

ANNEXURE – B

1.1 220 kV SWITCHYARD

S. No.	Description	Quantity
1	Capacitance voltage transformer	Two (2) nos.
2	198 kV Surge arrester	One (1) no.
3	Current transformer	Two(2) nos
4	Disc Insulators	120 nos.
5	Conductor of each type used	200 m
6	Hardware fittings, fasteners of each type used	Ten(10)nos. of each type
7	Connectors on high voltage conductors	Ten (10) nos. of each type
8	SF6 gas for use during operation and maintenance in non-returnable cylinders.	10% of total quantity in 40 kg cylinders
9	Breaker operating mechanism	One(1) nos each type
10	Interrupter unit of CB (middle phase)	One (1)
11	Complete drive mechanism including motor for disconnector switches and earthing switches	1 No. for Isolator 1 No. for Earth switch
12	Support insulator for one complete isolator pole	3 Nos.
13	Moving and fixed contact	2 set
14	Operating rod for one tandem isolator	2 set
15	Earth Switch female contact	2 set
16	Trip coils for circuit breakers	6 nos.
17	Closing coils for circuit breakers	6 nos.
18	Isolator operating and closing solenoid coil/contact	6 Nos.
19	Earth switch operating and closing solenoid coil/contact	3 Nos.

Note: A set is defined, as the total number required for one Isolator.

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