

**A. Typical Cost Data Sheet for preparation of estimates on
LABOUR CONTRACT**

Sl. No.	Particulars	Amount (in Rs.)
1	Materials Cost	
2	Labour Charges	
3	Special Locality Allowance @% on labour charges on Sl. No. 2 above (applicable for areas mentioned in page no.)	
4	Break Down Charges at 25% on labour for speedy restoration of power on Sl. No. 2 as above. (To be incorporated after competent approval).	
5	Additional labour charges at 10% on Sl. No. (2) for working on Hazardous installations. (To be incorporated after competent approval).	
6	Service Tax @ 12.36% on Total labour charges.	
7	Contribution towards employees provident fund charge @ 13.61% & ESI @ 4.75% (wherever applicable) on Total labour charges	
8	**Transportation cost from stores to site (wherever applicable at 2 % on material cost)	
9	*Contingencies @ 2% on Total material & labour	
10	Employees cost @ 20% on total labour Charges (2+3+4+5)	
11	Statutory charges as per actuals (Inspectorate charges, civic body charges etc.,)	
12	Compensation cost for tree cutting etc., as per approved norms.	
13	Total Cost of Estimate in Rs.	

Note:-

- 1) All the materials required for execution of works are included in the cost data sheet. The contingency at 2% provisioned is only to take care of unforeseen material and labour and when applicable shall be paid after the specific approval of the Executive Engineer by way of issue of an O.M.
 - 2) **This is to cover the admissible transportation charges, Labour for loading and unloading and for carrying the materials by head load, which shall be paid as per actuals.
- 4) It shall not be construed that all the above amounts mentioned in the estimates has to be paid to the contractor. The payment shall be arranged as per actuals.**
- 5) The LEC's carrying out works on labour contract basis are authorized to purchase small items other than poles, Conductors, Transformers, Lightning Arrestors H.T. Insulators, Meters and GOS at SR rates wherever the execution of the work is held up due to non availability of such materials provided the cost of such purchase is limited to 10% of the total estimate cost and after the specific approval of the Executive Engineer by the way of an OM.

**B. Typical Cost Data Sheet for preparation of Estimates for
TOTAL TURNKEY**

Sl. No.	Particulars	Amount in Rs.
1	Materials cost	
2	Labour charges (Including Locality Allowance @% on labour charges applicable for areas mentioned in page No.....)	
3	Employees cost @ 20% on total labour Charges	
4	Service Tax @ 12.36 %on Total labour charges.	
5	Contribution towards employees provident fund charge @ 13.61% & ESI @ 4.75% (wherever applicable) on Total labour charges	
6	Transportation cost from stores to site @ 2% on material cost	
7	Contingencies @ 2% on material + labour cost	
8	Watch and ward cost @ 1% on material cost	
9	Insurance cost against theft & accident @ 1% on material cost	
10	Performance guarantee and loss of interest on margin money for BG @ 2.5% of the value of BG	
11	Statutory charges as per actual (Inspectorate charges, civic body charges etc.,)	
12	Compensation cost for tree cutting etc., as per approved norms	
13	Total Cost of Estimate in Rs.	

Note:-

- 1) While preparing the estimate provision has to be made specifically for the conductor accessories such as Wedge/ PG clamps, Alkathene Tube, etc., duly assessing the quantity.
- 2) The contingency at 2% provisioned is only to take care of unforeseen material and labour. This has to be paid only for any additional work carried out and as per actual.
- 3) The materials to be procured by the agency shall conform to ESCOM's specifications and got inspected before execution of work. The material shall be procured by the agencies from the approved vendors.
- 4) Value of bank Guarantee is 10% of material & Labour.

**C. Typical Cost Data Sheet for preparation of Estimates for
PARTIAL TURNKEY**

Sl. No.	Particulars	Amount in Rs.
1	Materials cost a. ESCOM's portion b. Agency portion	
2	Labour charges (Including Locality Allowance @% on labour charges applicable for areas mentioned in page No.....)	
3	Employees cost @ 20% on total labour Charges	
4	Service Tax @ 12.36 %on Total labour charges.	
5	Contribution towards employees provident fund charge @ 13.61% & ESI @ 4.75% (wherever applicable) on Total labour charges	
6	Transportation cost from stores to site @ 2% on material cost	
7	Contingencies @ 2% on material + labour cost	
8	Watch and ward cost @ 1% on material cost	
9	Insurance cost against theft & accident @ 1% on material cost	
10	Performance guarantee and loss of interest on margin money of BG @ 2.5% of the value of BG	
11	Statutory charges as per actuals (Inspectorate charges, civic body charges etc.)	
12	Compensation cost for tree cutting etc., as per approved norms	
13	Total Cost of Estimate in Rs.	

