

## INVITATION FOR QUOTATION

TEQIP-II/2016/UP2G02/Direct Contract/102

08-Feb-2017

To,

**Ecosense Sustainable Solutions Pvt.Ltd**

**F-34/8 Okhla Phase-2, New Delhi, New Delhi, 110020**

**Sub: Invitation for Quotations for supply of Goods**

Dear Sir,

1. You are invited to submit your most competitive quotation for the following goods with item wise detailed specifications given at Annexure I,

<b>Sr. No</b>	<b>Brief Description</b>	<b>Quantity</b>	<b>Delivery Period(In days)</b>	<b>Place of Delivery</b>	<b>Installation Requirement (if any)</b>
1	Wind Energy Training System	1	15	Institute of Engineering & Technology, Sitapur Road Lucknow 226021	Yes
2	Wind Turbine Emulator	1	15	Institute of Engineering & Technology, Sitapur Road Lucknow 226021	Yes

2. Government of India has received a credit from the International Development Association (IDA) towards the cost of the **Technical Education Quality Improvement Programme[TEQIP]-Phase II** Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.
3. Quotation,

- 3.1 The contract shall be for the full quantity as described above.
- 3.2 Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
- 3.3 All duties and other levies payable by the supplier under the contract shall be included in the unit price.
- 3.4 Applicable taxes shall be quoted separately for all items.
- 3.5 The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- 3.6 The Prices should be quoted in Indian Rupees only.
4. Each bidder shall submit only one quotation.
5. Quotation shall remain valid for a period not less than **30** days after the last date of quotation submission.
6. Evaluation of Quotations,  
The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which
  - 6.1 are properly signed ; and
  - 6.2 confirm to the terms and conditions, and specifications.
7. The Quotations would be evaluated for all items together.
8. Award of contract:  
The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.
  - 8.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.
  - 8.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.
9. Payment shall be made in Indian Rupees as follows:  
**On Completion - 100% of total cost**

10. All supplied items are under warranty of **36** months from the date of successful acceptance of items.(In case of the supplied items do not cover the warranty of 36 months and cover only the warranty of 12 months then you may quote the price to cover the warranty for the extended to 36 months).
11. You are requested to provide your offer latest by **16:30**hours on **23-Feb-2017** .
12. Detailed specifications of the items are at Annexure I.
13. Training Clause (if any) **Yes**
14. Testing/Installation Clause (if any) **Yes**
15. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.
16. Sealed quotation to be submitted/ delivered at the address mentioned below,  
Registrar, Institute of Engineering &Technology,Sitapur Road, Lucknow, UP, PIN 226021
17. We look forward to receiving your quotation and thank you for your interest in this project.

Prof Y N Singh

**Nodal Officer Procurement, TEQIP-II**

### Annexure I

Sr. No	Item Name	Specifications
1	Wind Energy Training System	<p>1. Artificial Wind generating unit</p> <ul style="list-style-type: none"> <li>• Fan with regulator (50W)*9</li> </ul> <p>2. Power Generating unit (off grid) Wind turbine with AC to DC converter</p> <ul style="list-style-type: none"> <li>• Power rating- 200W</li> <li>• Equivalent rated/ wind speed- 200W/11m/s</li> <li>• Cut in wind speed- 1.2m/s</li> <li>• Rotor diameter - 4 Feet</li> <li>• No. of blades -3</li> <li>• Output voltage (DC)-24V</li> <li>• 3. PCU Charge controller</li> <li>• Nominal system voltage 24V</li> <li>• Current rating 12A</li> <li>• Inverter</li> <li>• Input voltage 24V</li> <li>• Power rating- 200W</li> <li>• Battery bank</li> <li>• Capacity- 80Ah</li> <li>• Voltage - 24V</li> <li>• 4. Control unit</li> <li>• Different meters</li> <li>• Ammeters</li> <li>• Voltmeters</li> <li>• Wattmeter</li> <li>• Energy meters</li> <li>• Protection devices</li> <li>• 5. Accessories</li> <li>• Power analyzer</li> <li>• Experiment manual</li> <li>• Connecting leads</li> <li>• Anemo</li> </ul>
2	Wind Turbine Emulator	<p>1. Power Generating unit (off grid) NI single board RIO GPIC Programmable DC motor</p> <ul style="list-style-type: none"> <li>• Input voltage (DC)- 220V</li> <li>• Output- 2 HP (1450W)</li> <li>• Revolution per minute - 150 RPM max</li> <li>• Induction generator - Slip sing type-capacitor excited</li> <li>• Output voltage (AC)-220V</li> <li>• Power rating-000 VA</li> <li>• AC-DC converter 220VAC to 300VDC</li> <li>• 2. PCU DC-DC converter</li> <li>• Topology - Buck type</li> <li>• Input voltage maximum (DC)- 400 V</li> <li>• Output voltage maximum (DC)- 400 V</li> <li>• Output current maximum (DC)- 15 A</li> <li>• Output load nominal (DC)- 2500W</li> <li>• Switching frequency- 50 Hz</li> <li>• Three phase Inverter</li> <li>• Maximum Input voltage (DC)- 400 V</li> <li>• Output load- 1000 VA</li> <li>• Maximum switching frequency- 10KHz</li> <li>• Gate protection- Yes</li> </ul> <p>3. Control unit</p> <ul style="list-style-type: none"> <li>• Different meters</li> <li>• Ammeters</li> <li>• Voltmeters</li> <li>• Wattmeter</li> <li>• Energy meters</li> <li>• Protection devices</li> <li>• 5. Accessories</li> <li>• Power analyzer</li> <li>• Experiment manual</li> <li>• Connecting leads</li> <li>• Tachometer</li> </ul>

**FORMAT FOR QUOTATION SUBMISSION**

(In letterhead of the supplier with seal)

Date: \_\_\_\_\_

To:

\_\_\_\_\_  
\_\_\_\_\_

Sl. No.	Description of goods (with full Specifications)	Qty.	Unit	Quoted Unit rate in Rs. (Including Ex Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments)	Total Price (A)	Sales tax and other taxes payable	
						In %	In figures (B)
<b>Total Cost</b>							

Gross Total Cost (A+B): Rs. \_\_\_\_\_

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. \_\_\_\_\_ (Amount in figures) (Rupees \_\_\_\_\_ amount in words) within the period specified in the Invitation for Quotations.

We confirm that the normal commercial warranty/ guarantee of ----- months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Contact No: \_\_\_\_\_