


LIST OF EQUIPMENT	
SL.NO.	DESCRIPTION
1	GAS TURBINE HALL
2	GAS TURBINE GENERATOR
3	INLET AIR FILTER
4	BY-PASS STACK
5	HRSG
6	HRSG. STACK
7	GAS TURBINE TRANSFORMER
8	GEG UNIT
9	INERT GAS FACILITY
10	STEAM TURBINE BUILDING
11	WASH WATER SKID FOR GT
12	BFP & DEARATOR STRUCTURE
13	FIN FAN COOLING UNIT FOR GTG
14	FIN FAN COOLING UNIT FOR HRSG & STG UNIT
15	SWITCHYARD
16	TRANSFORMER YARD
17	PLANT WATER RESERVOIR,
18	FACILITY PUMP HOUSE
19	FIRE WATER PUMP HOUSE
20	DM PLANT AREA
21	EFFLUENT TREATMENT PLANT
22	SPACE FOR ACC
23	GAS BOOSTER COMPRESSOR
24	GAS COND. SKID
25	FIN FAN COOLING UNIT FOR GBC
26	ELECTRICAL EQUIPMENT & CONTROL BUILDING
27	CEMS CUBICLE
28	IBD TANK
29	CBD TANK
30	LP DOSING SKID AMINE
31	LP DOSING SKID HYDRAZINE
32	FILTER SEPERATOR SKID
33	WORKSHOP & STORE
34	GREEN BELT AREA
35	FIRE STATION
36	OFFICE BUILDING
37	CANTEEN
38	GATE HOUSE
39	RAIN WATER HARVESTING POND
40	GUEST HOUSE (SEE NOTE 8)

- NOTES:
1. PLOT PLAN IS TYPICAL WITH INDICATIVE FOOT PRINT AND ORIENTATION OF PLANT AND EQUIPMENT. EPC BIDDER SHALL FINALISE THE LAYOUT BASED ON THE ACTUAL FOOTPRINT OF THE EQUIPMENT OFFERED BY THEM AND ALSO TAKING CARE OF THE NOISE CRITERIA SPECIFIED IN THE TENDER.
  - 2.0 PLEASE READ THIS DRAWING ALONG WITH THE FOLLOWING DRAWINGS.
  - 2.1 TOPOGRAPHIC SURVEY FOR GAS THERMAL PROJECT AT TRIPURA.
  - 2.2 AREAL VIEW-GTSD SITE AREA\_01 JULY 20.
  - 2.3. EXACT LOCATION AND DISPOSITION OF THE PLANT SHALL BE FINALISED BY EPC BIDDER AFTER SITE SURVEY AND SOIL INVESTIGATION. THE ELEVATION OF THE PLANT LEVEL SHALL ALSO BE FINALISED ACCORDINGLY.
  3. FINISHED GRADED LEVEL (FGL) IS AT EL. (-) 300.0M WHICH CORRESPONDS TO RL. 28.0M
  4. FFL OF GT BUILDING IS AT RL. 0.0M
  5. LOCATION AND ORIENTATION OF AUXILIARY PLANT AND BUILDING ARE TENTATIVE AND TO BE FINALISED BY BIDDER.
  6. PLANT BUILDING COLUMN DISPOSITION AND DIMENSIONS ARE PRELIMINARY AND TO BE FINALISED BY BIDDER.
  7. BOREWELL SHALL BE LOCATED AT STRATEGIC LOCATION AROUND THE PLANT TO BE DECIDED BY BIDDER.
  8. GUEST HOUSE WILL BE LOCATED WITHIN TPGL PREMISES AND EXACT LOCATION WILL BE FINALISED DURING DETAIL ENGINEERING STAGE.

FOR TENDER PURPOSE ONLY

PLOT PLAN			
PROJECT :		120MW CCGT POWER PLANT AT ROKHIA, TRIPURA	
CUSTOMER :		TRIPURA POWER GENERATION LTD. AGARTALA, TRIPURA	
CONSULTANT :		DEVELOPMENT CONSULTANTS (P) LTD CONSULTING ENGINEERS KOLKATA CHENNAI MUMBAI NEW DELHI	
			
DRAWN : PC		CHECKED : NC	SCALE 1:500
REVIEWED : PG			DATE 14.08.20
APPROVED : DKD			JOB NO. 19210
DWG. NO. 19210-DWG-M-1001		REV. E	

APPROXIMATE AREA	
TOTAL AREA	45000 SQ. M
BUILT UP AREA	24600 SQ. M
ROADS AND PARKING AREA	4920 SQ. M
GREEN BELT AREA	14930 SQ. M
OPEN AREA	550 SQ. M

RELEASE STATUS	DATE	SIGNATURE
PRELIMINARY		
FOR TENDER ONLY		
FOR CONSTRUCTION		
ARCHITECTURAL		
CIVIL & STRUCTURAL		
ELECTRICAL		
INSTRUMENTATION		
MECHANICAL		

PG	SN	E	DATE
PG	PD	D	16.11.21
PG	PD	C	12.11.21
PG	PD	B	28.04.21

APPROV.	MECH.	INST.	ELEC.	STRL.	ARCH.

NATURE OF REVISION & DESCRIPTION		CHECKED	DRAWN	REV.	DATE
NON PLANED BUILDING ADDED					
REVISED AS MARKED					
TENTATIVE AREA, LATITUDE & LONGITUDE AND GREEN BELT SHOWN AS MARKED					
TENTATIVE LATITUDE AND LONGITUDE SHOWN FOR STACK AS MARKED					