

**ANNEXURE-B**

<b>33 KV OIL IMMERSSED OUTDOOR CURRENT TRANSFORMER</b>				
<b>TECHNICAL SPECIFICATIO RATIO : 200/1-1-1 A</b>				
<b>SI.NO.</b>	<b>PARAMETER</b>	<b>VALUE</b>		
1	TYPE	SINGLE PHASE, OIL IMMERSSED, OUTDOOR, DEAD TANK CT		
2	RATED VOLTAGE/HIGHEST VOLTAGE	33KV/36KV		
3	RATED PRIMARY CURRENT	200A		
4	SECONDARY CORE DETAILS			
4.A	NO. OF CORE	3		
		CORE-1	CORE-2	CORE-3
4.B	RATED SECONDARY CURRENT	1A	1A	1A
4.C	RATED OUTPUT IN VA	15VA	15VA	0VA
5.D	CLASS OF ACCURACY	0.5	5P	PS
6.E	ACCURACY LIMIT FACTOR		10	
7.F	ISF	<=5		
5	METHOD OF RATIO CHANGE & SECONDARY CONNECTION DETAIL	SECONDARY TAP CHANGING METHOD		
6	SHORT TIME THERMAL CURRENT & ITS DURATION	25 KA/3 SEC		
7	RATED CURRENT DYNAMIC(PEAK VALUE)	62.5 KA		
8	RATED CONTINUOUS THERMAL CURRENT	120 % OF RATED PRIMARY CURRENT		
9	IMPULSE WITHSTAND TEST VOLTAGE KV(PEAK)	170 KV		
10	ONE MINUT POWER FREQUENCY DRY/WET WITHSTAND VOLTAGE ON PRIMARY KV(RMS)	70 KV		
11	ONE MINUT POWER FREQUENCY WITHSTAND TEST VOLTAGE ON SECONDARY KV(RMS)	3 KV		
12	MIN. CREEPAGE DISTANCE	25 MM/KV		
13	TOTAL CREEPAGE DISTANCE OF THE BUSHING	MIN. 900 MM		
14	MAGNETISATION CURVE OF CT CORES	ENCLOSED		
15	QUANTITY/WEIGHT OF OIL	35 KG		
16	TOTAL WEIGHT (KG)	120 KG		
17	MOUNTING DETAILS	450X450		
18	OVERALL DIMENSIONS	450X450X1180		
19	THE INSULATION OIL SHALL CONFIRM TO THE STANDARD	IS-335-1983		
20	CONFIRMING TO STANDARD	IS-2705 (1992)		