

### 1.1 SCOPE OF WORK

The contractor shall provide all materials and equipments mentioned in BOQ to perform all the works necessary for the execution and completion including testing and commissioning of all system of Electrical works as shown on drawings, specified herein and to the satisfaction of the engineer / consultant. The following works are included in the scope of work.

- a) Low Voltage Wires & Cables
- b) Low Voltage Switchgear
- c) Low Voltage Panel and Distribution Boards
- d) Wiring & Wiring Accessories
- e) Conduits & Pipes
- f) Cable Containment
- g) Earthing & Lightning Protection System

### 1.2 GENERAL

The electrification work shall be carried out by a licensed Electrical Contractor, in conformity with the 17th Edition of the U.K. IEE regulations for Electrical Installations, the electricity Act-1910, the electricity rules-1937, in accordance with the requirements of the local Electric Inspector, K-Electric and to the satisfaction of the architect / owner. It shall be the responsibility of the contractor to serve notices and submit documents to and to have the installation passed by the relevant authorities, and obtain all necessary approvals from them at no extra cost to the employer.

### 1.3 INTENT

It is the intent of the Electrical Drawings, Specification and BOQ that all work, equipment, DBs, conduits, wiring piping work, accessories and wiring shall be provided complete, commissioned, tested, adjusted and ready for operation.

The drawings, specifications BOQ shall be taken as whole and not separately since they are intended to explain and illustrate each other.

Any apparatus, appliance, material or work which in BOQ or in drawing not shown but mentioned in the Specification, or Vice Versa, complete in all respects and ready for operation, even if not particularly specified, shall be provided by the contractor without additional expense to the employer.

### 1.4 SHOP DRAWINGS AND DATA TO BE FURNISHED

The drawings and data to be furnished by the Contractor for each electrical equipment shall include the following as applicable.

- Coordinated dimensional plans and elevations.
- Foundation plans, location of anchor bolts, mounting details, etc.
- Internal details and section. Line diagrams with detail wiring diagrams & conduit routes.
- Technical literature and manufacturer's characteristic data.
- Cable routes and sleeves in beams, walls or roofs.

### 1.5 COORDINATION

The Contract documents have been carefully coordinated to avoid overlapping or conflicts. However, should any discrepancies be noted between contract documents within a trade or between trades, they shall be immediately reported to the Consultant/Engineer so that the required revisions or work directives may be issued to all parties concerned, at the earliest possible date and no claim to be made to the employer for any such discrepancy.