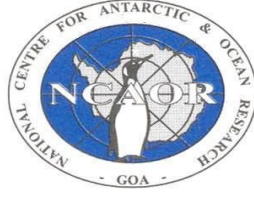


राष्ट्रीय अंटार्कटिक एवं  
समुद्री अनुसंधान केन्द्र  
पृथ्वी विज्ञान मंत्रालय  
भारत सरकार)  
हेड लैंड सडा, वास्को डा गामा  
गोवा- ४०३ ८०४ भारत



**NATIONAL CENTRE FOR  
ANTARCTIC & OCEAN RESEARCH**

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

**Telefax NO.: +91 832 2525573**

**Email:warlu62@ncaor.gov.in**

**PROCUREMENT SECTION**

**FOREIGN ENQUIRY**

M/s.

Ref. No.:

**SOCP-011**

Date:

**18.06.2015**

Due Date:

**30.06.2015**

Dear Sir,

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

SL. NO.	DESCRIPTION	Quantity
1.	Subsurface Mooring Monitoring Beacon with Accessories (Specification as per annexure I)	1

**Your offer should contain the following information:**

1. Submit your quotation on FOB/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 quotation should be complete in all respects and should be duly signed. **Incomplete and unsigned quotation will not be considered at all. Quotation should be submitted as per NCAOR terms and conditions.**
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 along-with 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

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 Goa 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).
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”.

NOTE: Please enclose a copy of valid certificate to substantiate as Authorized Dealer, Agent, Stockist or Trader, to consider your quotation.

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

**Yours faithfully**

**Sd/-  
Executive (Procurement)  
For and on behalf of Director, NCAOR**

**TENDER ACCEPTANCE UNDERTAKING**

To

The Director,  
**NCAOR, Headland Sada,**  
Vasco – Goa.

Having examined the tender document for **SUPPLY OF SUBSURFACE MOORING MONITORING BEACON WITH ACCESSORIES**, we the undersigned hereby offer to supply the equipment in conformity with all specifications and conditions set out in the tender document.

We enclosed all the relevant documents as per the tender.

We understand that you are not bound to accept the lowest or any tender received.

**Date :**

**(Signature of Bidder)**

**Name :**

**Designation :**

Seal

**SPECIFICATION FOR SUPPLY OF SUBSURFACE MOORING MONITORING BEACON WITH ACCESSORIES**

<b>SL. NO.</b>	<b>DESCRIPTION</b>	<b>Quantity</b>
1.	Agros system based subsurface mooring beacon- should contain a high efficiency switch mode power supply, allowing usage of wide range of battery types. Specification should be as follows- Body Construction: Should be as of Titanium Mooring depth: > 5000 meters Pressure switch threshold: UP to 30 to 40 meter supported battery type: Alkaline/NiMH type/Lithium Peak supply current: Battery cell voltage: 0.8 to 3.7 Volt 100 mA Mooring life: At least up to 2 years Transmission Life: At least 12 months Operating conditions: Temperature-10 to 40°C Deployment in Southern Ocean conditions.	1

**Specification for VHF Radio Beacon cum Flasher**

<b>SL. NO.</b>	<b>Features</b>	<b>DESCRIPTION</b>
1.	Self contained, combined submersible radio beacon and flasher, maximum operating depth 600 m, Flasher detectable 4 nautical miles away and VHF detectable 8 miles away	
2.	Dimensions	35-40 cm (L) x 4-5 cm (Diameter) Should be attachable to ADCP buoy.
3.	Power control	Manually activated
4.	Battery	Alkaline batteries
5.	Battery life	At least one week
6.	Radio Frequency transmitter	Output: 1 Khz pulse Frequency range: 160.725 Hz Harmonics: 40 db minimum On/Off: 2 sec/4 sec Integrated Antenna
7.	Flasher	Replaceable flash tube Atleast 20 x 106 flashes Flash rate: Adjustable; 10-40/min Visibility range:2-4 nautical miles Effective Intensity: Adjustable; Range of 6-35 candelas 3 to 6 volt battery life
8.	Operating temperature	-40 to 60°C
9.	Operating depth	10-600m
10.	Float collar	To increase positive buoyancy

**TECHNICAL COMPLIANCE STATEMENT FOR SUBSURFACE MOORING MONITORING BEACON WITH ACCESSORIES**

Sr. No.	Description	COMPLIED/ NOT COMPLIED	EXTRA FEATURES
	<b>TECHNICAL COMPLIANCE FOR “SUBSURFACE MOORING MONITORING BEACON WITH ACCESSORIES”.</b>		
1	Agros system based subsurface mooring beacon- should contain a high efficiency switch mode power supply, allowing usage of wide range of battery types. Specification should be as follows- Body Construction: Should be as of Titanium Mooring depth: > 5000 meters Pressure switch threshold: UP to 30 to 40 meter supported battery type: Alkaline/NiMH type/Lithium Peak supply current: Battery cell voltage: 0.8 to 3.7 Volt 100 mA Mooring life: At least up to 2 years Transmission Life: At least 12 months Operating conditions: Temperature-10 to 40°C Deployment in Southern Ocean conditions.		

