



DEPARTMENT OF AGRONOMY
COLLEGE OF AGRICULTURE
G. B. PANT UNIVERSITY OF AGRICULTURE & TECHNOLOGY
PANTNAGAR – 263145, DISTT – U. S. NAGAR (UTTARAKHAND)

No/CA/Agron/ 123
Dated – 23-02-2019

To,

M/S.....
(To whom it may concern)


Sub: Invitation of sealed quotations (I.F.Q.) for the Purchase of Soil respiration system.

“PLEASE CAREFULLY GO THROUGH THIS DOCUMENT AND ENSURE COMPLIANCE AND NON-COMPLIANCE OF ANY CONDITION MAY MAKE YOUR OFFER INVALID”

Dear Sirs,

We are interested in the Purchase of the articles mentioned overleaf. Quotations are invited through speed post/registered post/courier/by hand only from the registered firms/open tender with the University to supply item/items. The details are also available on the University website. Please send your quotation in **SEALED COVERS (sealed with sealing wax)** so as reach this office on or before **05.03.2019** While submitting quotations please note that:-

- 1- Rates quoted should be F.O.R. Pantnagar including packing forwarding and transit insurance. The goods should be insured against theft, loss or breakage during transit by the supplier before dispatch is made. The responsibility in this respect will be of the supplying firm and not of the University.
- 2- The rates of sales Tax (Central and Provincial etc.) should be clearly indicated at which rate is chargeable.
- 3- The rates of Excise duty should also be clearly indicated, if included in cost the excise duty component should be indicated separately.
- 4- In case of the item being on D.G.S. & D. Rate Contract, please enclose a copy of the Rate Contract.
- 5- Each quotation is to be enclosed in a double cover. The inner-cover should be sealed and super-scribed, Quotation for **Soil respiration system** your No. **CA/Agron/123** dated **23-02-2019** Due date **05.03.2019**. The outer cover should bear only address of the undersigned without any indication that there is a quotation within.
- 6- The quotation shall be opened in the presence of the representative of any or all of the quoting firms at 3.00 p.m. on next day or 2nd or 4th Saturday in the office of undersigned at G.B. Pant University of Agriculture & Technology, Pantnagar.
- 7- Payment will be made by crossed cheques on the State Bank of India/United Commercial Bank/Punjab National Bank, Pantnagar or a account pay draft at the cost of the supplier only after the receipt of material in good condition.
- 8- The acceptance of the quotation will rest with the Vice-Chancellor who does not bind himself to accept the lowest quotation and reserves the right himself to reject or partially accept any or all the quotation received without assigning any reason.
- 9- In case of any dispute the matter shall be referred to the Vice-Chancellor of this University whose decision shall be binding to both the parties.
- 10- Please quote your sales Tax No. & Income Tax No. also on your quotation.
- 11- In case of supply order being placed on you;
“As time is the essence of this order, the date of delivery should be strictly adhered to otherwise the Vice-Chancellor reserves the right not to accept delivery in part or full and claim the liquidated damages 1% per week subject to a maximum of 10% of total value of the supply order,”
- 12- **You will have to deposit upto 1.00 lakh 5%, 1.00 lakh to 5 lakh 4%, 5 lakh to 15 lakh 3% of the total cost of items quoted by you as earnest money in the form of demand draft or fixed deposit receipt or bankers cheque in favor of Comptroller G.B. Pant University of Agriculture & Technology, payable at SBI/PNB/UCO Bank, Pantnagar.**
- 13- **The imported equipments above 3.00 lakh may be purchased in Indian currency provided Custom Duty Exemption is made available by the firm.**
- 14- On demand one sample of each quoted item may please be sent to judge the quality of material along with quotation. The sample should invariably be received in this office on or before due date and time of opening of quotations.
- 15- The quotations are liable to be cancelled, if any of the above conditions are not complied with.
- 16- The validity of rates should be 90 days from the date of opening of bid quotation.


(Sumit Chaturvedi)
Associate professor,
Agronomy

* PTO for specifications

TECHNICAL SPECIFICATION
SOIL RESPIRATION SYSTEM

Analysis method	Non dispersive infrared configured with micro processor control
Standard CO₂ Calibration range/measurement range	0- 10000 ppm.
Pressure compensation range	80-100 Kpa
Accuracy	< 1% of span concentration
Stability	Auto-Zero at regular intervals
Sampling Rate	10 Hz. averaged data at regular intervals of 1-2 seconds.
Sampling Pump	Programmable for dynamic and static sampling
Terminal Block	for system inputs and outputs
Analog Output	0-2 V and 4-15 mA
Digital Output	USB and mini USB for PC
Environmental Sensor Inputs	2-3 with external chambers and environmental sensors
Power	Internal, rechargeable battery of 230 V for >10 hrs continuous use
Enclosure	Durable, lightweight made of aluminum/polyurethane or both.
Operating Temperature	0-50°C
Data Transfer	Software for data transfer
Soil respiration chamber	Dimension: 100-200 mm (Height) X 100-150 mm (Diameter)
Canopy assimilation chamber	Exposed Area: 150-200 cm Dimension: 100-200 mm (Height) X 100-150 mm (Diameter)
OPTIONAL	
<ul style="list-style-type: none"> • Sample injection kit • Septum (set of 5) • Collar for soil respiration chamber • Collar for canopy assimilation chamber 	

Sumit Chaturvedi

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