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EXPLANATORY NOTES TO SCHEDULE OF PRICES FOR ELECTRICAL GENERAL SERVICES WORKS.

GENERAL

These explanatory notes are for guidance of field staff. Each work has its own particular requirements. Engineer in-charge will be responsible for successful execution of work as per technical specifications.

- i. All electrical works should comply with Indian Electricity Act 2003 and Indian Electricity Rules 1956.
- ii. All electrical installations works shall conform to relevant Indian Standard Code of Practice and carried out as per relevant safety Code of Practices, Guide for Safety Procedures in Electrical Work as per I.S. 5216/Pt.I& II/1982 shall be observed.
- iii. All components used in installation shall be of appropriate ratings of voltage, current and frequency.
- iv. All minor items viz. hardware items, foundation bolts, termination lugs for electrical connections etc. as required and necessary for proper working of the equipment shall be deemed to have been included in the tender, whether such items are specifically mentioned in the tender documents or not.
- v. The work shall be carried out under the supervision of the Railway Engineer.
- vi. The tenderer must inspect the site thoroughly before quoting rates, later on no claim shall be accepted in connection with inspection of site.
- vii. The cost of HT/LT Cable consumed during testing shall be borne by the Works Contractor.

Item no. 01, 02, 03 (Flush Type Gi Sheet Metal Boxes & Front Plate with Base Frame)

Flush Type GI sheet metal boxes should be rust protected 120GSM GI box and shall be fixed inside wall and plastered properly. Modules will be fixed on base frame along with front plate. Modular screw less plate should be provided after finishing of all work. These items shall be of superior quality and white colour. Installation shall be in conformity with IS: 732, IS: 4648 (Latest version).

Item no. 12 (PVC conduit pipe 25 mm dia):-

Rigid PVC conduit pipe shall conform to IS 9537/Pt.III/1983 (Latest Version) and accessories shall conform to IS 3419/1988(Latest Version).Laying of conduit shall be in conformity with IS 732/1989 (Latest Version), IS 4648/1968(Latest Version). The work also includes provision of junction boxes as per requirement at site. The item shall be ISI marked.

NOTE:

1. All Electrical Items mentioned in SOR shall be ISI marked.
2. Sample and make shall be approved from Electrical/G department before supply of material.