



भा.कृ.अनु.प-केन्द्रीय रोपण फसल अनुसंधान संस्थान
अनुसंधान केन्द्र, मोहितनगर, जलपाईगुडि 735 102, प. बंगाल
ICAR-CENTRAL PLANTATION CROPS RESEARCH INSTITUTE
Research Centre, Mohitnagar, Jalpaiguri-735102, W.B.

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फ.स.एफ-5(10)/2015 /Stores

दिनांक- 13-01-2016

सेवा मे,

M/s.....

विषय: Sub: Quotation for Lab equipments -regarding

महोदय / Sir,

Sealed quotations are re-invited for supply of laboratory equipments at ICAR-CPCRI, Research Centre Mohitnagar, Jalpaiguri, West Bengal.

Sl. No.	Item	Qty	Specification
1.	Lux Meter	01 Unit	Detailed specifications is attached separately
2	Colorimeter		
3	Digital Platform Balance		
4	Electronic Weighing Machine		
5	pH Meter		

Terms & Conditions

1. The rates quoted should be valid, for a minimum period of 90 days, from the due date of receipt of quotations.
2. Complete description, specification of the item(s) quoted should be given along with catalogue.
3. Should indicate time required for affecting supply/installation upon receipt of supply order.
4. Should indicate the rate of ST/CST/ED/VAT/Entry Tax etc. if charges extra.
5. Should specify whether the item(s) quoted are under DGS&D rates contract. If so details of the rate contract should be furnished with the quotation.
6. Quotation should clearly indicate the point of supply FOR destination, ICAR-CPCRI, Research Centre, Mohitnagar, Jalpaiguri
7. Bid Security @ 2% of the quoted amount must be deposited in the form of Demand Draft drawn in favour of "ICAR Unit, CPCRI, Research Centre Mohitnagar" on SBI, Jalpaiguri. Deposit at Call Receipt of the SBI will also be accepted as earnest money provided the receipt obtained from the bank is attached with the quotation/tender. Remittance of EMD in any other mode not acceptable.
8. **TRANSIT INSURANCE:** The purchaser will not pay separately for transit insurance and the supplier will be responsible until the entire stores contracted for arrive in good condition at destination.

9. The buyer shall have the right to levy liquidated damages at a percentage not exceeding 5% per each month or part thereof in respect of supplies so delayed and delivered.
10. Guarantee offered for the item(s) should be indicated from the date of receipt of item(s).
11. Payment will be made only after satisfactory receipt/installation of the item(s)/completion of work by this office. No advance payment/part payment is admissible as per our rules.
12. Quotation received after the due date and without EMD will not be entertained.
13. The item(s) ordered should be supplied in a lot. Part supply will not be accepted.
14. The right to accept or reject the quotation rests with the Scientist-in-charge, CPCRI, Research Centre Mohitnagar, Jalpaiguri, WB.
15. The successful tenderer shall have to furnish an unconditional performance security for an amount of 5% of the order value. Performance security may be furnished in the form of an Account Payee Demand Draft, Fixed Deposit receipt or Bank Guarantee from a commercial bank in an acceptable form. The performance security valid for a period for 60 days beyond the date of completion of all the contractual obligations including warranty obligations should be furnished with 15 days of acceptance of order. Bid security will be refunded to the successful tenderer on receipt of performance security.

Quotation showing the rate may be submitted in sealed cover. Your sealed quotation, super scribed as Quotation for supply of "laboratory equipments" due on 08-02-2016 may be sent so as to reach this office on or before 08-02-2016 at 3.00 PM.



(अरुण कुमार सित)
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NOTICE BOARD, CPCRI, RC, Mohitnagar

प्रतिलिपि सूचना एवं अवसक कारवाई कि लिये :-

- निर्देशक, केन्द्रीय रोपण फसल अनुसंधान संस्थान, कासरगोड, केरल। with a request to put the notice in web site.
- वरिष्ठ वित्त एवं लेखा अधिकारी, केन्द्रीय रोपण फसल अनुसंधान संस्थान, कासरगोड, केरल।

