

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.:	<b>SOCP-037</b>
Date:	<b>16.01.2017</b>
Due Date	<b>13.02.2017</b>

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.	Oceanographic Acoustic Release: 6000 m operating depth. (Specification as per annexure I)	As per annexure I

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

1. Submit your quotation on FOB 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 thereof 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. **FOB 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”.**

**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 OCEANOGRAPHIC ACOUSTIC RELEASE**, 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 OCEANOGRAPHIC ACOUSTIC RELEASE**

<b>SL. NO.</b>	<b>DESCRIPTION</b>	<b>Quantity</b>
1.	<p>Oceanographic Acoustic Release: 6000 m operating depth.</p> <ul style="list-style-type: none"> <li>• 5 tonne release load rating and load lift rating, operation frequency for deep water mooring. Stainless steel body.</li> <li>• Transducer (5-10 km slant range)</li> <li>• Multiple ping release confirmation</li> <li>• Tilt indication feature (&gt;25° off axis)</li> <li>• Remote active transducer (deck unit)</li> <li>• Transponder control unit</li> <li>• Timed disabling feature and enabling command</li> <li>• Multiple ping reply: 2,4,8 &amp; 16 h</li> <li>• Operating conditions- -5 to 40°C</li> <li>• Battery life&gt; 14 months.</li> <li>• It should be compatible with below surface unit</li> </ul>	2
2	<ul style="list-style-type: none"> <li>• Shipping box</li> </ul>	2
3	<p><b>Surface Unit:</b> The UDB-9400A Universal Deck Box operates in the 7-16 kHz band and can receive only one selectable frequency at a time, in 250-Hz increments, within frequency band.</p> <p>This is powered externally from 85-264 VAC, 47-63 Hz at 50 watts typical. The portable configuration of this should also be powered from its two internal rechargeable batteries. Optionally external 10-30 VDC power can be used to power both the portable and rack mount configurations.</p> <p>Minimum 12 VDC is required to charge the batteries. Transmit Pulse Width: 5.0 – 15.0ms, user selectable. Receive Pulse Width: 5.0 – 15.0ms, user selectable. Turnaround time: 0.0-99.9ms, user selectable. Timeout: 2.0-99.5s, user selectable. Ping Lockout: 0.0 – 1500.0ms, user selectable.</p>	
4	Spares: Tandem release mounting kit, Anode bar, Drop link and Spare parts kit (including Oring Kit), 4 Nuts of 4 inch with bolts	1 set
5	<ul style="list-style-type: none"> <li>• Warranty for 12 months, supply and training</li> </ul>	

**TECHNICAL COMPLIANCE STATEMENT FOR OCEANOGRAPHIC ACOUSTIC RELEASE**

Sr. No.	Description	COMPLIED/ NOT COMPLIED	EXTRA FEATURES
	<b>TECHNICAL COMPLIANCE FOR “OCEANOGRAPHIC ACOUSTIC RELEASE”.</b>		
1	<p>Oceanographic Acoustic Release: 6000 m operating depth.</p> <ul style="list-style-type: none"> <li>• 5 tonne release load rating and load lift rating, operation frequency for deep water mooring. Stainless steel body.</li> <li>• Transducer (5-10 km slant range)</li> <li>• Multiple ping release confirmation</li> <li>• Tilt indication feature (&gt;25° off axis)</li> <li>• Remote active transducer (deck unit)</li> <li>• Transponder control unit</li> <li>• Timed disabling feature and enabling command</li> <li>• Multiple ping reply: 2,4,8 &amp; 16 h</li> <li>• Operating conditions- -5 to 40°C</li> <li>• Battery life&gt; 14 months.</li> </ul>		
	<ul style="list-style-type: none"> <li>• It should be compatible with below surface unit</li> </ul>		
2	<ul style="list-style-type: none"> <li>• Shipping box</li> </ul>		
3	<p><b>Surface Unit:</b> The UDB-9400A Universal Deck Box operates in the 7-16 kHz band and can receive only one selectable frequency at a time, in 250-Hz increments, within frequency band. This is powered externally from 85-264 VAC, 47-63 Hz at 50 watts typical. The portable configuration of this should also be powered from its two internal rechargeable batteries. Optionally external 10-30 VDC power can be used to power both the portable and rack mount configurations.</p> <p>Minimum 12 VDC is required to charge the batteries. Transmit Pulse Width: 5.0 – 15.0ms, user selectable. Receive Pulse Width: 5.0 – 15.0ms, user selectable. Turnaround time: 0.0-99.9ms, user selectable. Timeout: 2.0-99.5s, user selectable. Ping Lockout: 0.0 – 1500.0ms, user selectable.</p>		
4	Spares: Tandem release mounting kit, Anode bar, Drop link and Spare parts kit (including Oring Kit), 4 Nuts of 4 inch with bolts		
5	<ul style="list-style-type: none"> <li>• Warranty for 12 months, supply and training</li> </ul>		

**Signature with seal**