



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

No/CA/Agron/673

Dated – 17/08/2017

To,

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

Sub: Invitation of sealed quotations (I.F.Q.) for the Purchase of Green Seeker Hand Held Crop Sensor, Electronic Analytical Balance & Infrared Thermometer.

“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 **16.09.2017** 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 Green Seeker Hand Held Crop Sensor, Electronic Analytical Balance & Infrared Thermometer** your No. CA/Agron/673 dated 17/08/2017 due date **16-09-2017**. 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 lac 5%, 1.00 lac to 5 lac 4%, 5 lac to 15 lac 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 favour of Comptroller G.B. Pant University of Agriculture & Technology, payable at SBI/PNB/UCO Bank, Pantnagar.**
- 13- **The imported equipments above 3.00 lac 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)

* PTO for specifications

1. Green Seeker Hand Held Crop Sensor

Power

Battery: 3.7VDC nominal, 1130 mAh

Charging: 5VDC, 320mA max

Charging Time: 5 hour (full charge)

Mechanical

Dimensions: 3.5" x 10.5" (9 cm x 27 cm)

Weight: 11 oz. (310 g), including battery

Housing

Material: Xenoy plastic

Rating: IP54

Emission Wavelengths

Red: 660 nm, -25 nm FWHM

Near infrared: 780 nm, -25 nm FWHM

Field of view: 10° at 24", 20° at 48"

Height range: 24" - 48"

Connectors

Charging port: Micro-B (micro USB)

Temperature

Charging: 10°C - 40°C

Operating (non-charging): 10°C - 50°C

Storage: -10°C - 70°C

2. Sartorius Electronic Analytical Balance

Weighing Capacity : 220 g

Readability : 0.1 mg

Pan Size : ø 80 mm

Repeatability : < + 0.1 mg

Linearity : < + 0.2 mg

3. Infrared Thermometer

Laser Convergence Distance: 30" (76.2cm)

Range: -58 to 1832°F (-50 to 1000°C)

Repeatability: ±0.5% or 1.8°F/1°C

Basic Accuracy: ±(1% of rdg + 2°F/1°C)

Max resolution: 0.1°F/°C

Emissivity: 0.10 to 1.00 Adjustable

Field of View (Distance to Target): 30:1

Dimensions: 5.7x4x1.6" (146x104x43mm)

Weight: 5.7oz (163g)

Features:

- Dual laser for accurate target
- White backlit dual LCD display
- Fast 0.15 second response time with Max display
- Adjustable emissivity increases measurement accuracy for different surface
- Adjustable High/Low set points with audible alarm alerts user when temperature exceeds the programmed set points
- Lock function for continuous readings
- Double molded housing
- Complete with pouch case and 9V battery