

## ELECTRICAL RATE ANALYSIS

### 267 6 watt R.Round type Led down light set.

| sources                        | Level                                     | Qty | Unit | Rate/unit | cost    | Total Cost |
|--------------------------------|---|-----|------|-----------|---------|------------|
| 3267 labour                    | skilled                                   | 0.5 | nos  | 1185.00   | 592.50  | 1082.50    |
|                                | Semi skilled                              | 0.5 | nos  | 980.00    | 490.00  |            |
|                                | un skilled                                | 0   | nos  | 870.00    | 0.00    |            |
| materials                      | a.6 watt R.Round type Led down light set. | 10  | nos  | 423.00    | 4230.00 | 4550.00    |
|                                | b. screw, grips , etc.                    | 10  | Ls   | 32.00     | 320.00  |            |
|                                |   |     |      |           | 0.00    |            |
|                                |   |     |      |           | 0.00    |            |
|                                |   |     |      |           | 0.00    |            |
| Actual rate                    |   |     |      |           |         | 5632.50    |
| 15% contractor overhead        |   |     |      |           |         | 844.88     |
| Total (Rs.)                    |   |     |      |           |         | 6477.38    |
| <b>Rate per set Rs. 647.73</b> |   |     |      |           |         |            |

### 268 12 watt R.Round type Led down light set.

| sources                        | Level                                      | Qty | Unit | Rate/unit | cost    | Total Cost |
|--------------------------------|--|-----|------|-----------|---------|------------|
| 3268 labour                    | skilled                                    | 0.5 | nos  | 1185.00   | 592.50  | 1082.50    |
|                                | Semi skilled                               | 0.5 | nos  | 980.00    | 490.00  |            |
|                                | un skilled                                 | 0   | nos  | 870.00    | 0.00    |            |
| materials                      | a.12 watt R.Round type Led down light set. | 10  | nos  | 557.00    | 5570.00 | 5890.00    |
|                                | b. screw, grips , etc.                     | 10  | Ls   | 32.00     | 320.00  |            |
|                                |  |     |      |           | 0.00    |            |
|                                |  |     |      |           | 0.00    |            |
|                                |  |     |      |           | 0.00    |            |
| Actual rate                    |  |     |      |           |         | 6972.50    |
| 15% contractor overhead        |  |     |      |           |         | 1045.88    |
| Total (Rs.)                    |  |     |      |           |         | 8018.38    |
| <b>Rate per set Rs. 801.83</b> |  |     |      |           |         |            |

### 269 18 watt R.Round type Led down light set.

| sources                         | Level                                    | Qty | Unit | Rate/unit | cost    | Total Cost |
|---------------------------------|--|-----|------|-----------|---------|------------|
| 3269 labour                     | skilled                                  | 0.5 | nos  | 1185.00   | 592.50  | 1082.50    |
|                                 | Semi skilled                             | 0.5 | nos  | 980.00    | 490.00  |            |
|                                 | un skilled                               | 0   | nos  | 870.00    | 0.00    |            |
| materials                       | 18 watt R.Round type Led down light set. | 10  | nos  | 746.00    | 7460.00 | 7780.00    |
|                                 | d. screw, grips , etc.                   | 10  | nos  | 32.00     | 320.00  |            |
|                                 |  |     |      |           | 0.00    |            |
|                                 |  |     |      |           | 0.00    |            |
|                                 |  |     |      |           | 0.00    |            |
| Actual rate                     |  |     |      |           |         | 8862.50    |
| 15% contractor overhead         |  |     |      |           |         | 1329.38    |
| Total (Rs.)                     |  |     |      |           |         | 10191.88   |
| <b>Rate per set Rs. 1019.18</b> |  |     |      |           |         |            |

