



**भारतीय उष्णदेशीय मौसम विज्ञान संस्थान**  
**INDIAN INSTITUTE OF TROPICAL METEOROLOGY,**  
 (पृथ्वी विज्ञान मंत्रालय का स्वायत्त संस्थान, भारत सरकार के अधीन)  
 (An Autonomous Institute of the Ministry of Earth Sciences, Govt. of India)

No. PS/125/19/2007/

Date :

M/s.

Dear Sir,

We are interested in procurement of the following items. You are, therefore, requested kindly to submit your Quotation / Pro-forma Invoice in triplicate so as to reach this Institute on or before **8 January 2008**. The envelope should be super scribed "Enquiry Number PS/125/19/2007 due on **8 January 2008**".

क्रम सं. Sr. No.	भण्डार का विवरण Description of Stores	इकाई Unit	मात्रा Quantity
01	<b>Supply and Installation of "Portable Dual Beam Ozone monitor along with calibrator"</b>  <b>(As per specifications enclosed)</b>	<b>Units</b>	<b>Two</b>

The proforma invoice shall indicate the following information and also accompany relevant technical literature.

1. FOB / FCA value including packing, forwarding and inland freight charges.
2. C&F / CIF Mumbai (INDIA) value by airfreight.
3. Please indicate the name & address of your Indian agent. Please also indicate the amount of agency commission payable to him in Indian currency after the receipt of the consignments in good condition at our Stores and in case of equipment after the satisfactory installation & commissioning. Indian Foreign Exchange & Regulations Act do not permit the inclusion of Indian agency commission, discount or like rebates allowed by foreign suppliers in FOB value, payable to their Indian agents. Such commission, discount etc., if any, must be indicated separately in your offer;
4. Indicate the names of the Indian reputed organizations where you have supplied the similar equipment and may attach the satisfactory performance report of the equipment from users;
5. If you have supplied identical or similar equipment to other Govt. Organization CSIR/Labs/Institute., the details of such supplies for the preceding three years should be given together with the prices eventually or finally paid;
6. Fax/e-mail tenders will not be considered

**P.T.O.**

तार : ट्रॉपमेट, पुणे Grams : TROPMET, PUNE

फैक्स : Fax : (020) 25893825 दूरभाष : Telephone : 25893600 / 25893675 - 81

डॉ. होमी भाभा मार्ग, पाषाण / Dr. Homi Bhabha Road, Pashan, पुणे / Pune - 411 008 ( भारत / India )

7. Please indicate clearly all bank charges (inside & outside India) shall be borne by the supplier/ beneficiary.
8. Details of services to be rendered by you.
9. The offer may be kept valid for minimum period of 180 days.
10. Proprietary Certificate in Original.
11. Country of Origin.
12. Terms & Period of Warranty.

We prefer to release the payment on Bill basis (excluding Indian agency commission) after the receipt of consignment in good condition. Alternatively, depending upon the value and foreign exchange regulations the payment can also be considered through Sight Draft/Letter of Credit through the State Bank of India for the order value excluding the Indian agency commission.

The payment shall be made by way of Letter of Credit through the State Bank of India, Pune - 411 001 ( INDIA ) excluding the Indian Agency Commission which shall be paid directly to Indian Agents in Indian rupees after receipt of materials in sound condition. Insurance shall be arranged by us if the mode of dispatch is air-freight.

Thanking you,

Yours faithfully,

(S. R. NIRGUDE)  
Senior Technical Officer-II  
For Director

**Specifications of "Portable Dual Beam Ozone monitor along with calibrator " - Qty 02 Units.**

<b>Specifications of "Portable Ozone Monitor"</b>		
1.	Measurement Principle	UV absorption at 254 nm
2.	Analytical Range	1.0 ppbv to 100 ppmv
3.	Precision and Accuracy	Greater of 1 ppbv or 2%
4.	Measurement Interval	2 seconds (Averaging Option: 10s, 1 min., 5min., 1hr.)
5.	Flow Rate	Approximately 1 Liter/min
6.	Data Storage	20480 lines of data (10s avg=2.4days, 5 min avg=2.4mos)
7.	Data Outputs	RS-232, 0-2.5 V DC analog, LCD Display
8.	Power Requirements	12 V DC, 5.0 W
9.	System Includes	Ozone Monitor AC Adapter (100-240 V AC to 12 V DC) Cigarette Lighter Adapter Battery Wire Connector, Serial Cable, Zeroing Cartridge Calibration Data, Warranty
<b>Specifications of "Calibrator for Ozone Monitor"</b>		
1.	Method of Ozone Production	UV Photolysis of O <sub>2</sub> at 185 nm
2.	Ozone Concentration Range	0 ppbv and 30 ppbv to 1,000 ppbv
3.	Precision and Accuracy of Output	> 2 ppbv or 1% of ozone concentration
4.	Response time	For change in Ozone output concentration < 30 s to reach 95% of concentration change
5.	Flow Rate	Regulated at 2.5 Liter / min volumetric
6.	Power Requirements	12 V dc or 120/240 V ac, 18 watt

(S. R. NIRGUDE)  
Senior Technical Officer-II  
for Director