ANNEX B- TECHNICAL SPECIFICATIONS FOR 400 KVA GENERATOR

General

Brand	:ANY/ IMPORTED
Model	:ANY/ AS PER REQUIRE SPECIFICATION
Stand-by Power	:400 KVA
Prime Power	:320 Kw

Engine

Manufacturer	:	ANY
Model	:	ANY
Stand-by Power	:	420kWm / 561 Hp
Prime Power	:	400 KVA/320 kW
Speeed(Rpm)	:	1500 rpm
Cylinder Number/ Arrangement	:	6 in-Line
Bore x Stroke	:	130/140mm x 152/163mm
Displacement	:	14 lt
Aspiration and Cooling	:	Turbo Charged- Charged air cooled
Compression Ratio	:	14.0:1/17.0:1
Governor Type	:	Electronic
Cooling System	:	Water cooled
Oil System Capacity(Including Filiters)	:	45 Lt
Fuel System	:	Direct Injection
Fuel Consumption (%50 of Prime Power)		29 L/h
Fuel Consumption (%75 of Prime Power)	:	34L/h
Fuel Consumption (%100 of Prime Power)	:	39 L/h
Air Consumption(at Stand-By Power/25°C)	:	24.5 m^3/h
Exhaust Gas Flow(at Stand-By Power)	:	67.5 m^3/min

Alternator

Type	:	Brushless,Single bearing System/ Synchr.
Excitation System	:	Self Exciting
Frequence	:	50 Hz
Voltage	:	231/400 V
Speed	:	1500 rpm
Excessive Loading Capacity	:	For 1 Hour % 110, For 2 Minutes %150

Chassis

- Steel chassis and antivibration pads
- Base frame design incorporates an fuel tank (fuel gauge and drain plug on the fuel tank)
- Military / Civilian type easy lifting systems

Control System

- Control supervision and protection panel is mounted on the genset base frame.
- Standardd indicators, alarms, buttons, keys
- Useful design for Automatic / Manuel working

Dimensions & Weight

Width (mm)	:	1110 mm
Lenght (mm)	:	3250 mm
Height (mm)	:	2020 mm
Weight(kg) (Without Canopy)	:	3320 kg

Optional Equipment

- Sound proof canopy
- Trailer
- Silencer
- Alternator Heater
- Main fuel tank
- Tool kit for maintenance
- Oil and Fuel filling / drain pump
    - ¾ Pole output circuit breaker
    - Anti-condensation heater
    - Charge ammeter
    - Earth fault, single set
    - Low fuel level alarm