



TNB COLLEGE, BHAGALPUR

☎ : 0641-2500930 (0)

(A Constituent unit of TM Bhagalpur University, Bhagalpur)

Recognised U/S 2(f) & 12B of UGC Act 1956
NAAC Accredited in Grade 'A' with 03.01. CGPA

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Office of
THE PRINCIPAL

Ref No.

Date.....21.6.19.....

To

M/s
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**Ref: Seeking quotation of Kirloskar (KOEL iGreen) Genset for our
PTC Lab, Araria**


Sir,

You are requested to submit us the sealed quotation of Kirloskar (KOEL) iGreen Genset (62.5 kVA) as per the attached specifications at the earliest for our PTC Lab, Araria. An early response in this connection will highly be appreciated.

Thanking you,

Yours sincerely,


(Dr. A. K. Choudhary)
P.I., PTC Project
TNB College campus, Bhagalpur


(Dr. S. K. Choudhary)
Principal
TNB College, Bhagalpur

Kirloskar (KOEL iGreen)

Specifications of the Kirloskar (KOEL iGreen) Genset required:

Genset model

KGI – 62.5 WS

1. Frequency – 50 Hz
2. Power factor – 0.8 lagging
3. Voltage (V) – 415 V
4. Covering class (As per ISO8528 Part V) – GZ
5. Noise level - < 75 dBA
6. Fuel consumption – At 100% load – 14.1 ltrs/ hr
At 75% load – 11.3 ltrs/ hr
At 50% load – 7.5 ltrs/ hr
7. Fuel tank capacity – 150 L
8. Wt. Of Genset Dry – 1420 kgs
 Wet – 1550 kgs
9. Length - 2900 mm
10. Width - 1100 mm
11. Height - 1581 mm
12. Electrical battery standing – 12 volts DC voltage

Engine

13. Engine model - 4R810TAG1 (Air cooled)
14. Rated output (Prime continuous rating as per ISO8528 – 1) - 61 KW,
83 BHP
15. Number of cylinder - 04 (1.5 LPH)
16. Cubic capacity - 3.24 ltrs
17. Bore X Stroke - 96 X 112 mm
18. Rated speed - 1500 RPM
19. Aspiration - TA
20. Lube oil change period - 500 hrs
21. Oil sump capacity - 10 ltrs
22. Coolant capacity - 17.5 ltrs

Alternator

- 23. Insulation class - Class H
- 24. Alternator efficiency (at 100% load) 0.8 pf - 91%
- 25. Max voltage dip at full load 0.8 pf lag - <20% sec
- 26. Max time to build up rated voltage at rated RPM - <5 sec period
engine reach the rated speed.

Note: Your rate should include freight charge (F.O.R) including loading & unloading charges. Three chemical earthings are also required.

Please send you quotation on following address:

Principal/ PI (PTC Project, Araria)
PTC Lab
TNB College campus
Bhagalpur – 812007
Bihar
(Mob. No. – 8877995571)