

Technical -Specifications of APFC Panel-200 KVAR

12 STAGE -200 KVAR APFC PANEL				
Sr No.	Description	Make	Material	Qty
1	200 KVAR APFC Panel			
<u>I/C-1</u>	<u>Incomer -1 (Transformer)</u>			
	400A TP MCCB , 35 KA with LSIG release	L&T	D-sine	1
	RHOM	L&T	D sine	1
	Spredor link	L&T	D sine	1
	6A ,TP MCB , 10 KA for Control	L&T	Exora	2
	6A ,SP MCB , 10 KA for Control	L&T	Exora	3
	Digital Voltmeter with SS	L&T	Vega	1
	Digital Ammeter with SS	L&T	Vega	1
	APFC Relay ,	Beluk/Eq	Nova	1
	Aux , Contactor	L&T	MXO	4
	Add on 2NO + 2 NC	L&T	MXO	4
	On Delay Timer	GIC/Eq	18 sec	1
	Auto Man sel	Salzer	2 pos	1
	CT's-suitable rating	Amol	Tape wound	3
	RYB Indicating Lamp	ALTOS	LED	3
<u>O/G :-</u>	<u>Outgoging Feeder</u>			
<u>a</u>	50 KVAR Capacitor Feeder		50 KVAR	1
	125A TP MCCB , 25 KA , with TMD release	L&T	D sine	1
	RHOM	L&T	D sine	1
	Spredor link	L&T	D sine	1
	Cap Duty Contactor	L&T	MOC	1
	Add on	L&T	MOC	1
	On Delay Timer	GIC/Eq	18 sec	1
	Lum PB	Teknic/Eq	LPBO	2
	capacitor Bank , 440Vac , 50 Hzs MPPH , 50 KVAR	L&T/EPCOS	APP /Ultra H duty	50
<u>b</u>	25 KVAR Capacitor Feeder		25 KVAR	3
	63A TP MCCB , 25 KA , with TMD release	L&T	D sine	3
	RHOM	L&T	D sine	3
	Spredor link	L&T	D sine	3
	Cap Duty Contactor	L&T	MOC	3
	Add on	L&T	MOC	3
	On Delay Timer	GIC/Eq	18 sec	3
	Lum PB	Teknic/Eq	LPBO	6
	capacitor Bank , 440Vac , 50 Hzs MPPH , 25 KVAR	L&T/EPCOS	MPPH	75
<u>c</u>	15 KVAR Capacitor Feeder		15 KVAR	3
	63A TP MCCB , 25 KA , with TMD release	L&T	D sine	3
	RHOM	L&T	D sine	3
	Spredor link	L&T	D sine	3
	Cap Duty Contactor	L&T	MOC	3
	Add on	L&T	MOC	3
	On Delay Timer	GIC/Eq	18 sec	3
	Lum PB	Teknic/Eq	LPBO	6
	capacitor Bank , 440Vac , 50 Hzs MPPH , 15 KVAR	L&T/EPCOS	MPPH	45
<u>d</u>	10 KVAR Capacitor Feeder		10 KVAR	2
	32A TP MCCB , 25 KA , with TMD release	L&T	D sine	2

12 STAGE -200 KVAR APFC PANEL				
Sr No.	Description	Make	Material	Qty
<u>1</u>	200 KVAR APFC Panel			
	RHOM	L&T	D sine	2
	Spredor link	L&T	D sine	2
	Cap Duty Contactor	L&T	MOC	2
	Add on	L&T	MOC	2
	On Delay Timer	GIC/Eq	18 sec	2
	Lum PB	Teknic/Eq	LPBO	4
	capacitor Bank , 440Vac , 50 Hzs			
	MPPH , 10 KVAR	L&T/EPCOS	MPPH	20
<u>e</u>	5 KVAR Capacitor Feeder			
	32A TP MCCB , 25 KA , with TMD		5 KVAR	2
	release			
	RHOM	L&T	D sine	2
	Spredor link	L&T	D sine	2
	Cap Duty Contactor	L&T	MOC	2
	Add on	L&T	MOC	2
	On Delay Timer	GIC/Eq	18 sec	2
	Lum PB	Teknic/Eq	LPBO	4
	capacitor Bank , 440Vac , 50 Hzs			
	MPP , 5 KVAR	L&T/EPCOS	MPPH	10
<u>Others :-</u>	<p>BUS BARS : Electrolytic grade Copper bus bars duly insulated with Coded sleeves.</p> <p>POWER WIRING by copper flexible PVC insulated ISI marked Gray coloured</p> <p>CONTROL CIRCUIT WIRING by 1.0 sq.mm copper flexible PVC insulated ISI marked Gray/Black</p> <p>PANEL CONSTRUCTION & PAINTING :- Panel will be constructed in 16SWG CRCA sheet steel, compartmentalized, Dust & vermin proof, IP42 protection STAND mounting type, BOTTOM entry for Incomer & outgoing cables ,Knob/D.C lock, name plate, Danger plate etc.</p> <p>Panel Painted with powder coated in Siemens GRAY shade RAL-703</p>			

Notes:

- 1 Old panel and capacitor bank should be removed carefully and taken away from the panel room.
- 2 Contarator is requested to kindly inspect the site and understood the scope of work before submission of their offer.