

LT Power Distribution Work

Sr.No	Descriptions	Approx Qty	Unit	Rate	
				Supply "A"	Installation "B"
1	MAIN LT PANEL				
	Supply,Installation Testing & Comissioning of following MV Panel board fabricated / readymade 14/16 SWG CRCA sheet with duly Powder coated of customer approved colour. Cubical Floor / Wall Mounted type dust and vermine proof indoor free standing suitable for 3 phase 4 wire AC system etc.				
1.1	<p>Incoming - 2500 Amp 4 P EDO type ACB-3 Nos (MSEDCL,DG,SOLAR Incomer & Space for 2500 Amp 4 P EDO type ACB for 2nd Transformer,electricaly / Mechanically interlocked also required UV & EF protections and complete metering A/V/HZ , KW/KVA/PF & Counter type Electronic KWHr meter , Multi Functional Electronic Meter (MFM),Single Phase Preventer , Indication lamps etc in both EB & DG part.</p> <p>Outgoing -2000 Amp 4 P EDO type ACB-2 Nos n 1250 Amp 4 P EDO type ACB-1 Nos 1250 Amp 3 P EDO type ACB-1 Nos 800 Amp 4 P EDO type ACB-2 Nos with required UV & EF protections and complete metering A/V/HZ , KW/KVA/PF & Counter type Electronic KWHr meter , Multi Functional Electronic Meter (MFM),Single Phase Preventer , Indication lamps etc in both EB & DG part.</p>	1	Nos		
	Details Annexure Enclosed				
2	APFC PANEL(500 KVAR)				
	Supply,Installation Testing & Comissioning of following MV Panel board fabricated / readymade 14/16 SWG CRCA sheet with duly Powder coated of customer approved colour. Cubical Floor / Wall Mounted type dust and vermine proof indoor free standing suitable for 3 phase 4 wire AC system etc.				
2.1	<p>Incoming -1250 Amp 3P EDO type ACB-1 Nos also required UV & EF protections and complete metering A/V/HZ , KW/KVA/PF & Counter type Electronic KWHr meter , Multi Functional Electronic Meter (MFM),Single Phase Preventer , Indication lamps etc in both EB & DG part.</p>	1	Nos		
	Details Annexure Enclosed				
3	L.T ALUMINIUM SANDWICH BUS DUCT				
	Supply, installation, testing and commissioning of 4000A busduct in sandwich construction of Aluminium bus bars (IP 54 Indoor and IP 65 Outdoor), Non-ventilation, fabricated out of extruded GI sheet painted with necessary supports with approved paint shade as per specification including 2 Nos. of 50X6mm GI earthing conductor through out the length of the bus duct and 90 deg bends, Adaptor boxes and flange Ends. (Phase sequence shall be matched). Steel item required for supporting the bus duct will be operate under Steel item heading. (The busducts shall be suitable for short circuit withstanding capacity of 65KA Fault level for 2000A rating)				
3.1	Straight Length – Indoor type (IP 55)	5	Mtr		
3.2	Straight Length –Outdoor with canopy (IP 66)	10	Mtr		
3.3	90 Deg Bend – Provision	2	Nos		
3.4	Rubber Below - Provision	1	Nos		
3.5	Flange End – Provision	2	Nos		
3.6	Copper Flexible (RYBN)	2	Nos		
3.7	Adaptor Box	2	Nos		
3.8	Phase cross over – Provision (if required)	1	Nos		
4	LV CABLE & END TERMINATION				

	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, complete erected with DC glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe				
4.1	3.5 Core x 300 sq. mm. aluminium conductor - Polycab Make	4000	Mtr		
4.2	4 Core x 185 sq. mm. aluminium conductor - Polycab Make	300	Mtr		
4.3	4 Core x 2.5 sq. mm. Copper conductor - Polycab Make	400	Mtr		
4.4	4 Core x 300 sq. mm. aluminium conductor End Termination	70	Nos		
4.5	4 Core x 185 sq. mm. aluminium conductor End Termination	20	Nos		
4.6	4 Core x 2.5 sq. mm. Copper conductor End Termination	30	Nos		
5	GI PERFORATED CABLE TRAY				
5.1	Providing & erecting hot dipped galvanised ladder type cable tray manufactured from 16 SWG (2 mm thick) GI sheet of 300 mm width & 100 mm height comprising all required standard accessories.	500	Mtr		
5.2	Providing & erecting hot dipped galvanised ladder type cable tray manufactured from 16 SWG (2 mm thick) GI sheet of 200 mm width & 75 mm height complete with necessary coupler plates & hardware.	500	Mtr		
5.3	Providing & erecting hot dipped galvanised cover suitable for ladder type Cable tray manufactured from 18 SWG (2 mm thick) GI sheet of 300 mm width & 20 mm height complete with necessary hardware.	500	Mtr		
5.4	Providing & erecting hot dipped galvanised ladder type cable tray manufactured from 16 SWG (2 mm thick) GI sheet of 500 mm width & 100 mm height comprising all required standard accessories.	500	Mtr		

TOTAL A + B
9% SGST
9% CGST
TOTAL AMOUNT

Sign & Stamp of Contractor