## ELECTRICAL RATE ANALYSIS

### 270                      38 watt 2'x2' LED panel light set.

|                                    | sources   | Level                                | Qty | Unit | Rate/unit | cost     | Total Cost                                       |
|------------------------------------|-----------|--------------------------------------|-----|------|-----------|----------|--|
| 3270                               | labour    | skilled                              | 1   | nos  | 1185.00   | 1185.00  | 2165.00  |
|                                    |           | Semi skilled                         | 1   | nos  | 980.00    | 980.00   |  |
|                                    |           | un skilled                           | 0   | nos  | 870.00    | 0.00     |  |
|                                    | materials | a.38 watt 2'x2' LED panel light set. | 10  | nos  | 3978.00   | 39780.00 | 40100.00   |
|                                    |           | b. screw, grips etc.                 | 10  | Ls   | 32.00     | 320.00   |  |
|                                    |           |                                      |     |      |           | 0.00     |  |
|                                    |           |                                      |     |      |           |          |  |
|                                    |           |                                      |     |      |           |          | 42265.00   |
|                                    |           |                                      |     |      |           |          | 6339.75  |
| <b>Rate per set Rs.    4860.47</b> |           |                                      |     |      |           |          | <b>Total (Rs.)                      48604.75</b> |

### 271                      LED Bulb 3 watt.

|                                   | sources   | Level            | Qty | Unit | Rate/unit | cost    | Total Cost                                      |
|-----------------------------------|-----------|------------------|-----|------|-----------|---------|---|
| 3271                              | labour    | skilled          | 0   | nos  | 1185.00   | 0.00    | 0.00  |
|                                   |           | Semi skilled     | 0   | nos  | 980.00    | 0.00    |   |
|                                   |           | un skilled       | 0   | nos  | 870.00    | 0.00    |   |
|                                   | materials | LED Bulb 3 watt. | 10  | nos  | 124.00    | 1240.00 | 1240.00   |
|                                   |           |                  | 0   | nos  |           | 0.00    |   |
|                                   |           |                  | 0   | nos  |           | 0.00    |   |
|                                   |           |                  | 0   | LS   |           | 0.00    |   |
|                                   |           |                  | 0   | nos  |           | 0.00    |   |
|                                   |           |                  |     |      |           |         |   |
|                                   |           |                  |     |      |           |         | 1240.00   |
|                                   |           |                  |     |      |           |         | 186.00  |
| <b>Rate per set Rs.    142.60</b> |           |                  |     |      |           |         | <b>Total (Rs.)                      1426.00</b> |

### 272                      LED Bulb 5 watt.

|                                   | sources   | Level            | Qty | Unit | Rate/unit | cost    | Total Cost                                      |
|-----------------------------------|-----------|------------------|-----|------|-----------|---------|---|
| 3272                              | labour    | skilled          | 0   | nos  | 1185.00   | 0.00    | 0.00  |
|                                   |           | Semi skilled     | 0   | nos  | 980.00    | 0.00    |   |
|                                   |           | un skilled       | 0   | nos  | 870.00    | 0.00    |   |
|                                   | materials | LED Bulb 5 watt. | 10  | nos  | 139.00    | 1390.00 | 1390.00   |
|                                   |           |                  | 0   | nos  |           | 0.00    |   |
|                                   |           |                  | 0   | nos  |           | 0.00    |   |
|                                   |           |                  | 0   | LS   |           | 0.00    |   |
|                                   |           |                  | 0   | nos  |           | 0.00    |   |
|                                   |           |                  |     |      |           |         | 1390.00   |
|                                   |           |                  |     |      |           |         | 208.50  |
| <b>Rate per set Rs.    159.85</b> |           |                  |     |      |           |         | <b>Total (Rs.)                      1598.50</b> |

## ELECTRICAL RATE ANALYSIS

### 273 LED Bulb 9 watt.

|                         | sources   | Level           | Qty | Unit | Rate/unit | cost    | Total Cost |
|-------------------------|-----------|-----------------|-----|------|-----------|---------|------------|
| 3273                    | labour    | skilled         |     | nos  | 1185.00   | 0.00    | 0.00       |
|                         |           | Semi skilled    |     | nos  | 980.00    | 0.00    |            |
|                         |           | un skilled      | 0   | nos  | 870.00    | 0.00    |            |
|                         | materials | a. paralite Set | 10  | nos  | 183.00    | 1830.00 | 1830.00    |
|                         |           |                 |     |      |           | 0.00    |            |
|                         |           |                 |     |      |           | 0.00    |            |
|                         |           |                 |     |      |           | 0.00    |            |
|                         |           |                 |     |      |           | 0.00    |            |
|                         |           |                 |     |      |           | 0.00    |            |
| Actual rate             |           |                 |     |      |           |         | 1830.00    |
| 15% contractor overhead |           |                 |     |      |           |         | 274.50     |
| Total (Rs.)             |           |                 |     |      |           |         | 2104.50    |

