

Prof. Harminder Pal Singh

Principal Investigator

Tel. (0172) 253 4095 E-mail: hpsingh_01@yahoo.com

M/s	
	<u>N.I.Q.</u>
	UNDER REGISTERED POST

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 08.02.2020.**

Item: Chlorophyll Fluorescence Meter; Quantity: One

A Lightweight and Portable system with following specifications:

➤ Light Intensity: 2000 µmol m⁻² s⁻¹ or better

➤ Modulation Frequency: 8 - 80 Hz or better

> Optical Probe : Fiber Optics or better

 \triangleright Operating temperature : 0 to 50°C

Measured and calculated parameters:

- ➤ **Dark Adapted** Fo (Minimum Fluorescence), Fm (Maximum Fluorescence), Fv/Fm (maximum quantum efficiency of Photosystem II)
- ➤ Ambient Illumination (ambient illumination): Fs (Minimum Fluorescence), Fms (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 08.02.2020 by 5.00 pm.

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Than	kıng	you,

Yours Sincerely,

Harminder Pal Singh



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Principal Investigator

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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 08.02.2020.**

Item: GPS; Quantity: One

Handheld, light weight, rugged system to work in wide range of temperature (−20 to > 50°C) with Automatic data collection; with both 4G cellular (text and voice capable) and integrated Wi-Fi (802.11 b/g/n or better) and integrated Bluetooth (4.0 or better); with processor Qualcomm ≥ 2 GHz processor with ≥4GB RAM, ≥64 GB flash memory, real time, <1.5 m DGNSS accuracy, inbuilt receiver and antenna, micro SD card slot, integrated speaker and microphone; digital camera (≥13 MP rear and ≥ 5 MP front); with integrated flash, sun light readable with Gorilla glass; multi-capacitive touch screen; full HD; Replaceable Li-ion battery ≥4800 mAH; NFC with Android 6 or higher operating system; user interface on screen keyboard, and programmable key; water and dust proof; with free perpetual software; with at least one year warranty from the date of installation; with soft pouch, screen protectors (at least 2), USB cable, A/c charger, and other standard accessories. The device and software should be of same OEM.

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 08.02.2020 by 5.00 pm.

The rates should be FOR, PU, Chandigarh.

Yours Sincerely,

H.P. Singh

PI



Prof. Harminder Pal Singh

Principal Investigator

Tel. (0172) 253 4095 E-mail: hpsingh_01@yahoo.com

M/s
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 08.02.2020.
Item: Protein Analyzer - Recirculating Pump; Quantity: One
For attachment with Protein Analyzer for aspiration of the fumes; fume neutralization by atomization with sucking power; noiseless/quiet; high flow rate (≥ 30 l/min); better than jet pumps; reduce water consumption; should not allow gaseous pollutants in air; should work independently of water pressure, flow rate and tap water
The technical and financial bid, and EMD (2% of the quoted price in the form of DD in favour of <i>The</i>
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 08.02.2020 by 5.00 pm.
The rates should be FOR, PU, Chandigarh.
Yours Sincerely,
H.P. Singh
PI