

## OFFICE OF THE REGISTRAR :: DIBRUGARH UNIVERSITY :: DIBRUGARH

No. DU/RG/B.01.07/16/1873 Date:19/10/2016

## **Notice Inviting Quotation**

Sealed quotations are invited from reputed firms for the supply of *Silent Generator* for Dibrugarh University as per specification mentioned below. The quotations will be received by the undersigned on or before 25/10/2016 upto 02:00 P.M. and will be opened on the same date at 03:00 P.M. in the presence of the intending quotationers or their authorized agents.

Description if Item
40 KVA Single Phase Generator
Frequency – 50 Hz
Power Factor- 0.8 Lagging
Voltage- 415 3Ø
Governing Class(As per ISO 8528 Part-V)- G2
Noise Level< 75 dBA
Fuel Consumption At 100% Load – 9.2 Ltrs/hr
At 75% Load − 7.4 Ltrs/hr
At 75% Load - 7.4 Ltrs/hr At 50% Load - 5.5 Ltrs/hr
Fuel tank capacity- 100 ltrs
Overall dimensions of genset (LxWxH)^- 2575x1050x1448 mm
Dry weight of genset with canopy (approx)^- 1300 Kg
Wet weight of genset with canopy (approx)^- 1385 Kg
Electricity Battery starting voltage- 12 Volts-DC
Rated output (Prime Continuous rating as per ISO 8528-1) 41.2kW
56 HP
No. of cylinder- 3 Nos.
Cubic Capacity <sup>2</sup> -3.12 Ltrs
Bore X Stroke- 105 x120 mm
Rated speed- 1500 RPM
Aspiration- TA
Lube oil change period-500 hrs.
Lube oil Sump Capacity- 8.0 Ltrs
Coolant capacity- 11.5 Ltrs.
Insulation Class- Class H
Alternator Efficiency (at 100% load) 0.8pf**- 89.2%
Max Voltage Dip at Full Load 0.8 pf Lag ≤ 16%
Max Time to build up rated voltage at Rated RPM< 5 sec provided engine reach the rated speed

## Terms and Conditions:

- 1. No separate quotation paper will be issued from the office. Quotation should be submitted in the Supplier's Letter Pad with supporting documents.
- 2. The University reserves the right to accept or reject any or all the quotations without assigning any reason.
- 3. The quantity mentioned above may be increase at the time of order as per actual requirement.
- 4. Payment will be made only after receipt and installation of the materials in good condition.
- 5. The quotation should be addressed to the "Registrar, Dibrugarh University, Dibrugarh 786004" super scribing the Quotation Notice Number on the envelope.
- 6. Any kind of VAT/ Taxes (if any) must be clearly indicated in the quotation.
- 7. In the event of any kind of holiday, the quotations shall be opened on the next working day.
- 8. The tendering firm must have an authorized dealer in Dibrugarh only.

Sd/Registrar
Dibrugarh University

## Copy to:

- 1. The Assistant Registrar (F&A), D.U. for information.
- 2. Notice Boards.
- 3. Office File.

Sd/Registrar
Dibrugarh University