Rate per set Rs. 210.45

### 274 LED Bulb 11 watt.

|                         | sources   | Level             | Qty | Unit | Rate/unit | cost    | Total Cost |
|-------------------------|-----------|-------------------|-----|------|-----------|---------|------------|
| 3274                    | labour    | skilled           | 0   | nos  | 1185.00   | 0.00    | 0.00       |
|                         |           | Semi skilled      | 0   | nos  | 980.00    | 0.00    |            |
|                         |           | un skilled        | 0   | nos  | 870.00    | 0.00    |            |
|                         | materials | LED Bulb 11 watt. | 10  | nos  | 270.00    | 2700.00 | 2700.00    |
|                         |           |                   | 0   |      |           |         |            |
|                         |           |                   |     |      |           |         |            |
| Actual rate             |           |                   |     |      |           |         | 2700.00    |
| 15% contractor overhead |           |                   |     |      |           |         | 405.00     |
| Total (Rs.)             |           |                   |     |      |           |         | 3105.00    |

Rate per set Rs. 310.50

### 275 LED Bulb 14 watt.

|                         | sources   | Level             | Qty | Unit | Rate/unit | cost    | Total Cost |
|-------------------------|-----------|-------------------|-----|------|-----------|---------|------------|
| 3275<br>3018            | labour    | skilled           | 0   | nos  | 1185.00   | 0.00    | 0.00       |
|                         |           | Semi skilled      | 0   | nos  | 980.00    | 0.00    |            |
|                         |           | un skilled        | 0   | nos  | 870.00    | 0.00    |            |
|                         | materials | LED Bulb 14 watt. | 10  | nos  | 342.00    | 3420.00 | 3420.00    |
|                         |           |                   |     |      |           | 0.00    |            |
|                         |           |                   |     |      |           |         |            |
| Actual rate             |           |                   |     |      |           |         | 3420.00    |
| 15% contractor overhead |           |                   |     |      |           |         | 513.00     |
| Total (Rs.)             |           |                   |     |      |           |         | 3933.00    |

Rate per set Rs. 393.30

### 276 25 mm<sup>2</sup> 4 core aluminium ABC Cable

|                         | sources   | Level                         | Qty | Unit | Rate/unit | cost     | Total Cost |
|-------------------------|-----------|-------------------------------|-----|------|-----------|----------|------------|
| 3276                    | labour    | skilled                       | 1   | nos  | 1185.00   | 1185.00  | 5755.00    |
|                         |           | Semi skilled                  | 2   | nos  | 980.00    | 1960.00  |            |
|                         |           | un skilled                    | 3   | nos  | 870.00    | 2610.00  |            |
|                         | materials | a. Aluminium ABC Cable        | 100 | Rm   | 161.00    | 16100.00 | 19400.00   |
|                         |           | b. Saddle, Grips, Screws(Acce | 100 | LS   | 33.00     | 3300.00  |            |
|                         |           |                               |     |      |           |          |            |
|                         |           |                               |     |      |           |          |            |
| Actual rate             |           |                               |     |      |           |          | 25155.00   |
| 15% contractor overhead |           |                               |     |      |           |          | 3773.25    |
| Total (Rs.)             |           |                               |     |      |           |          | 28928.25   |

Rate per Rm Rs. 289.28

## ELECTRICAL RATE ANALYSIS

### 277 50 mm<sup>2</sup> 4 core aluminium ABC Cable

|                               | sources   | Level                       | Qty | Unit | Rate/unit | cost     | Total Cost              |                 |
|-------------------------------|-----------|-----------------------------|-----|------|-----------|----------|-------------------------|-----------------|
| 3277                          | labour    | skilled                     | 1   | nos  | 1185.00   | 1185.00  | 5755.00                 |                 |
|                               |           | Semi skilled                | 2   | nos  | 980.00    | 1960.00  |                         |                 |
|                               |           | un skilled                  | 3   | nos  | 870.00    | 2610.00  |                         |                 |
|                               | materials | a.Aluminium ABC Cable       | 100 | Rm   | 269.00    | 26900.00 | 30400.00                |                 |
|                               |           | b.Saddle,Grips, Screws(Acce | 100 | LS   | 35.00     | 3500.00  |                         |                 |
|                               |           |                             |     |      |           |          |                         |                 |
|                               |           |                             |     |      |           |          |                         |                 |
|                               |           |                             |     |      |           |          | Actual rate             | 36155.00        |
|                               |           |                             |     |      |           |          | 15% contractor overhead | 5423.25         |
| <b>Rate per Rm Rs. 415.78</b> |           |                             |     |      |           |          | Total (Rs.)             | <b>41578.25</b> |

