



KERALA AGRICULTURAL UNIVERSITY
INTEGRATED FARMING SYSTEM RESEARCH STATION
NEDUMCAUD, KARAMANA P.O.
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No.IFSRS-878 /2024

Dated: 22.10.24

QUOTATION NOTICE

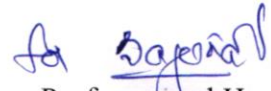
Sealed quotations are invited for the supply of CO₂ meter for this station. Interested firms can be participated in the Quotation process. The specifications are tabled below.

- NDIR method principal for CO₂ measurement (ppm), available for long term operation.
- High repeatability and high accuracy
- CO₂ function with alarm setting.
- Large S-TN LCD, high contrast, easy readout.
- Data hold function for freezing the desired value on display.
- Records maximum and minimum readings with Recall.
- RS232/USB computer interface.
- Microprocessor circuit assures maximum possible accuracy, provides special functions and features.
- Heavy duty & compact housing with hard carrying case, designed for easy carry out & operation.
- Auto shut off is available to save battery life.
- Power supply from batteries or DC 9V adapter in.
- Custom one-chip of microprocessor LSI circuit.
- LCD size: 52mmX 38mm dual function LCD display, (CO₂ & temperature)
- Response Time- < 2min.typically.
- CO₂ altitude compensation setting : 0 to 9,000 meters.
- CO₂ Alarm Value Setting
- Auto power off enable /disable setting
- Automatic temp.compensation. (°C/°F setting)
- CO₂ (Carbon dioxide) range: 0 to 4000 ppm, repeatability : ± 20ppm, resolution: 1ppm
Accuracy : ± 40 ppm, ≤ 1,000 ppm.
- Operating Temperature : 0 to 50 ° C, Resolution : 0.1 degree, Accuracy : C-0.8 °C , °F - 1.5F
- Power Supply – DC 1.5 V battery (UM3,AA) x 6PCs, or equivalent
- Weight: Main instrument: 372 g/0.82 LB. @ Battery is included, CO₂ probe : 158g/0.35 LB.
- Dimension : Main instrument : 173*68*42mm (7.9x2.7x1.2 inch) CO₂ Probe : 185*38*26mm
- Hard Carrying case – 1Pc included

- Warranty – 1 year
- Companies should be with unique scientific certifications of Environment management system, Quality management system & Medical device registration.

TERMS AND CONDITIONS

1. Sealed cover containing the quotation should be superscribed 'Quotation for the supply of CO₂ meter and addressed to the '**Professor and Head, IFSRS, Karamana**' and reach the undersigned on or before 2.45 pm on 30/10/2024 and the same will be opened at 3 pm at the chamber of the Head of office in the presence of those quotationers or their representatives (with letter of authority from the concerned quotationers) who are present at that time.
2. Late and incomplete quotations will not be considered at any circumstances.
3. The cost of GST/tax and other charges, if any, should be seperately stated.
4. The warranty of the item should be stated clearly.
5. The rules and regulations pertaining to Government quotations will be applicable.
6. The item should be supplied (with warranty papers) within a week of confirmation of supply order.
7. Professor and Head, IFSRS, Karamana shall have full power to accept or reject the quotation without assigning any reason to do so.


Professor and Head

Copy to: Notice Board



PROFESSOR & HEAD
Kerala Agricultural University
Integrated Farming System Research Station
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