



**INDIAN INSTITUTE OF TECHNOLOGY KANPUR**  
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**Enquiry No. CE/HWRE/SG/2016-17/NC2**

**Subject: Quotation for supply of GENSET 10 kVA, Canopy**

Sealed Quotation(s) are invited (in Indian rupees) from the **authorized dealers** for the purchase of a **GENSET 10 kVA, Canopy**. **Last date of submission of quotation is November 20, 2016**. Please write the enquiry number on the top of the envelop. Minimum configurations required are as follows:

Sr. No.	Specifications for GENSET 10 kVA, Canopy	
1	Frequency	50 Hz
2	Power Factor	0.8 (Lagging) or higher
3	Voltage	230 (1 $\Phi$ ) Volts
4	Noise Level	< 75 dBA
5	Engine	Diesel, Naturally Aspirated
6	Fuel Consumption at 100% Load	3.0 litres/hr or less
7	Fuel Tank Capacity	30 litres or larger
8	Electrical Battery starting voltage	12 Volts DC
9	Automatic Starter and Controller	Automatic start at power outage and auto-shutoff at the resumption of power; microprocessor based controller; large LCD display with run-time graphics and diagnostics.
10	Rated output of Engine	11.8 kW or more
11	Cubic Capacity	Minimum 1.5 litres
12	No. of cylinder	Minimum 2 No.
13	Rated Speed	1500 rpm
14	Lube Oil change period	Minimum 500 Hours
15	Alternator Efficiency at 100% Load	Minimum 78%
16	Maximum Voltage Dip at 100% Load	$\leq$ 20%
17	Maximum to build-up the rated voltage	$\leq$ 5 sec at the rated engine rpm
18	Body	Should be rust free weather resistant
19	Maintenance	Should be able to offer onsite maintenance within 24 hours
20	Warranty	Quotation must include additional 2 years' service warranty over the standard warranty.
21	Environmental Regulation	Must submit documentary evidence for compliance of all CPCB norms.

**Note:**

1. Must include free installation and minimum 1 year standard on-site warranty.
2. Must provide an original photograph of a similar unit.
3. Supplier must provide a list of laboratories where similar product is in operation.
4. Supplier must submit authentic documents to prove their claim in meeting or deviating tender specification. Website link should also be provided to support the claim.

**Terms and Conditions**

1. Maximum education discount, if any should be offered.
2. Validity of quotation should be at least for 60 days.
3. Prices should be quoted on the basis of delivery to IIT Kanpur.
4. Normal payment terms for the Institute will be applicable (90% on delivery of the items and the remaining 10% after satisfactory installation/inspection).
5. Quotation should carry proper certification like agency and/or proprietary certificate, etc.

Thanking You  
Sincerely,

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