### 278 95 mm<sup>2</sup> 4 core aluminium ABC Cable

|                               | sources   | Level                       | Qty | Unit | Rate/unit | cost     | Total Cost              |                 |
|-------------------------------|-----------|-----------------------------|-----|------|-----------|----------|-------------------------|-----------------|
| 3278                          | labour    | skilled                     | 1   | nos  | 1185.00   | 1185.00  | 5755.00                 |                 |
|                               |           | Semi skilled                | 2   | nos  | 980.00    | 1960.00  |                         |                 |
|                               |           | un skilled                  | 3   | nos  | 870.00    | 2610.00  |                         |                 |
|                               | materials | a.Aluminium ABC Cable       | 100 | Rm   | 527.00    | 52700.00 | 57300.00                |                 |
|                               |           | b.Saddle,Grips, Screws(Acce | 100 | LS   | 46.00     | 4600.00  |                         |                 |
|                               |           |                             |     |      |           |          |                         |                 |
|                               |           |                             |     |      |           |          |                         |                 |
|                               |           |                             |     |      |           |          | Actual rate             | 63055.00        |
|                               |           |                             |     |      |           |          | 15% contractor overhead | 9458.25         |
| <b>Rate per Rm Rs. 725.13</b> |           |                             |     |      |           |          | Total (Rs.)             | <b>72513.25</b> |

### 279 35 mm<sup>2</sup> 4 core UnAr Cu Nepal, Prakash Or NS

|                                | sources   | Level                  | Qty | Unit | Rate/unit | cost      | Total Cost              |                  |
|--------------------------------|-----------|------------------------|-----|------|-----------|-----------|-------------------------|------------------|
| 3279                           | labour    | skilled                | 1   | nos  | 1185.00   | 1185.00   | 5755.00                 |                  |
|                                |           | Semi skilled           | 2   | nos  | 980.00    | 1960.00   |                         |                  |
|                                |           | un skilled             | 3   | nos  | 870.00    | 2610.00   |                         |                  |
|                                | materials | a.Cu wire              | 100 | Rm   | 1850.00   | 185000.00 | 188300.00               |                  |
|                                |           | b.Saddle,Grips, Screws | 100 | LS   | 33.00     | 3300.00   |                         |                  |
|                                |           |                        |     |      |           |           |                         |                  |
|                                |           |                        |     |      |           |           |                         |                  |
|                                |           |                        |     |      |           |           | Actual rate             | 194055.00        |
|                                |           |                        |     |      |           |           | 15% contractor overhead | 29108.25         |
| <b>Rate per Rm Rs. 2231.63</b> |           |                        |     |      |           |           | Total (Rs.)             | <b>223163.25</b> |

### 280 50 mm<sup>2</sup> 4 core UnAr Cu Nepal, Prakash Or NS

|                                | sources   | Level                  | Qty | Unit | Rate/unit | cost      | Total Cost              |                  |
|--------------------------------|-----------|------------------------|-----|------|-----------|-----------|-------------------------|------------------|
| 3280                           | labour    | skilled                | 1.5 | nos  | 1185.00   | 1777.50   | 7272.50                 |                  |
|                                |           | Semi skilled           | 2.5 | nos  | 980.00    | 2450.00   |                         |                  |
|                                |           | un skilled             | 3.5 | nos  | 870.00    | 3045.00   |                         |                  |
|                                | materials | a.Cu wire              | 100 | Rm   | 2582.00   | 258200.00 | 261500.00               |                  |
|                                |           | b.Saddle,Grips, Screws | 100 | LS   | 33.00     | 3300.00   |                         |                  |
|                                |           |                        |     |      |           |           |                         |                  |
|                                |           |                        |     |      |           |           |                         |                  |
|                                |           |                        |     |      |           |           | Actual rate             | 268772.50        |
|                                |           |                        |     |      |           |           | 15% contractor overhead | 40315.88         |
| <b>Rate per Rm Rs. 3090.88</b> |           |                        |     |      |           |           | Total (Rs.)             | <b>309088.38</b> |