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(Formerly Known as WBUT)

Tender Form

- **Inverter**
- **Weather monitoring system**

Notice No : CSE/MVD/16-17/11

Date of Issue : 16.03.2017

Last Date of Submission : 27.03.2017

DD No. for the Tender Fee :

**Address:
BF-142, Sector-I,
Salt Lake City,
Kolkata-700064**

Tele-Fax No: (033) 2334-1034

Phone No: 033-2321-1345

1.Name & Address of the Firm :

a) Telephone No:

b) Mobile No.:

c) Fax No:

2. Name of the items for which the Firm is interested:

3. Name of the Proprietors/partners/directors etc:

4. Trade License No (With Photocopy):

5. VAT License No:

6. Service Tax Registration No (With Photocopy):

7. Additional Information if the party wants to include:

8. Copies of Testimonials/credentials/certificates regarding services/experience etc:

Signature with Stamp

Technical Specifications:

1. Inverter

6 kVA, 3 Phase, 50 Hz

Battery Voltage (Nominal): 48 V dc

DC Input Voltage Range 40 – 68 V dc

Continuous power: @ 25 deg C- 5000 VA, Cos ϕ : 0.1 - 1

Maximum Efficiency: 94% - 97%

Harmonic distortion < 2%

Input Voltage Range: 160 to 260 Vac

Max charging current: >95 A

Conformity: Directive- EMC 2004 / 108 / EC: EN 61000 – 6 – 1, EN 61000 – 6 – 3, EN 55014, EN 55022, EN 610003 – 2, EN 62040 – 2

Low Voltage directive 2006 / 95 / EC: EN 62040 – 1 – 1, EN 60950 – 1, EN 50178, EN 62109 – 1,

Operating Temperature Range: -15 deg C to 45deg C,

Warranty: 2 Years,

I S O Certification 9001 : 2008 / 14001 : 2004

Quantity-1

2. Weather monitoring system

Consists of

a) **Pyranometer** : Spectral response - 0.31 to 2.8 micron

Sensitivity- 17 micro-volt/W/m²

Calibration range- -40deg C to + 60deg C

b) **Thermometer**: Consists of one RTD type temp. measuring tape.

Temp range: -5°C to 60°C.

c) **Anemometer**: Double-cup anemometer on tubular type made up of hot dipped galvanized iron.

Valid calibration certificate,

Velocity range: upto 25m/s, accuracy limit of 0.1 m/s.

Quantity - 1

General conditions:

1. The renderers are required to deposit the tender forms along with relevant papers(mentioned in the form), in two sealed covers mentioning financial bid and technical bid separately.
2. Only OEMs or their Dealers with Tender Specific Authorization can participate in this Tender.
3. The OEM certified Bill of Material and Compliance Statement must be submitted
4. The university reserves the right to accept or reject any tender without showing any reason.
5. Tender fee of Rs. 200/- has to be deposited along with the tender papers. All payments should be made through demand drafts in favor of the 'MAKAUT,WB' payable at Kolkata.
6. The last date of receiving of tender paper in the office of the finance officer is 27 th March , 2017 before noon.
7. Incomplete tender shall be summarily rejected.
8. Subcontracting in any form will not be entitled by the university.
9. All legal disputes shall be subject to jurisdiction of Calcutta High Court.