

## **GENERAL CONDITIONS OF TENDER**

<b>Srl. No.</b>	<b>Description</b>
1.	18% GST of Departmental Value has been taken in schedule item. GST will be paid to the firm's at the time of billing, subjected to firm's production of sufficient documentary evidences in support of same. NOTE: GST rate to be paid as applicable during the period of execution/billing
2.	Inspection charges of RITES/Third party inspection (TPI) are to be borne by the contractor where necessary as per extent rule (where the value of purchase order exceeds Rs.5 lakhs)
3.	The work shall be treated as on work contract basis and the rates tendered shall be for complete items of work (except the materials, if any, stipulated for supply by the department) inclusive of all taxes (including works contract tax, if any), duties, and levies etc and all charges for items contingent to the work, such as packing, forwarding, insurance, freight and delivery at site for the materials to be supplied by the contractor, watch and ward of all materials (including those if any supplied by the department) for the work at site etc.
4.	Unless and otherwise mentioned in the tender documents, the following works shall be done by the contractor, and therefore their cost shall be deemed to be included in their tendered cost- i) Foundations for equipments and components where required, including foundation bolts. ii) Cutting and making good all damages caused during installation and restoring the same to their original finish. iii) Sealing of all floor openings provided by him for pipes and cables, from fire safety point of view, after laying of the same. iv) Painting at site of all exposed metal surfaces of the installation other than pre-painted items like fittings, fans, switchgear/distribution gear items, cubicle switch board etc. Damages to finished surfaces of these items while handling and erection, shall however be rectified to the satisfaction of the Engineer-in-charge. v) Testing and commissioning of complete installation
5.	Unless and otherwise specified, power supply and water supply will be arranged by the contractor at the site for installation purpose. However, for testing purpose, electricity supply will be available free of cost to the contractor. Contractor will take due care to ensure safety of electrical installation during execution of work.
6.	All tools and tackles required for handling of equipments and materials at site of work as well as for their assembly and erection and also necessary test instruments shall be the responsibility of the contractor
7.	The contractor shall co-ordinate with all other agencies involved in the building work is not hampered due to delay in his work. Recessed conduit and other works, which directly affect the progress of building work, should be given priority.
8.	Co-ordination with Other Agencies: The contractor shall co-ordinate with all other agencies involved in the building work so that the building work is not hampered due to delay in his work. Recessed conduit and other works, which directly affect the progress of building work, should be given priority.
9.	Care of Buildings: Care shall be taken by the contractor to avoid damage to the building during execution of his part of the work. He shall be responsible for repairing all damages and restoring the same to their original finish at his

## **GENERAL CONDITIONS OF TENDER**

	cost. He shall also remove at his cost all unwanted and waste materials arising out of his work from the site.
10.	Structural Alterations to Buildings: (i) No structural member in the building shall be damaged/alterd, without prior approval from the competent authority through the Engineer-in-charge. (ii) Structural provisions like openings, cutouts, if any, provided by the department for the work, shall be used. Where these require modifications, or where fresh provisions are required to be made, such contingent works shall be carried out by the contractor at his cost. (iii) All such openings in floors provided by the Department shall be closed by the contractor after installing the cables/ conduits/ rising mains etc. as the case may be, by any suitable means as approved by the Engineer-in-charge without any extra payment. (iv) All chases required in connection with the electrical works shall be provided and filled by the contractor at his own cost to the original architectural finish of the buildings.
11.	Addition to an Installation: Any addition temporary or permanent to the existing electrical installation shall not be made without a properly worked out scheme/ design by a qualified Electrical Engineer to ensure that such addition does not lead to overloading, safety violation of the existing system.
12.	Work in Occupied Buildings: (i) When work is executed in occupied buildings, there would be minimum of inconvenience to the occupants. The work shall be programmed in consultation with the Engineer-in-charge and the occupying department. If so required, the work may have to be done even before and after office hours. (ii) The contractor shall be responsible to abide by the regulations or restrictions set in regard to entry into, and movement within the premises. (iii) The contractor shall not tamper with any of the existing installations including their switching operations or connections thereto without specific approval from the Engineer-in-charge.
13.	Conformity to IE Act, IE Rules, and Standards: All Electrical works shall be carried out in accordance with the provisions of Indian Electricity Act, 2003 and Indian Electricity Rules, 1956 amended up to date and As per RDSO specification
14.	Quality of Materials: All materials and equipments supplied by the contractor shall be new. They shall be of such design, size and materials as to satisfactorily function under the rated conditions of operation and to withstand the environmental conditions at site.
15.	Inspection of Materials and Equipments: Materials and equipments to be used in the work shall be inspected by the Departmental officers. Such inspection will be of following categories: (i) Inspection of materials/ equipments to be witnessed at the manufacturer's premises in accordance with relevant BIS/ Agreement Inspection Procedure. (ii) To receive materials at site with Manufacturer's Test Certificate(s). (iii) To inspect materials at the Authorized Dealer's Godowns to ensure delivery of genuine materials at site. (iv) To receive materials after physical inspection at site. The Departmental officers will take adequate care to ensure that only tested and genuine materials of proper quality are used in work. Similarly, for fabricated equipments, the contractor will first submit dimensional detailed drawings for approval before fabrication is taken up in the factory. Suitable stage inspection at factory also

## **GENERAL CONDITIONS OF TENDER**

	will be made to ensure proper use of materials, workmanship and quality control. The tender specifications will stipulate the inspection requirements or their waiver for various materials/ equipments including norms of inspection in specific cases.
16.	Ratings of Components: All components in a wiring installation shall be of appropriate ratings of voltage, current, and frequency, as required at the respective sections of the electrical installation in which they are used. All conductors, switches and accessories shall be of such size as to be capable of carrying the maximum current, which will normally flow through them, without their respective ratings being exceeded
17.	Conformity to Standards: All components shall conform to relevant Indian Standard Specifications, wherever existing. Materials with ISI certification mark shall be preferred. A broad list of relevant Indian Standards is given in Appendix D. These Indian Standards, including amendments or revisions thereof upto the date of tender acceptance, shall be applicable in the respective contracts. Only quality materials of reputed make as specified in the tender will be used in work.
18.	Testing: All tests, to be done before, during and after installation, shall be carried out, and the test results shall be submitted to the Engineer-in-charge in prescribed Performa, forming part of the Completion Certificate
19.	Commissioning on Completion: After the work is completed, it shall be ensured that the installation is tested and commissioned.