



# NATIONAL CENTRE FOR ANTARCTIC & OCEAN RESEARCH

Ministry of Earth Sciences Government of India) Headland Sada, Vasco da Gama Goa - 403 804 - INDIA

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#### **PROCUREMENT SECTION**

## FOREIGN ENQUIRY

Ref. No.:
Date:

Due Date:

SOE-50313

03.07.2013

22.07.2013

Dear Sir,

You are requested to send your offer for the following items as per the terms and conditions mentioned below.

SL.	DESCRIPTION	Quantity
NO.		
1.	FLUID IMAGING	01 No.
	(Specifications As Per Annexure-I)	

### Your offer should contain the following information:

- 1. Submit your quotation on F.O.B/C.I.F basis.
- 2. Delivery Period:
- 3. Validity of quotation:
- 4. Quantity/Trade discounts, if any. :
- 5. Guarantee/Warranty of the product:
- 6. Taxes applicable (VAT if any):
- 7. Enclose brochure/leaflet Specification:
- 8. **No advance payment** will be made. Payment by irrevocable letter of credit after supply and acceptance of the equipment by NCAOR. The payment will be authorized after submission of a Bank Guarantee for 10% value of the order towards warranty guarantee. The **performance Bank Guarantee** should be furnished within 15 days from the date of placement of order from a reputed bank (scheduled bank in India **or** foreign bank operating in India) valid till 60 days after the warranty period.
- 9. Overwriting and corrections should be attested properly. The quotaion should be complete in all respects and should be duly signed. Incomplete and unsigned quotation will not be considered at all.
- 10. All relevant technical literature pertain to items quoted **with full specifications** (Drawing, if any), information about the products quoted, including brochures if any should accompany the quotation.
- 11. A list of **reputed clients** to whom the firm has supplied similar items to be furnished alongwith the quotation.
- 12. Quotation should be **valid for a period of 90 days** and the period of delivery required should also be clearly indicated. If the supplier fails to deliver the goods within the time to be agreed upon, for delayed deliveries and for delays in installation (wherever applicable) NCAOR reserves the right to **levy liquidated damages** at the rate of 0.5% per week or part

- their of upto maximum of 5%.
- 13. Warranty shall commence from the date of installation and acceptance of the complete equipment supplied under the Purchase Order / Contract. The warranty period and the kind of post-warranty support should be indicated.
- 14. Please **specify the Make/Brand** and Name of the Manufacturer with address, country of origin and currency in which rates are quoted.
- 15. Both **FOB** and **CIF** prices upto Indian port of entry namely <u>Goa</u> should be indicated. However quotation should contain item-wise prices including total ex-works price and cost of packing forwarding, approx. cost of air-freight charges for delivery up to Goa, India.
- 16. A technical Committee constituted by the Director will assess the product supplied/installed for their quality and their conformity to the specifications provided by the firm in their quotations. Any item(s) identified by the Committee to be not as per the specifications or are found to be of inferior quality will be rejected, and the bills towards the supply will not be processed for payment till proper replacements are provided.
- 17. Suppliers should clearly define the mechanisms of **post-warranty** maintenance or support. Supplier should undertake to support the product for a minimum period of 5 years (post-warranty). Post Warranty, AMC charges for a period of 3 years (annual bases) should also be quoted separately in the quotation.
- 18. Two sets of operational, service/troubleshooting manuals and diagrams to be supplied.

Please enclose documentary proof such as latest purchase order copies etc., to substantiate the reasonability of price. Also confirm that the "the rates quoted by you are reasonable and lowest charged to any of your customer".

Director, NCAOR reserves the right to reject any quotation received without assigning any reasons.

Yours faithfully

Executive (Procurement)
For and on behalf of Director, NCAOR

## Specifications As Per Annexure-I

- Portable Colour Fluid Imaging System: MODEL: Portable Color FlowCAM® VS IV,: FlowCAM® = FlowCAM® CPU + Optics+Software.
- An integrated Computer providing for rapid particle detection and image capture. Visual Spreadsheet software for instrument operation and data analysis, including enumeration, image analysis, automated particle/organism classification.
- Portable FlowCAM® entire system in one convenient carrying case.
   Computer Intel® Core® 2 Duo Processor 2.3 GHz, 2 GB RAM, 500 GB
   Hard Drive, Windows XP Pro, MSOffice®, Camera Colour Digital
   Progressive Scan CCD Camera: Laser Solid-State blue (488) and Green (30-mW 532-nm)
- Laser Analysis: Constant Imaging, Light Scatter, Fluorescence Triggering, Individual article.
- Measurement, 3 Channel Detection 2 Channel Fluorescence/1 Channel Light Scatter.
- Power requirements: Single phase 220 VAC or 12 Volts DC.
- 4 magnification (20x, 10x, 4x and 2x) optics package and software for detecting and imaging organisms/particles ranging in size from 3 Im to 1mm:
- Flow cell chambers (inclusive of flow cells with suitable holders) of different sizes such as 50Im (6 Nos), 100Im (12 Nos.), 300Im (6 Nos.), 1000Im (3 Nos.), 2000Im (2 Nos.), 3000Im (2 Nos.): (3) Field of view flow cell for 10x and 4x magnification).
- Visual Spread sheet software for editing and library creating 1 No., Syringe
  Pump for Precise Sample Fluid Control 1 No., Quick Connect FlowCell
  Holder 3 Nos required for above mentioned flow cells, One set of Operation &
  Maintenance Manual.
- One year warranty.
- Spare extra tubing: Installation, Commissioning & Operator's training at site (NCAOR).