

## 1. Motorbike

The engine must be a petrol engine with a single cylinder

The starter must be a primary quick

The transmission must be 6 speed automatic

The piston displacement must be between 97 CC and 123 CC.

The front suspension must be telescopic, coil spring, oil damped.

The rear suspension must be swing arm type, coil spring.

The fuel capacity must be between 11 liters and 13 liters.

The Oil tank capacity must be 1.5 liters.

The wheel base dimension must be between 1315 mm and 1355 mm.

The ground clearance distance must be between 235 mm and 250 mm.

The seat height must be between 800 mm and 835 mm.

The overall length of the motorbike must be between 2110 mm and 2170 mm.

The overall width of the motorbike must be between 930 mm and 935 mm.

The overall height of the motorbike must be between 1150 mm and 1180 mm.

The weight of the motorbike must be between 99 kg and 102 Kg

The type of tire must be all terrain

The size of the front tire must be 2.75-19-4PR.

The size of the rear tire must be 4.10-18-4PR.

## **2 USB Flash drive**

### **2.1 USB Flash of 4 GB**

Type: Flash disc

Data transfer rate: reading 450 MB/ s, writing 350 MB/s

Installation: External

Capacity: 4 GB

Application: Laptop & Desktop

Interface type: USB3.0

Shape dimension: 58 \* 13 \* 10 mm (W x D x H), this measurement can go above and below according to the need of the procuring entity.

Weight: 10 gr, this weight can go above and below according to the need of the procuring entity.

Color of the product: The color will depend on the choice of the procuring entity.

Support system: Windows®7, Windows vista®, Window XP, Window Ready

Boost™, Window 2000, Mac OS 10.3. x +, Linux v 2.6 .x +.

### **2.2 USB Flash drive of 8 GB**

Type: Flash disc

Data transfer rate: reading 450 MB/ s, writing 350 MB/s

Installation: External

Capacity: 8 GB

Application: Laptop & Desktop

Interface type: USB3.0

Shape dimension: 58 \* 13 \* 10 mm (W x D x H), this measurement can go above and below according to the need of the procuring entity.

Weight: 10 gr, this weight can go above and below according to the need of the procuring entity.

Color of the product: The color will depend on the choice of the procuring entity.

Support system: Windows®7, Windows vista®, Window XP, Window Ready

Boost™, Window 2000, Mac OS 10.3. x +, Linux v 2.6 .x +.

### **3 Generator**

#### **3.1 Generator of 200 Kva**

##### **3.1.1 Performance**

Rated power: 200 Kva

Frequency: 50 Hz

Rated voltage: 220 V

Cooling system: Water

Cooling water capacity: 21 L

Voltage regulation system: AVR

Sound level: Silent

Generator operating system: Manual and automatic system supported

Temperature: 125 – 163°

Open/Covered: should be covered

##### **3.1.2 Engine**

Type of fuel: Diesel

Fuel consumption: 41 L/h

Engine power: 179.8 Kw

Number of cylinder: 6 cylinders

Generators must have the following additional features:

- Frequency regulated +/- 2.5%
- Controlled emission
- Change over panel. Adjustable delay timer incorporated
- Emergency stop button
- Automatic emergency shutdown – low oil temperature, high water temperature, under/over speed
- All generator should be able to start automatically and the facility for remote starting
- Air filter easily accessible for maintenance
- Selectable protection alarm/shutdown
- Modem communication support
- Detect phase insertion and give out an alarm
- The ATS must allow for the operator enabling him to select one of the four following options should it required: "AUTO", "MANUAL", "TEST" and "OFF"

### **3.1.3 Control panel**

This panel should fulfil the following functions:

- Fuel level control
- Electronic controlling equipment
- Battery charge level, constant voltage –regulated
- Power level control
- Current level control
- Frequency control
- Speed control
- Running time control
- Oil pressure control
- Generator temperature control
- Alarm panel for outgoing alarm (see alarm below)
- Automatic stop at low oil pressure and high water temperature

### **3.1.4 Alarm**

All generators must be able to provide the following alarms for maintenance purpose:

- Battery failure
- Operating failure
- Generator running
- Low fuel
- Start failure
- High motor temperature
- Low oil pressure
- Emergency stop activated
- Over and under voltage protection

### **3.1.5 Dimension for Generator**

Dimensions ( L X W X H): 3468 mm X 1263mm X 1843mm

## **3.2 Generator of 400 Kva**

### **3.2.1 Performance**

Rated power: 400 Kva

Frequency: 50 Hz

Rated voltage: 400 V

Cooling system: Water

Cooling water capacity: 45.2 L

Voltage regulation system: AVR

Sound level: Silent

Generator operating system: Manual and automatic system supported

Temperature: 125 – 163°

Open/Covered: should be covered

### **3.2.2 Engine**

Type of fuel: Diesel

Fuel consumption: 82.8 L/h

Engine power: 285 Kw

Number of cylinder: 6 cylinders

Generators must have the following additional features:

- Frequency regulated +/- 2.5%
- Controlled emission
- Change over panel. Adjustable delay timer incorporated
- Emergency stop button
- Automatic emergency shutdown – low oil temperature, high water temperature, under/over speed
- All generator should be able to start automatically and the facility for remote starting
- Air filter easily accessible for maintenance
- Selectable protection alarm/shutdown
- Modem communication support
- Detect phase insertion and give out an alarm
- The ATS must allow for the operator enabling him to select one of the four following options should it required: "AUTO", "MANUAL", "TEST" and "OFF"

### **3.2.3 Control panel**

This panel should fulfil the following functions:

- Fuel level control
- Electronic controlling equipment
- Battery charge level, constant voltage –regulated
- Power level control
- Current level control
- Frequency control
- Speed control
- Running time control
- Oil pressure control
- Generator temperature control
- Alarm panel for outgoing alarm (see alarm below)
- Automatic stop at low oil pressure and high water temperature

### **3.2.4 Alarm**

All generators must be able to provide the following alarms for maintenance purpose:

- Battery failure
- Operating failure
- Generator running
- Low fuel
- Start failure
- High motor temperature
- Low oil pressure
- Emergency stop activated
- Over and under voltage protection

### **3.2.5 Requirement for Generator**

Dimensions ( L X W X H): 3800 mm X 1130 mm X 2156 mm