

S.N	DESCRIPTION	QNTITY	UNIT	U PRICE		T-PRICE	
	The work shall involve but not be limited to the following items, as the successful tenderer shall do all the necessary works to complete the job even if it is not mentioned in the specification or BOQ.			KD	Fils	KD	Fils
	2.1 Preparation of Designs / Shop / as-built drawings for all electrical work systems to meet the documents requirements and submit to MOI Engineer for approval.	LS	LS				
	2.2 Disconnect, dismantle and transfer to ministry stores, any old, unwanted electrical installations (DBs, cables, wires, conduits, trunky, and switch sockets.....etc.). The dismantling and removal work also include areas in ground and first floor electrical rooms where old cables are located.	LS	LS				
	2.3 Design, supply, install, connect and commission 6 Nos, 10-way TPN RCBO type Distribution boards DBs (4 DB power 2 DB light). The DBs must have 20% spare breakers and must be installed in the second-floor electric room feeding all the second-floor installations. Fed from existing 400A and 300A MSBs in the Ground Floor, this work also includes the supply and install of a newly designed MCCBs inside the existing MSBs and new cabling work.	6	NOS				
	2.4 Design, Supply, install, and connect all types of Light fixtures and their Wiring accessories for all project site and rooms. The work includes wires, PVC conduits, GI/PVC conduits, boxes, light switches, accessories.....etc.). The contractor shall design LUX calculations to then confirm the number of light fittings needed for the project. Samples of light fittings must be installed in the site first and then approved by MOI engineer before the delivery of the rest of the quantity.	LS	LS				

	2.5 Supply, install, terminate and connect all project's Cables & Wires. The work includes cable trays and related accessories (cables can be resized to bigger cables regarding voltage drop calculation which should be submitted by electrical contractor). This work also includes redistribution of old cables between MSB1 and MSB2 to the old loads.	LS	LS				
	2.6 Design, Supply, install, terminate and connect number AS PER DESIGNED twin switch sockets feeding the rooms and partitions' workstations. The contractor is responsible to propose a design, and coordinate with the furniture supplier, to then determine the number and type of plug sockets (e.g wall mounted or floor box) needed and fit them within the furniture. This work should also include sockets for non-workstations (such as kitchen, internet switches, corridors, etc). All this work must include wires, conduits, trunking, skirting system and all accessories required.	LS	LS				
	2.7 Design, Supply, install, terminate and connect all earthing system which includes all wires and all related accessories (such as copper tapes, electrodes, earth pit, etc)	LS	LS				
	2.8 Design supply install and operate a smoke detection and Heat Detection systems, fire alarm system. After giving the approved design and materials from Kuwait Fire Force.	LS	LS				
	2.9 Design, supply, terminate and operate full Telephone System in the second floor. Telephone system must be able to operate in analogue, digital (isdn) and IP Telephone and also can be linked with MOI existing Telephone system. This work also includes supplying and installing all related accessories and racks.	LS	LS				
	2.10 Design, supply, terminate and operate full Data system in the second floor. Data system must contain Cisco switches and SPF's and linked with MOI systems via fiber optics or any other method. This work also includes supplying and installing all related accessories and racks.	LS	LS				
	TOTAL AMOUNT IN KUWAITI CUURENCY						