

# BLUE WATER SYSTEMS

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Ref.: BWS/2022-23/265

Date: 17/08/2022

To,  
M/s. Jijaau Cultivator Producer Company Ltd,  
At Po. Chausala, Anjangaon surji,  
Dist.- Amrawati.

Kind Attn. :- Mr. Akshay Kalmegh. (8308065414)

SUB: -Quotation for 62.5 kVADG Set.

Dear Sir,

We thank you for your enquiry, for your above subject requirement and we are pleased to submit our most competitive offer for supply of Diesel Generating set as per detailed specifications enclosed.

#### PRICES

Prices quoted are for delivery Ex-Works Silvassa, exclusive of packing, forwarding, insurance etc. which will be charged extra as applicable.

#### GST:

@18% Inclusive on quoted prices. (Customer to indicate their GST Identification No in their Purchase Order along with copy of their GST registration certificate.)

#### PAYMENT

30% advance with the order and balance against Proforma Invoice prior to dispatch.

#### ORDER CANCELLATION

If purchase order is cancelled by the customer, cancellation Charges will be applicable @ 2% of the basic order value for all ratings from 15 to 250 kVA. For all ratings above 250 kVA, it will be @ 1.5% of the order price.

#### WARRANTY

The generating set/s offered will carry the respective manufacturer's warranty for a period of **TWO YEARS or 5000 hours whichever is earlier for KOEL Engine** subject to use of K-Oil & filters sourced through authorized service dealer & **TEO YEARS** for Alternator from the date of supply for any inherent manufacturing defect as per manufacturer's norms.

#### VALIDITY

Our offer shall be valid for your acceptance for 30 days and thereafter subject to our confirmation in writing. Any order based on this offer is subject to our acceptance at the time of finalization of order.

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Address :Asmita Colony, Narendra Nagar, Nagpur  
Phone : 7517693301 Email : [bluewatersystems11@gmail.com](mailto:bluewatersystems11@gmail.com)  
GST no.27AAUFB1038R1ZS

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## TECHNICAL SPECIFICATION OF DIESEL GENERATING SET

### DIESEL ENGINE

"KOEL" make Diesel Engine suitable for above DG sets. The standard Design consists of Direct injection, turbo-charged, four stroke liquid cooled technology confirming to BS:5514 and IS 10000 suitable for prime duty generating set application as follows :

KVA / kW	ENGINE MODEL	BHP @ 1500 RPM	NO. OF CYLINDERS
62.5 / 50	4R810TA G1	83	4

The engine shall be complete with the following standard accessories:

- Dry type air cleaner
- Exhaust silencer
- Expansion bellows
- Lube oil cooler
- Lube oil filter
- Fuel filter
- Radiator, radiator fan and mounting
- Fuel pump with governor
- Fly wheel with starter ring
- Battery charging alternator
- 12 Volt electric starter motor

### ➤ KOEL Green ENGINE MONITORING SYSTEM –

- a state-of-the-art engine & genset monitoring and safety system, having following features:
  - Control panel consisting of built in On / Off / Start key.
  - Battery charging voltmeter
  - Electronic Hour meter
  - Indication & Monitoring of Oil Pressure & safety trip incase of Low Oil Pressure.
  - Indication & Monitoring of Coolant Temperature & safety trip incase of High Coolant Temperature.
  - In-built engine shut down system in case of Engine Overspeed.
  - Indication & Monitoring of Fuel Level and alarm.

- Set of documents comprising spare parts book and operation & maintenance manual

### ALTERNATOR (KOEL GREEN)

Alternator suitable rated at 0.8PF, 430V, 3 Phase, 4 Wires, 50 Cycles/Sec., 1500 RPM, self excited and self regulated, with Brushless Excitation Band of voltage regulation  $\pm 1\%$  of rated voltage, from no load to full load, Insulation class "H". The alternator generally conforms to BS: 2613/IS: 4722.

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## BATTERY

1 No. 12 Volts Factory Pre-charged P.P. Battery with leads.

## STANDARD CONTROL PANEL

Sheet steel made duly painted with stoving enamel paint consists of followings:

1 No. MCCB of suitable rating

1 No. KOEL GreenEMS

3 Nos. Current Transformer

2 Nos. Indicating Lamps

1 Set Control Fuses

## FEATURES OF KOEL GREEN ENGINE MONITORING SYSTEM –

- State-of-the-art Microprocessor based fully configurable technology
- High performance graphical LCD and prominent display
- LED indications for genset status and alarms
- Battery condition monitoring
- Statistical cumulative counters like No. of starts, Engine run Hrs & kWh
- In-built AMF module

### Salient features of Controller

MECHANICAL SAFETIES	ELECTRICAL SAFETIES	ELECTRICAL METERING & INDICATIONS	
Under / Over Speed	Under / Over Voltage	Hour meter	Phase Voltage
Low Lub Oil Pressure	Under / Over Frequency	Line Current	Frequency
	Phase failure	Average Voltage	Average
High Coolant Temperature		Current	
Low coolant level	Phase sequence reverse	kW	kWh
Low Fuel level (alarm)	Over current	kVA	PF
	Over kW	Fuel Level	

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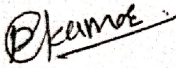
## DELIVERY

Within 1 to 2 weeks time from the date of receipt of your technically and commercially clear order along with advance subject to force majeure conditions.

PRICE DETAILS			
Sr. No.	Details	ENGINE MODEL	Price
1	62.5 kVA (Three Phase) DG Set with Kirloskar Engine and Kirloskar Green alternator as per enclosed technical specifications, along with Sound-Proof Acoustic Enclosure complying to CPCB II noise limits.	4R 810TA G1	Rs. 6,40,000
3	Transportation	Including	

We trust you will find our offer in line with your requirements and we look forward to receive your valued order. If you need any further clarifications, we shall be glad to furnish the same.

Thanking You.  
You're faithfully,  
For BLUE WATER SYSTEMS

  
Raj Kumar  
75176 93301

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