Note:

- 1) While preparing the estimate provision has to be made specifically for the conductor accessories such as Wedge/ PG clamps, Alkathene Tube, etc., duly assessing the quantity.
- 2) The contingency at 2% provisioned is only to take care of unforeseen material and labour and is not payable to the contractor at 2% but payable at actuals.
- 3) The materials to be procured by the agency shall conform to ESCOM's specifications and got inspected before execution of work. The material shall be procured by the agencies from the approved vendors.
- 4) Value of bank Guarantee is 10% of material & Labour

**D. Typical Cost Data Sheet for preparation of estimates on
DEPOSIT CONTRIBUTION WORK**

Sl. No.	Particulars	Amount (in Rs.)
1	Materials Cost	
2	Labour Charges	
3	Locality allowance at % on labour charges (applicable for areas mentioned in page No.)	
4	Service Tax @ 12.36% on Total labour charges.	
5	Contribution towards employees provident fund charge @ 13.61% & ESI @ 4.75% (wherever applicable) on Total labour charges	
6	Transportation cost from stores to site @ 2% on material cost wherever applicable	
7	% *Contingencies @ 2% on Total material & labour	
8	Employees cost @ 20% on total material + labour Charges (1+2+3)	
9	Statutory charges such as Road cutting charges payable to BBMP or local authorities as per actuals	
10	Government electrical inspectorate charges as per actuals	
11	Compensation cost for tree cutting etc., as per approved norms	
12	Total Cost of Estimate in Rs.	

Note:

- 1) The estimate is only provisional.
- 2) The final cost of the work shall be worked out after completion of the work and difference amount has to be collected from the applicant before commissioning.
- 3) The supervision cost shall be collected @ 10% of the total cost of the estimate. The total deposit to be collected is estimate cost + 10% supervision charges

**E. Typical Cost Data Sheet for preparation of estimates on
SELF EXECUTION WORK**

Sl. No.	Particulars	Amount (in Rs.)
1	Materials Cost	
2	Labour Charges	
3	Locality Allowance @% on Labour Charges (Applicable for areas mentioned in Page No.)	
4	*Contingencies @ 2% on Total material & labour	
5	Employees cost @ 20% on material + labour Charges (1+2+3)	
6	Statutory charges such as Road cutting charges payable to BBMP or local authorities as per actuals.	
7	Government electrical inspectorate charges as per actuals.	
8	Compensation cost for tree cutting etc., as per approved norms	
9	Total Cost of Estimate in Rs.	

Note:- Supervision charges shall be collected at 10% on all the items from 1 to 4.

- 1) All the materials required for execution of works have to be arranged by the agencies.
- 2) No material shall be supplied by ESCOMs.
- 3) The materials shall conform to ESCOMs specifications and shall be got inspected before execution of work. The material shall be procured by the agencies from the BESCO approved vendors. Bills and Test Certificate in respect of the materials procured shall be furnished to BESCO (Please see circular No. BESCO/BC-20/F-1111/2008-09/Dated 24.06.2010).

**F. Typical Cost Data Sheet for preparation of Estimates for
TOTAL TURNKEY (33kV System)**

Sl. No.	Particulars	Amount in Rs.
1	Materials cost	
2	Labour charges	
3	Civil Engineering Charges	
4	Locality Allowance @ ...% on Labour Charges (Applicable for areas mentioned in Page No.)	
5	Total Material Cost = Material cost + 70% of civil Engineering Charges.	
6	Total Labour Charges = Labour charges + 30% Civil Engineering charges + locality allowance.	
7	Employees cost at 20% of the total labour charges.	
8	Service Tax @ 12.36% on Total labour charges.	
9	Work Contract Tax @ 12.5% on 70% of Civil Engineering Charges.	
10	Contribution towards Employee Provident Fund Charges & ESI @ 4.75% (wherever applicable) on Total labour charges at 13.61%	
11	Transportation cost from stores to site @ 2% on total material cost	
12	Contingencies @ 2% on total material + total labour cost	
13	Watch and ward cost @ 1% on total material cost	
14	Insurance cost against theft & accident @ 1% on total material cost	
15	Performance guarantee and loss of interest on margin money for BG @ 2.5% of the value of BG [Value of the BG = Sum of item Nos. (5) to (14)]	
16	CESS at the rate of 1% on the cost of construction.	
17	Statutory charges as per actual (Inspectorate charges, civic body charges etc.)	
18	Compensation cost for tree cutting etc., as per approved norms	
19	Total Cost in Rs. (Sum of item N. (5 to 18))	

Note:-

- 1) While preparing the estimate provision has to be made specifically for the conductor accessories such as Wedge/ PG clamps, Alkathene Tube, etc., duly assessing the quantity.
- 2) The contingency at 2% provisioned is only to take care of unforeseen material and labour. This has to be paid only for any additional work carried out and as per actual.
- 3) The materials to be procured by the agency shall conform to ESCOMs specifications and got inspected before execution of work. The material shall be procured by the agencies from the approved vendors.