



Electrical System

No.	System	Supplied by	Notes
1	Three phase enclosed generator arranged for air/water cooler duty.	GE	
2	Generator phase isolated bus bars from GLAC up to Generator breaker and from generator to GNAC and GLAC (non segregated between gen and GLAC/GNAC, segregated between GLAC and generator circuit breaker)	GE	
3	Generator circuit breaker	GE	
4	Generator lubrication oil system	GE	
5	Generator enclosure and acoustic protection	GE	
6	Generator accessory compartment (GLAC) for PT&CT, capacitors and lightning arrester and connection to the Generator by Bus Duct	GE	
7	Generator neutral accessory compartment (GNAC) and connection to the Generator	GE	
8	Gas turbine Generator control and protection system installed inside an air conditioned compartment (PEECC or TCC) complete with Mark VI control panel, computer, printer, generator excitation, regulation and protection panel, remote Human Machine Interface (HMI), AC/DC Motor Control Centre (MCC), AC/DC panel, battery, battery charger, gas detection rack, UPS	GE	
9	Vibration monitoring system	GE	



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No.	System	Supplied by	Notes
16	Monorail for maintenance of GT auxiliary compartment	GE	
17	Gas turbine and generator closed circuit cooling water system, including heat exchangers, pumps, fin/fan coolers.	GE	
18	Gas turbine exhaust gas system including ducting, exhaust stack and silencer	GE	
20	Final Filtering Gas fuel, Gas Module and Gas flow measurement	GE	
21	Light distillate fuel oil forwarding system and filter	GE	
24	Insulations and cladding for GE supplied equipment		
22	Heavy fuel oil forwarding system, filter and inhibitor injection skid	GE	
23	Fuel sump tank for false start	GE	
24	Embedded items for turbine and generator, anchor bolts, sub-soil plates & template for positioning	GE	
25	First charge consumables for gas turbine and generator, touch up paints and paint for final coat on GE equipments, spare parts and special tools for GE supply	GE	

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Mechanical and General Systems

No.	System	Supplied by	Notes
1	Gas turbine air inlet systems, including filtering, ducting and silencers	GE	For details ref Chapter 3, Annex 1
2	Gas turbine final filtration	GE	
3	Gas turbine combustion system	GE	
4	Water injection system for NOx reduction for operation on fuel oil or gas	GE	
5	On-load and off-load compressor & Turbine washing system	GE	
6	GT compressed air system.	GE	
7	Atomizing air system	GE	
8	Gas turbine Generator starting and cooldown system	GE	
9	Auxiliary coupling and gearing for 9E	GE	
10	Gas turbine lubrication oil system	GE	
11	Hydraulic oil system	GE	
12	Acoustic and weatherproof Gas turbine enclosure	GE	
13	CO2 firefighting system, fire detection and protection system, gas detection system and alarm panels of GT for selected GE furnished equipment	GE	To be built in accordance to an isometric drawing can't be modified without MoE appr
14	Gas turbine	GE	
15	Gas turbine enclosure ventilation fans, ducts and silencers	GE	