



DOON UNIVERSITY
Mothrowala Road, Kedarpur, Dehradun
Ph. 0135-2533105

TENDER NOTICE
005/NIT/2014

Doon University invites sealed quotation for supply of the following minor Lab instruments :-

1. Sound Level Meter
2. Ultra Sonic Liquid Processor
3. Bio Aerosol Sampler
4. MPN Analyzer
5. Electronic Balance
6. CO₂ incubator
7. Plant Culture Rack
8. Tubular Furnace
9. Acid Digestion Bomb.

Tender documents can be obtained from Doon University on payment of Rs 227/- (Inclusive of taxes). The Tender documents may also be downloaded from Doon University website www.doonuniversity.ac.in and submitted along with a demand draft of Rs 227/- in favour of Doon University. The Tender should reach on or before 05.12.14 by 12:00 hrs which will be opened on the same day at 15:30 hrs in presence of the tenders or their representatives.

Registrar



दून विश्वविद्यालय DOON UNIVERSITY
मोथरोवाला रोड, केदारपुर, पो.ओ. अजबपुर, Mothrowala Road, Kedarpur, P.O. Ajabpur,
देहरादून-248001 (उत्तराखण्ड) भारत Dehradun - 248001 (Uttarakhand) INDIA

From : (Name & Full address of the firm) :

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To,

The Store & Purchase Officer
Doon University
Dehradun-248001

Dear Sir,

1. Please refer to the advertisement for supply of Minor Equipments for SENR lab.

.....
(one category only)

Necessary particulars regarding our credential are given below :-

1. Full name & address of the firm
2. Telephone/Mobile & Fax No
3. E-mail ID
4. Status (Whether manufacturer/sole Distributors/authorized agent of stockiest of the item) send a copy of competent authority
5. Value of stock generally held at a time
6. Size and location of stores
7. Reference alongwith value of the order placed by other Govt/Semi Gove deptt
8. Sales tax No (Attach copy)
9. Income tax No (Attach copy)
10. Please indicate if you are associated with any other concern if so the name of the concerned firm may be mentioned

11. Please certify that affidavit on Rs 10/- Stamp paper, you have not been blacklisted by any department of Central/State Govt/Doon University for last five years

12. **Proprietary pattern :-**

.....
Public Ltd, Co/Private Ltd, Registered
Partnership/sole trade cooperative concern/
state undertaking/Govt Deptt. Undertaking.

13. **Other Terms & Conditions for registration:-**

- PAN/TIN No of the firm is mandatory.
- Minimum 5 years experience on the field.

Rs 8.000/- as EMD in the form of Bank Draft ofvide
No.....dated.....payable at Dehradun drawn in favour
of Doon University is enclosed herewith.

We certify that all the information given above are correct and we will be responsible for all damages caused to University due to false information. The necessary certificate of the manufacturer certifying as to this firm being the sole distributor/manufacture is enclosed herewith in original.

Yours faithfully,

Encls : As above



DOON UNIVERSITY, DEHRADUN
School of Environment & Natural Resources
Specification of Minor Equipments

01	Sound Level Meter :	<p>Specification should mention type 1/type 2 microphone with A,C,Z weighting network facility of simultaneous measurement of dBA dBC and dBZ with 1/1 and 1/3 octave levels. real time 1/1 and 1/3 octave analyser real time FFT analyser Audio recording facility Single 20- 120 dB data range, Facility of General vibration measurements (acceleration, velocity and displacement) including vibration sensor (optional). data logger with memory card with minimum 8 hour data logging facility , wind screen Minimum 8hour battery backup facility for uninterrupted operation in the field. RS 232 or other suitable device for easy data transfer necessary software and With Hand Held and Tripod mountable.</p>
02	Electronic balance	0.001, 0.01, 0.1 mg weighing machines
03	Ultra Sonicator <i>(Ultrasonic Liquid Processor)</i>	<p>Ultrasonic Liquid Processor Comprising of Microprocessor Controller, Digital Integrating Timer, Multi-Range PULSAR Cycle Timer, Overload Indicator. Sonabox Specifications: Generator: Input Voltage: 200-260 Vac @ 50/60 Hz Output Voltage: 1500 V rms (max.) Output Frequency: 20 KHz (nom.) Convertor; Aluminium material Standard Horn (PROBE 2): Titanium Alloy material made. Dimension 12.7cm x 3.8cm</p>
04	Bio aerosol sampler	<p>Six stage viable sampler With pump flow rate 28.1 lt/m and media plate, accessories</p>
05	MPN Analyzer	
06	CO2 incubator (micro processor based)	<p>Inner chamber capacity- 15l Ltrs, Fitted with inlet nozzle for monitoring CO2 gas/air mixture, To work on 220/230 volts AC. Temperature range- 60 °C + 0.5 °C, Gas cylinder (cap 10 ltrs) with regulator and rubber pipe, Automatic voltage stabilizer 3.0 KVA (Triple Relay)</p>
07	Plant culture rack	<p>Made out tubular Aluminum pipe duly painted for longer life. 5 rack of size 48 × 12 “ (depth) covered with thick unbreakable glass. distance between rack 15”, each filled with 4 fluorescent tubes. electronic chokes fitted to unit in order to avoid heat dissipation inside the room, work with 220/230 volts AC supply, individual ON/OFF switch for each tube, equipped with 0-24 hrs programmable timer.</p>

08	Acid Digestion Bomb	<p>Bomb Type: Metal Jacketed type</p> <p>Inner liner: Tick walled PTFE (Teflon) liner</p> <p>Capacity (of Inner liner): 100 to 150 ml</p> <p>Sealing or Closures: Flanged closure type that would seal using cap screws for uniform sealing force.</p> <p>Safety feature: to protect the bomb and the operator form the hazards of unexpected or dangerously high internal pressures. eg Frangible disc etc.</p>
09	Tubular Furnace	<p>Tube Configuration: Horizontal</p> <p>Length of tube: 60 cm or higher</p> <p>Internal diameter of tube: 7 cm or more</p> <p>Maximum operating temperature: 1200 °C</p> <p>Temperature controller: Programmable with at least up to 6 steps.</p> <p>Uniform length If heating(+5°C) : > 20 cm</p> <p>Accessories to maintain gas flow and vacuum in the tube.</p> <p>Work tube: IAP (impervious aluminous porcelain) tube 60 cm or higher</p> <p>Gas tight end seals</p> <p>Insulation end plugs</p> <p>Radiation end shields or plugs for Vacuum</p> <p>High Vacuum end seals and connections</p> <p>Ceramic Combustion boats 10 nos of size (length 100 mm, width 30 mm, and high 30 mm)</p> <p>Desirable Safety feature: the furnace should have some sort of Over Temperature Protection feature.</p>