

BILL OF MATERIAL			
11kV, 800A, 25kA Indoor VCB ICOG Panel (Trf.Ctrl) - 1 No.			
Sl.No.	Description	Ratings	Qty / Panel
1	Vacuum Circuit Breaker		
1.1	Megawin make, Horizontal Draw Out VCB fitted with Manual / Motor Operated spring charging mechanism with 230V AC Motor & Motor control switch, Mechanical ON / OFF indicator Operation Counter, Automatic safety shutters & push button	11kV, 800A, 25kA	1 No.
	Shunt trip Coil	110V DC	
	Closing Coil	110V DC	
	Auxiliary contact	6 NO +6 NC	
	Antipumping Module	110V DC	
1.2	Power Pack	230V AC / 110V DC	1 No.
2	Potential Transformer		
2.1	Megawin make, Three Phase , Resin cast, Dry type, Fixed type Potential Transformer with one set of HTFS / LTFS of Ratio :	(11kV/ $\sqrt{3}$) / (110V/ $\sqrt{3}$)	1 Set.
	Secondary 1: for Metering	CI - 0.5,50VA,	
3	Current Transformer		
3.1	Megawin make, Single Phase , Resin Cast, Dry Type Current Transformer of Ratio :	**/5-5A	3 Nos.
	Core 1: for Metering	CI - 0.5,7.5VA	
	Core 2: for Protection	5P10,7.5VA	
4	Metering		
4.1	Secure Make 96 sq.mm Digital Ammeter with Inbuilt Selector Switch Cl. 0.5	5A,110V AC Aux	1 No.
4.2	Secure Make 96 sq.mm Digital Voltmeter with Inbuilt Selector Switch Cl. 0.5	110V AC	1 No.
5	Protection		
5.1	Megawin make, M 140A type, Numerical Non-directional IDMT combined 3 O/C+1 E/F relay with highset, (50,50N,51,51N,)	5A,110V DC	1 No.
5.2	Megawin make High speed / Master trip Relay MVAJH 13 (86)	110V DC	1 No.
5.3	Megawin make Transformer 3 Element auxiliary Relay MVAA 33	110V DC	2 Nos.
5.4	Hooter	110V DC	1 No.
6	Indication Lamps		
6.1	VCB OFF/ON/Auto trip/Trip circuit healthy/Test/Service/Spring charge Indication lamps	-	1 Set.
6.2	R,Y,B Phase Indication Lamps	110V AC	1 No.
7	Control Switches / Push Buttons		
7.1	Breaker Control Switch (Close-Neutral-Trip)	110V/25A	1 No.
7.2	Flush head type trip circuit healthy push button	110V/16A	1 No.
8	Control wiring with appropriate colors	-	1 Lot.
9	Busbar Ratings		
9.1	Aluminium Busbar with PVC Sleeve	11kV, 800A, 25kA	1 Set.
9.2	Earth bus Aluminium	-	1 Set.
10	Common For Switchgear		
10.1	Heater ON / OFF switch with filament type 200Watts space heater & thermostat , single phase switch with socket, Lamp for panel illumination with snap type door limit switch, Fuses / MCBs for AC / DC control.	-	1 Set.
11	Enclosure		
11.1	MS Sheet steel enclosure & installation suitable for Indoor	IP4X	1 Set.
11.2	Incoming (Excluding Cable termination kits, lugs & glands)	-	Bottom
11.3	Outgoing (Excluding Cable termination kits, lugs & glands)	-	Bottom/Side Cable box

Note:

- Our Offer is based on the above BoM, any change/addition in it will have Techno-Commercial Implication.
- Our scope is limited to Design, Manufacture & Supply. Unloading, Installation, Erection, Commissioning & Testing at site are not in our scope.
- 230V AC auxiliary supply to be arranged by you.
- Makes of equipments shall be as per Megawin's standard only.
- Kindly check our above BoM and confirm the same before finalizing the Order to check for any Techno-Commercial implication if needed.**