

Scope Matrix

Sect.	Description	Qty.	S&W		Client		Remark
							Origin of Materials
			Supply	Install	Supply	Install	
A.	Gas Genset Comprising of						
1	Gas Genset						
1.1	Cat Gas Engine suitable for Natural gas to generate 2000 kW, at full load, 4-stroke, spark ignited, Lean Burn, with standard accessories Model CG 170-20 runs on Natural Gas with Methane No ≥ 80 .	3Nos.	X			X	CAT Germany
2	Generator And Its Skid Base Frame						
2.1	Marelli, AC Generator, self-excited, self-regulated, 11kV, 3 Phase, 50Hz.	3Nos.	X			X	BY CAT
3	Base Frame – Welded structural steel to accommodate engine, generator & heat exchanger	14Nos.	X			X	BY CAT
4	Flexible coupling between engine & generator	3Nos.	X			X	BY CAT
5	Anti-Vibration mounts – for placement between base frame & foundation, delivered loose	3 Nos.	X			X	BY CAT
6	TEM engine Control System	3 Nos.	X			X	BY CAT
7	Zero-pressure gas controlled system	3Nos.	X			X	BY CAT
8	Engine Cooling Circuit Sensors with Electric Preheater.	3 Nos.	X			X	BY CAT
9	Exhaust Turbo charger & back Pressure Monitor.	3 Nos.	X			X	BY CAT
10	Ventilation Temperature Sensors.	3 Nos.	X			X	BY CAT
11	Gas Train (Primary pressure safety gas controlled system	3 Nos.	X			X	BY CAT