



PIR:RPC12028HWW1 -01
MC: ZZPC00113018

PRODUCT PURCHASE SPECIFICATION

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SUPERSEDES

1.0 NAME OF EQUIPMENT : Soil CO₂ Exchange System

2.0 GENERAL: Automatic Soil CO₂ exchange system for Soil respiration measurement, Soil Temperature, PAR (Photosynthetically Active Radiation). Instrument should have In-built infra-red gas analyzer close to Soil Chamber for fast measurements or detachable chamber. System should have digital LCD display with automatic recording facility for un attended measurements. System should be programmable for un-attended use.

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3.0 SPECIFICATION OF EQUIPMENT :

3.1 The should have following specification :

- Measurement of CO₂ : Infra-Red Gas Analyzer with CO₂ Range 0- 850ppm or more.
- PAR : 0-3000 μmols/m²/s¹
- Display : Large LCD Display
- Data Storage : Instrument should have sufficient Data storage capacity.
- Power Supply : Battery Operated. Battery should work at least for one day.
- Data Output : 1) Compact Flash Card 2) RS232 Cable
- Chamber : Open system


3.2 Complete System should be supplied with Soil CO₂ Exchange System with PAR Sensor, Instruction Manual, Chemicals, Heavy duty carrying case, Soil Temperature Probe (2No) Data downloading cable.

SIGN & DATE

			NAME	SIGNATURE & DATE
			TRANSLATED BY	
			WORKED BY	Dr.Satyavir Bhatnagar
			CHECKED BY	Dr.Satyavir Bhatnagar
AGREED DEPTT.	NAME	DATE & SIGNATURE	i SUPERVISED BY	Dr.N.G.Shrivastava
			APPROVED :	
REV.NO.	1		PREPARED :	
Dt.	25.2013		ISSUED :	

Handwritten signatures and dates:
 Dr. Satyavir Bhatnagar: 25/10/13
 Dr. N.G. Shrivastava: 25/10/13
 Issued: 25/10/13

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SUPERSEDES INVENTORY NO.	<p>3.3. Essential Scope of supply for the offered model should be clearly given in the Offer.</p> <p>3.4. Dust Cover/ carry bag should be provided.</p> <p>3.5. Catalogue: Printed Catalogue must be provided along with the offer for the equipment Offered.</p> <p>4.0 General Terms & Conditions</p> <p>4.1 Document: One hard copy of O&M manual in English language giving complete technical information for operation and maintenance of the equipment including circuit diagram shall be supplied.</p> <p>4.2 Installation and Commissioning: The supplier shall install & commission the Equipment at PCRI, BHEL, and Hardwar, demonstrate the performance of the Equipment .</p> <p>4.3 Training: Supplier shall give necessary training to user at the time of installation & commissioning .</p> <p>4.4 The equipment will work on 230 VAC, 50 Hz single phase supply.</p> <p>4.5 Guarantee: The equipment shall be guaranteed for satisfactory performance for a period of 18 months from the date of commissioning and 24 months from the date of dispatch whichever is earlier. In case of any breakdown during this time period, the guarantee period will get extended accordingly.</p> <p>4.6 Party should quote accessories on an optional basis.</p>				
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INVENTORY NO.	REV.NO.	1	WORKED BY	Dr.Satyavir Bhatnagar	<i>Asst. Mgr</i>
			Checked By	Dr.N.G.Shrivastava	<i>Asst. Mgr</i>