

ANNEX-B
Specifications for Generators

1. Lot#1- 20KVA Generator

General Details

Generator Model	Any
Prime Power	20KVA
Standby Power	22 KVA
Frequency/Speed Voltage	50HZ/1500RPM 230/400V

Engine Details

Number Of Cylinders	4
Engine Build	In Line
Bore	84 mm
Stroke	100 mm
Displacement	2.2 L
Compression Ration	23.3/1
Aspiration	Natural
Cooling	Water Cooled
Fuel	PETROL
Fuel Tank	Built in Fuel tank for at least 10 Hours operation @ full load
Fuel Consumption 100% Load	5.3 (L/hr)
Fuel Consumption 75% Load	4 (L/hr)
Fuel Consumption 50% Load	2.9 (L/hr)
Engine Coolant Capacity	7L
Air Flow Radiator	490 l/s
Exhaust Gas	445° C
Exhaust Gas Flow (Prime)	60.61/s
Pressure	10.2 Kpa
Cranking Battery	12 V
Battery Charging Alternator	65 A

ANNEX-B
Specifications for Generators

2. Lot# 2- 5KVA Generator

General Details

Generator Model	Any
Prime Power	5KVA
Standby Power	5.4 KVA
Frequency/Speed Voltage	50HZ 220V/380V

Engine Details

Type	Brushless
Engine Build	In Line
Compression Ration	23.3/1
Aspiration	Natural
Fuel	PETROL
Fuel Tank Capacity	15L
Exhaust Gas	445° C
Cranking Battery	12 V
Battery Charging Alternator	65 A
Block Design Test	80,000