**Specification for VHF Radio Beacon cum Flasher**

SL. NO.	Features	DESCRIPTION	COMPLIED/ NOT COMPLIED	EXTRA FEATURES
1.	Self contained, combined submersible radio beacon and flasher, maximum operating depth 600 m, Flasher detectable 4 nautical miles away and VHF detectable 8 miles away			
2.	Dimensions	35-40 cm (L) x 4-5 cm (Diameter) Should be attachable to ADCP buoy.		
3.	Power control	Manually activated		
4.	Battery	Alkaline batteries		
5.	Battery life	At least one week		
6.	Radio Frequency transmitter	Output: 1 Khz pulse Frequency range: 160.725 Hz Harmonics: 40 db minimum On/Off: 2 sec/4 sec Integrated Antenna		
7.	Flasher	Replaceable flash tube Atleast 20 x 106 flashes Flash rate: Adjustable; 10-40/min Visibility range:2-4 nautical miles Effective Intensity: Adjustable; Range of 6-35 candelas 3 to 6 volt battery life		
8.	Operating temperature	-40 to 60°C		
9.	Operating depth	10-600m		
10.	Float collar	To increase positive buoyancy		

**Signature with seal**

**COMMERCIAL COMPLIANCE STATEMENT FOR “SUBSURFACE MOORING MONITORING BEACON WITH ACCESSORIES”**

Sr. No.	COMMERCIAL COMPLIANCE FOR “SUBSURFACE MOORING MONITORING BEACON WITH ACCESSORIES”	COMPLIED/ NOT COMPLIED	EXTRA FEATURES
1	A list of <b>reputed clients</b> to whom the firm has supplied similar items to be furnished along-with the quotation.		
2	In the Bid, the Bidder should furnish the Name and address of the Purchasers placed orders on similar equipment with order No, date, Description and quantity, Date of Supply alongwith Contact person Telephone No, Fax No, and e mail address of Purchaser.		
3	The Bidder should enclose copies of Purchase Orders.		
4	Quotation should be <b>valid for a period of 90 days</b> from the date of tender opening.		
5	The <b>warranty period</b> and the kind of <b>post-warranty support</b> should be indicated. Warranty shall commence from the date of installation and acceptance of the complete equipment supplied under the Purchase Order / Contract.		
6	Please <b>specify</b> country of origin and currency in which rates are quoted.		
7	<b>The order acknowledgement</b> should be from the principals and if the Indian Agent is empowered to quote and to furnish order acknowledgement, a copy of agreement entered by you with the Indian Agent to be furnished.		
8	<b>Compliance Statement:</b> Equipments point-by-point comparison/compliance statement with <b>technical specification</b> , should be enclosed along with your tender as well as any other extra features of the equipment be shown separately therein and also <b>compliance statement for all commercial terms</b> .		
9	To avail duty concessions i.e. <b>Excise Duty</b> as per Govt. notification 10/97 & <b>Custom Duty</b> as per Govt. notification 51/96, NCAOR will provide exemption certificates. Hence, the rates should be split into basic cost and Excise Duty if any.		
10	<b>Bid should contain</b> all details and specifications of the equipment offered, delivery schedule, warranty, payment term, installation, training, post-warranty, user-list, service support and details of the price(s) of the item(s) quoted in the bid.		
11	In case of imported stores both <b>FOB and CIF prices upto Indian port of entry</b> namely Goa should be indicated. However tender should contain item-wise prices including total ex-works price, overall weight & dimensions of the equipment and cost of packing forwarding, approx. cost of air-freight charges for delivery up to Goa, India.		
12	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.		
13	<b>No advance payment</b> will be made. Payment by <b>irrevocable letter of credit</b> and on submission of Performance Bank Guarantee for 10%value of Order value towards warranty guarantee.		
14	Tender acceptance undertaking as per our enquiry submitted		
15	Two sets of operational, service/troubleshooting manuals and diagrams to be supplied with <b>“SUBSURFACE MOORING MONITORING BEACON WITH ACCESSORIES”</b>		
16	<b>The submission of tender</b> shall be deemed to be an admission on the part of the tenderer, had fully acquainted with the specifications, drawings etc. and no claim other than what stated in the tender shall be paid in the event of award of Purchase Order.		

17	<p><b>Acceptance of this tender</b> form and submission of the quote within the stipulated time would be treated as:</p> <ul style="list-style-type: none"><li>• The tenderer has understood all requirements as described in our Tender document.</li><li>• Acceptance to provide/establish all the facilities mentioned in our tender without any price escalation, if the tenderer finds it necessary to add any hardware or software or any other materials during implementation.</li><li>• Agreeing to execute order to the satisfaction of NCAOR or its authorized representatives within the stipulated time.</li></ul>		
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**Signature with seal**