Lux Meter

- Display: 3 1/2 digits LCD display, reading value display about 1999
- Ranges: 1-100,000Lux. (3 Ranges)
20,000Lux range: reading×10
50,000Lux range: reading×100
- Resolution: 1Lux
- Accuracy: ≤10,000Lux: ±4%rdg±0.5fs
≥10,000Lux: ±5+10digits(Calibrated to standard incandescent lamp at color temperature 2856K)
- Repeatability: ±2%
- Temperature Characteristic: ±0.1%/°C
- Test rate: 0.2times/sec.
- Photo detector: silicon photo diode with filter. Operation temperature-humidity: -10°C to 40°C(32°F-104°F) 0~70%Rh
- Storage temperature-humidity: -10°C to 50°C (14°F-140°F) 0~80%Rh
- Over-input: indication of "1" (2,000Lux/20,000Lux)
Indication of "OVER" (100,000Lux)

Colorimeter

Filter Optical filter (420nm,470nm,530nm,620nm,660nm)
Photometric Range 0-110%T (Transmittance)
0-1.999Abs(Absorbance)
0-1999C(Concentration)
Sample Volume 1.0ml min
Sample Container Square cuvette 10*10*45(mm)
Round cuvette 10(ID),12(OD),105(L)mm
Power Requirement 6V DC or 220VAC
Dimensions 180(W)*84(D)*60(H) mm

Platform Balance

- High resolution up to 15,000 counts
- Easy to read (0.8") High Bright LED display.
- Built-in-rechargeable battery continues use.
Power supply-AC-220 V +10% 50-60 Hz and built with rechargeable battery backup
- Remote Display Optional
- Environmentally protected Load Cell.
- Back Rail Support.
- Suitable for industrial environment.
- 60 x 60 or 75 x 75 cm platform size Stainless Steel
- Capacity-150-200 kg

Electronic Weighing Machine for laboratory use

- Capacity 200 g
- Readability -0.01 mg
- Linearity -0.1mg with standard Pan, numeric display unit, auto calibration and minimum response time.
- Power supply-AC adaptor 230 V or 115 v/±-20% 50-60 Hz.

pH meter

- Range- 0-14
- Resolution- 0.01or more pH
- Stability in minimum time, 3-4 buffer range with auto/manual compensation in 0-99.9°C range and LED display.

pH

Range	: 0 to 14 pH	0 to 14 pH
Resolution	: 0.01 pH	0.001 pH
Stability	: 0.01 pH per hour	0.002 pH per hour
Relative Accuracy	: ± 0.02 pH ± 1 Digit	± 0.002 pH ± 1 Digit
Slope	: 85% to 115%	85% to 115%
Standard Buffers	: 7.000, 4.004 or 9.183	1.679, 4.004, 7.000, 9.183, 12.454 Acceptable
Buffer Deviation	: ± 0.5 pH	± 0.5 pH
Other working buffers	:	0 to 14 pH (value entered through numerical keys)
mV		
Range	: 0 to ± 1999.9 mV	0 to ± 1999.9 mV
Resolution	: 1 mV	0.1 mV
Accuracy	: ± 1 mV ± 1 Digit	± 0.5 mV ± 1 Digit or $\pm 0.05\%$ of reading
Temperature		
Compensation	: Auto / Manual	Auto / Manual
Range	: 0 to 99.9° C	0 to 99.9° C
Resolution	: 0.1° C	0.1° C
Accuracy	: ± 0.5 ° C ± 1 Digit	± 0.5 ° C ± 1 Digit
Display	: 7 digits, 7 segment LED (3 digits for temp. and 4 digits for pH)	2 line, 20 character alphanumeric LCD
Annunciation	: With auto-polarity and decimal point. Mode annunciation by LED.	Individual LED with keys for calibration, pH, ABS mV, REL mV and print.
Data Storage	:	80 Reading
Printer port	: Epson compatible 80 column Dot Matrix	Epson compatible 80 column Dot Matrix
Power	: 230 V AC $\pm 10\%$, 50 Hz.	230 V AC $\pm 10\%$, 50 Hz.
Dimensions	: 250(W) X 205(D) X 75(H) mm	250(W) X 205(D) X 75(H) mm
Weight	: 1.25 kg (Approx)	1.25 kg (Approx)
Accessories	: i) pH Electrode (Combined) ii) Temperature Probe (PT-100 Sensor) iii) Electrode Stand & Clamp	i) pH Electrode (Combined) ii) Temperature Probe (PT-100 Sensor) iii) Electrode Stand & Clamp
Optional		
Accessories	: i) Redox Electrode (Pt. Electrode) ii) Calomel Electrode iii) 80 Column Dot Matrix Printer	i) Redox Electrode (Pt. Electrode) ii) Calomel Electrode iii) 80 Column Dot Matrix Printer

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