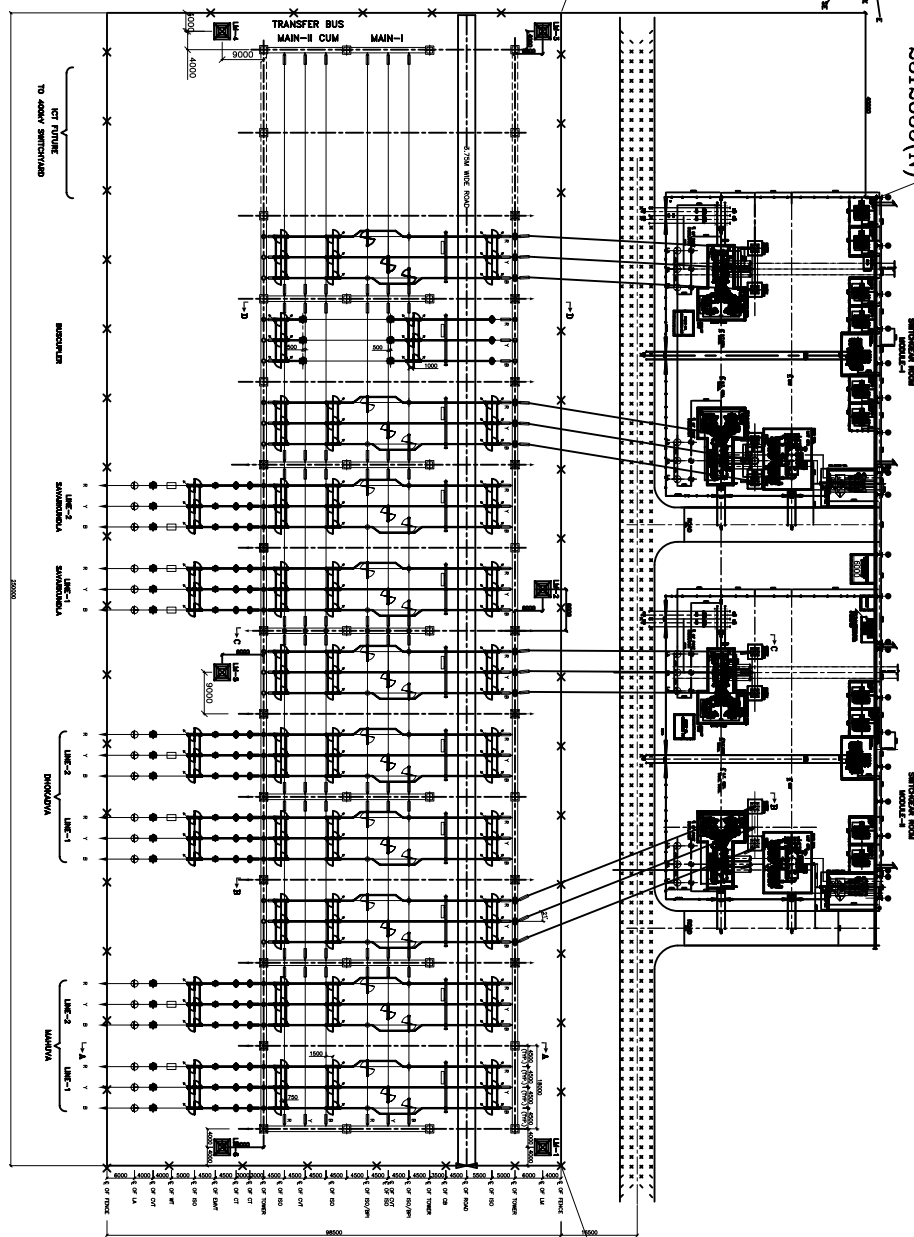

$$\frac{756740(E)}{2312835(N)}$$
$$\begin{array}{r} 756700(E) \\ \hline 2312766(N) \end{array}$$
$$\begin{array}{r} 756950(E) \\ 2312766(N) \\ \hline \end{array}$$


