



**Department of Environment Studies
Panjab University, Chandigarh 160014, INDIA**

Prof. Harminder Pal Singh
Principal Investigator

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N.I.Q.
UNDER REGISTERED POST

184-192/NMHS/HPS/ENV
3.10.2019

Dear Sir,

Please quote your lowest rates in DUPLICATE, for the item(s) given below as per the specifications. Your quotation should reach the undersigned on or before **19.10.2019**.

Item: **Chlorophyll Fluorescence Meter;** *Quantity:* **One**

A **Lightweight and Portable system** with following specifications:

- **Light Intensity** : 2000 $\mu\text{mol m}^{-2} \text{s}^{-1}$ or better
- **Modulation Frequency** : 8 - 80 Hz or better
- **Optical Probe** : Fiber Optics or better
- **Operating temperature** : 0 to 50°C

Measured and calculated parameters:

- **Dark Adapted** F_0 (Minimum Fluorescence), F_m (Maximum Fluorescence), F_v/F_m (maximum quantum efficiency of Photosystem II)
- **Ambient Illumination (ambient illumination)** : F_s (Minimum Fluorescence), F_{ms} (Maximum Fluorescence), $Y-II$ (maximum quantum efficiency of Photosystem II) and quenching/heat dissipation
- **Option to attach with existing Photosynthesis System (IRGA)**
- **Warranty for both parts and labor should be for a minimum of two years.**

The rates quoted should be **FOR Department of Environment Studies, PU, Chandigarh. Special Discount** for educational institutions/University teaching department may be mentioned.

The technical and financial bid, and EMD (2% of the quoted price in the form of DD in favour of *The Registrar, Panjab University, Chandigarh*) be enclosed in separate sealed envelopes duly marked and placed together in a duly sealed envelope giving our reference and due date of quotation. It should reach **Prof. Harminder Pal Singh, Principal Investigator, Department of Environment Studies, Panjab University, Chandigarh 160 014, by 19.10.2019 by 4.30 pm.**

Thanking you,

Yours Sincerely,

Harminder Pal Singh
Principal Investigator