

Terms and Conditions for electrical work

Eligibility Criteria

1. Electrical Contractor License:-

Tenderer has to submit attested copy of valid electrical contractors license as per IE rule 45, which can be in his own name or in the name of his firm.

Without valid electrical contractor license, bid may be summarily rejected.

Or

If tenderer want to sublet the Electrical portion of work, a formal agreement duly notarised, legally enforceable in the court of law, shall be executed by the main contractor with the subcontractor for the component(s) of work proposed to be executed by the subcontractor(s), and shall be submitted along with the offer for considering subletting of that scope of work towards fulfilment of technical eligibility. The said sub contractor must have valid electrical contractors license as per IE rule 45, which can be in his own name or in the name of his firm. Without submission of attested copy of valid electrical contractor license, bid may be summarily rejected.

In case after award of contract or during execution of work it becomes necessary for contractor **to change subcontractor**, the same shall be done with subcontractor(s) fulfilling the requirements as per clause 7 of the Standard General Conditions of Contract, with prior approval of Chief Engineer(Electrical)s in writing.

Special conditions

2. Terms of payment:

a) If supply and Erection rates are combined

i. 70% of rates will be paid against supply, inspection and acceptance of materials.

ii. Remaining 30% of rates will be paid after successful installation (erection), testing, commissioning of materials.

b) If supply and installation rates are separate

i. 70% of supply rates will be paid against supply, inspection and acceptance of materials.

- ii. Remaining 30% of rates will be paid after successful installation (erection), testing, commissioning of materials.
- iii. 100% of installation (erection) charges will be paid after successful installation (erection), testing, commissioning of materials.

3. Guarantee:

a) Guarantee for complete work is for a period of 12 months (Except LED light fitting) from the date of commissioning and testing for their satisfactory performance and Security Deposit shall be released accordingly.

b) Guarantee for LED light fitting:

a) If LED light fitting is not commissioned on account of Railway.

Guarantee for LED light fitting (including driver etc.) is for a period of 60 months from the date of commissioning or 72 months from the date of supply whichever is earlier for their satisfactory performance and Security Deposit shall be released accordingly.

c) If LED light fitting is not commissioned within 12 months on account of contractor.

Guarantee for LED light fitting (including driver etc.) is for a period of 60 months from the date of commissioning and Security Deposit shall be released accordingly. Contractor should give Guarantee period in writing.

Warranty of item no 27 Solar PV plant shall be 5 years. warranty certificate of Solar PV module for linear output for 25 years to be submitted.

The successful tenderer will have to attend the failed equipment/part of work, as soon as they are informed by the Railway's representative, without waiting for availability of stores or labours and without any reservations and disputes. The decision of the Senior Divisional Electrical Engineer Rajkot with respect to liability for such rectification and replacement shall be final and binding on the tenderer.

Special Notes

1. After issuance of LOA **civil contractor along with electrical MOU contractor** (if acting through subcontractor) with bar chart and planning for execution of electrical works shall visit concerned SSE/EL work incharge and Sr.DEE/P office for detailed discussion for further course of electrical work and material approval. Accordingly joint note shall be prepared.
2. **Contractor shall submit detailed Auto cad drawing of wiring layout of building (duly showing) plug points, light points, fan points, location of AC etc. and shall take prior approval of Sr.DEE/P/RJT before laying of concealed pipes**

in walls, ceiling etc. This exercise to be completed at least one(01) month before slab casting.

3. All electrical works related communications should invariably done with Electrical MOU contractor along with civil contractor, no other electrical sublet contractor shall be entertained.

4. Since Electrical items **add great value to aesthetics of the buildings**, hence Material approval **shall not limited to model numbers**, if sample approval is required then necessary action to be taken by contractor. This subject work requires careful planning of concealed wiring and DB boards, foot lights, step lights in wall etc, all layout power calculation etc to be put up and work to be started after approval. There should be separate circuit for Inverter lights.

5. The basic quantities of components and materials required to make a unit of work for selected items, are indicated for guidance only. There may be minor variation to suit erection but adjustment in prices of schedule shall not be made on that account.

6. In estimating the prices for various items of work, provision for loss and wastage in transit and erection should be provided for over and above the basic quantities, components and materials required to make a unit of work.

7. For the reconciliation of materials supplied by the Purchaser, the following procedure shall be adopted for the final reconciliation of various equipment's, materials, fittings and conductors if supplied by the Purchaser.

i. All the materials supplied by the Purchaser shall be correctly accounted for, and quantities reconciled on completion of the work by the Contractor. On completion of work, all surplus materials supplied by the Purchaser together with the ones found defective or that have become, defective or broken on account of defective materials and / or workmanship, shall be returned by the contractor.

ii. If there are any shortage during final reconciliation, their cost will be recovered by the purchaser from the Contractor at the Book Rate or the last purchase rate or the prevailing market rate whichever is higher plus 5% on account of initial freight, 2% on account of incidental charges together with supervision charges at 12.5% of the total cost inclusive of material freight and incidental charges. Freight between the purchaser's source of supply and the contractor's depot or Railway siding shall be to the contractor's account.

iii. All material to be supplied after procurement from approved sources as indicated in the specification

iv. Wherever a list of material is indicated for supply and erection, then it will mean major materials but other minor material required for completion of concerned SOR items, tenderer has to arrange the same within the rates applicable to that particular item.