SL.	DESCRIPTION	QTY	REPAIRS	REMARK	TOTAL
		(KGS)	(KGS)	AND	(KGS)
1.	220V, 500K, 3-PHASE 5% CIRCUIT BREAKER, 1 POLE AUTO RECLOSER	100KGS	0		100KGS
2.	220KV, 500KV, 3-PHASE HORIZONTAL DOUBLE BREAK CIRCUIT BREAKER (DANABO MODEL OPERATED)	100KGS	0		100KGS
3.	220KV, 500KV, 3-PHASE TAPPED ISOLATOR (DANABO MODEL OPERATED) WITHOUT EARTH SWITCH	100KGS	0		100KGS
4.	220KV, 500KV, 3-PHASE HORIZONTAL DOUBLE BREAK ISOLATOR (ELECTRICALLY OPERATED) WITH ONE EARTH SWITCH	100KGS	0		100KGS
5.	(ELECTRICALLY OPERATED) WITHOUT EARTH SWITCH	125KGS	0		125KGS
6.	220KV, 500KV, 3 CORE, CURRENT TRANSFORMER (1-PHASE)	250KGS	1NO.	0	250KGS
7.	220KV, 500KV, 3 CORE, CURRENT TRANSFORMER (1-PHASE)	180KGS	1NO.	0	180KGS
8.	220KV LINE CHARGING VOLTAGE TRANSFORMER (1-PHASE)	180KGS	1NO.	0.06KGS	180.06KGS
9.	220KV BUS CHARGING VOLTAGE TRANSFORMER (1-PHASE)	060KGS	1NO.	0	075KGS
10.	220KV LINEARING ARRESTER (1-PHASE)	180KGS	1NO.	0	180KGS
11.	220KV LINEARING ARRESTER (1-PHASE)	300KGS	1NO.	0	315KGS
12.	220KV, 0.5KV, 1600 WATT TYPE	090KGS	1NO.	0.06KGS	175KGS
13.	220KV, 0.5KV, 1600 WATT INSULATOR	250KGS			

—	PRESENT SCOPE
----	CUSTOMER/FUTURE SCOPE
	FENCE:
□	TENSION STRING INSULATOR
▤	DOUBLE STRING INSULATOR
LM	LIGHTNING CLAM LIGHTNING MAST

**NOTES:-**

1. ALL DIMENSIONS ARE IN MM EXCEPT STATED OTHERWISE.
2. DIMENSIONS SHALL TOLERANCE 2000'S WITH PERCENT
3. INSULATORS AT SINTERWOUND CANNY AND
4. ROOFING SHEET 2 FOR SLOPE DRAINAGE
5. FOR LAYOUT OF GENERATOR TRANSFORMER ROOFING FOR DRAINAGE
6. PAY PLASTERING WORKS IN SECTION, ELEVATION
7. BAY MARKING AND LINGUAL OF EQUIPMENT WILL BE SHOWN IN CASE
8. FINISHED GRADED LEVEL OF THE SINTERWOUND AREA SHALL BE RL 4.54
9. DETAIL OF FENCE SHALL BE SHOWN IN SINTERWOUND CIVIL DRAWING.

## 2. SYSTEM PARAMETERS

SL. NO.	DESCRIPTION	UNITS	VALUE
1.	NOMINAL SYSTEM VOLTAGE	kV	220
2.	HIGHEST SYSTEM VOLTAGE	kV	245
3.	BASIC WPOUSE LEVEL	MVA	1050
4.	POWER FREQUENCY WITH STAND	Hz	460
5.	CREEPEE DISTANCE (MINIMUM)	(mm/Al)	31
6.	SYSTEM FAULT LEVEL FOR 1 SEC.	(mm/Al)	31

SR. NO.	DESCRIPTION	CONDUCTOR
1.	MAIN-1 BUS & MAIN-2 BUS C/U TRANSFER	QUAD MOOSE 45/8
2.	EQUIPMENT INTER CONNECTION	4" RS. AL. THRE/ QUAD MOOSE / MAIN MOOSE / SINGLE MOOSE
3.	JUMPER/DRIPS	QUAD MOOSE / MAIN MOOSE / SINGLE MOOSE
4.	EARTH WIRE (SHIELD WIRE)	7/36mm GALVANIZED STEEL

SERIAL NO.	DESCRIPTION	UNITS	VALUE
1.	PHASE TO PHASE	mm	2400
2.	PHASE TO EARTH	mm	2100
3.	SECTION CLEARANCE	mm	5000
4.	HEIGHT OF TUBE / COND. CENTER LINE OF FIRST LEVEL FROM GROUND	mm	6000
5.	FLUTCH HEIGHT	mm	300
6.	STAB CONDUCTOR SPACING	mm	250

**REFERENCE DRAWING**

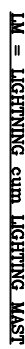
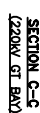
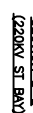
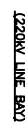
1. SINGLE LINE DIAGRAM FOR PIPAVA TB-310-510-101
2. PLOT PLAN PE-06-282-100-M001

customer	 GSPC PIPAVAY POWER COMPANY LTD
CONSULT.YTM	 TCE Consulting Engineers Limited

[illegible]

220KV SWITCHYARD LAYOUT PLAN

[illegible]

[illegible]