

# Electrical work rate list

Reported contractor prices. Reviewed 20 October 2026. All monetary values are INR (Rs).

| Labour item             | Location      | Reported Rs | Per     | Source date       |
|-------------------------|---------------|-------------|---------|-------------------|
| Light point             | Orai          | 180-250     | point   | Unihox: June 2026 |
| Fan point               | Orai          | 250-350     | point   | Unihox: June 2026 |
| 6A socket               | Orai          | 150-200     | point   | Unihox: June 2026 |
| 16A socket              | Orai          | 200-280     | point   | Unihox: June 2026 |
| AC point                | Orai          | 400-600     | point   | Unihox: June 2026 |
| Geyser point            | Orai          | 350-500     | point   | Unihox: June 2026 |
| DB fitting              | Orai          | 800-1,500   | board   | Unihox: June 2026 |
| Primary light point     | Mumbai / Pune | 280 / 270   | point   | Paam: undated     |
| Full plug point         | Mumbai / Pune | 350 / 340   | point   | Paam: undated     |
| Concealed light fitting | Mumbai / Pune | 120 / 110   | fitting | Paam: undated     |
| Fan fitting             | Mumbai / Pune | 150 / 150   | fan     | Paam: undated     |

Light/fan points include the source's stated wiring work; socket circuit lengths need confirmation. Fixture fitting is not a new wiring point. These are published prices, not independently confirmed signed quotations. Verify current scope and rates locally.

Unihox, Orai, June 2026: [bijli.unihox.com/home-fitting-orai](https://bijli.unihox.com/home-fitting-orai)

Paam, Mumbai/Pune, undated: [paamconstruction.com/true-cost/electrical-work/](https://paamconstruction.com/true-cost/electrical-work/)

Earthing price omitted: the Orai source mixes labour-only labelling with material inclusions. No CPWD DSR E&M rates are reproduced. AC/geyser ratings must follow the project design, not the rate card.

## Worked estimate: 1,000 sq ft 2BHK

Original hypothetical example, 20 October 2026. All rates below are illustrative inputs, not market quotations.

| ID           | Labour scope                     | Qty | Unit  | Rs / unit | Amount Rs |
|--------------|----------------------------------|-----|-------|-----------|-----------|
| L01          | Light points                     | 18  | point | 250       | 4,500     |
| L02          | Fan / exhaust points             | 6   | point | 300       | 1,800     |
| L03          | 6A socket points                 | 16  | point | 200       | 3,200     |
| L04          | General 16A socket points        | 6   | point | 300       | 1,800     |
| L05          | Dedicated AC points              | 2   | point | 600       | 1,200     |
| L06          | Dedicated geyser points          | 2   | point | 500       | 1,000     |
| L07          | DB assembly installation         | 1   | set   | 2,000     | 2,000     |
| L08          | Earthing work: provisional scope | 1   | job   | 2,500     | 2,500     |
| L09          | Inspection, testing and records  | 1   | job   | 1,500     | 1,500     |
| Labour total |                                  |     |       |           | 19,500    |

50 points: 18 lights + 6 fans/exhaust + 16 general 6A + 6 general 16A + 2 dedicated AC + 2 dedicated geyser. DB, earthing and testing are separate jobs. Point labour subtotal: Rs 13,500; weighted point rate: Rs 270.

Point labour includes new-build chasing, conduit fixing, wire pulling, terminations and device fitting, with allocated internal circuit runs. Do not add this installation labour again per metre. Earthing is a provisional job, not a specified number of electrodes.

Scope excludes appliances, final fixture mounting, wall restoration, external service cable and utility charges. See the companion workbook's Read me sheet for the quantity basis and exclusions.

# Material estimate and area conversion

Same illustrative 2BHK. Replace allowances with measured routes, approved specifications and dated dealer quotes.

| ID             | Material supply                       | Qty | Unit | Rs / unit | Amount Rs |
|----------------|---------------------------------------|-----|------|-----------|-----------|
| M01            | 1.5 sq mm wire: conductor metres      | 600 | m    | 18        | 10,800    |
| M02            | 2.5 sq mm wire: conductor metres      | 300 | m    | 28        | 8,400     |
| M03            | 4 sq mm wire: conductor metres        | 120 | m    | 45        | 5,400     |
| M04            | 6 sq mm wire: conductor metres        | 30  | m    | 65        | 1,950     |
| M05            | Conduit: design diameter/class        | 250 | m    | 25        | 6,250     |
| M06            | Back / junction boxes allowance       | 24  | each | 100       | 2,400     |
| M07            | Switches, sockets, plates, regulators | 1   | lot  | 6,500     | 6,500     |
| M08            | DB and protective devices allowance   | 1   | set  | 7,500     | 7,500     |
| M09            | Earthing materials: provisional       | 1   | lot  | 4,000     | 4,000     |
| M10            | Fittings, connectors, consumables     | 1   | lot  | 1,500     | 1,500     |
| Material total |                                       |     |      |           | 54,700    |

**Rs 19,500 labour + Rs 54,700 materials = Rs 74,200.**

**Rs 74,200 / 1,000 built-up sq ft = Rs 74.20/sq ft.** Labour is Rs 19.50/sq ft; materials Rs 54.70/sq ft. On an 800 carpet sq ft denominator, the same subtotal is Rs 92.75/sq ft.

Wire conductor metres:  $180 \times 3 + 60 = 600$ ;  $90 \times 3 + 30 = 300$ ;  $36 \times 3 + 12 = 120$ ;  $9 \times 3 + 3 = 30$ . Conduit: assumed 240 m physical route + 10 m cutting allowance = 250 m. Sizes/conductor counts are arithmetic assumptions, not circuit recommendations.

IS 732:2019 is the wiring-practice reference verified through BIS. Electrical design, protective devices, earthing and verification require competent project review. The workbook does not select them. BIS overview: [Indian Standards on Power & Energy](#).

## Electrical quotation format

Blank issue sheet. Attach the point schedule, specifications, drawing revisions, inclusions and exclusions.

Project / city: \_\_\_\_\_ Contractor: \_\_\_\_\_

Quote no. / date: \_\_\_\_\_ Valid until: \_\_\_\_\_

Drawing / revision: \_\_\_\_\_ Prepared / checked by: \_\_\_\_\_

Area and basis: \_\_\_\_\_ Payment / variation terms: \_\_\_\_\_

| ID | Description / inclusion | Drawing / circuit / make / spec | Unit | Qty | Material<br>Rs/unit | Labour<br>Rs/unit | Amount Rs |
|----|-------------------------|---------------------------------|------|-----|---------------------|-------------------|-----------|
|    |                         |                                 |      |     |                     |                   |           |
|    |                         |                                 |      |     |                     |                   |           |
|    |                         |                                 |      |     |                     |                   |           |
|    |                         |                                 |      |     |                     |                   |           |
|    |                         |                                 |      |     |                     |                   |           |
|    |                         |                                 |      |     |                     |                   |           |
|    |                         |                                 |      |     |                     |                   |           |
|    | TOTAL                   |                                 |      |     |                     |                   |           |

Rate source / date and exclusions: \_\_\_\_\_

Amount = quantity x (material rate + labour rate). Use explicit zero for supply-only or labour-only. For a composite point rate remove overlapping material/circuit lines. Price DB, earthing, tests, identification and handover explicitly.