

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



NATIONAL CENTRE FOR
ANTARCTIC & OCEAN RESEARCH

Ministry of Earth Sciences
Government of India)
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PROCUREMENT SECTION

FOREIGN ENQUIRY

Ref. No.: ARCTIC-133
Date: 18.03.2015
Due Date: 10.04.2015

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.	SBE 37 IMP (Titanium casing) CTD with batteries and accessories (specifications in Annexure-I)	5 Nos
2.	SBE 37 IMP-ODO sensors (Titanium casing) with batteries, ECO-PARS, ECO-FLNTUS and accessories (specifications in Annexure-II)	2 Nos
3.	Seabird Nitrate Suna V2 (Satlantic) and accessories (specifications in Annexure-III)	1 No

Your offer should contain the following information:

1. Submit your quotation on F.O.B/C.I.F basis.
2. Delivery Period: The material is required immediately. Please confirm the exact date of delivery.
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 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 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). 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**

TENDER ACCEPTANCE UNDERTAKING

To

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

Having examined the tender document for **SUPPLY OF SBE 37 (TITANIUM CASING) CTD WITH BATTERIES AND ACCESSORIES, SBE 37 IMP-ODO SENSORS (TITANIUM CASING) WITH BATTERIES, ECO-PARS, ECO-FLNTUS AND ACCESSORIES, SEABIRD NITRATE SUNA V2 (SATLANTIC) AND 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 SBE 37 (TITANIUM CASING) CTD WITH BATTERIES AND ACCESSORIES.

SBE 37 IMP (Titanium casing) CTD with batteries and accessories (5 nos)
Conductivity, Temperature and Depth sensor with IM Capability

Accessories

1. 37IMP-1g (5 nos)
Wire guide and mounting clamp for 10mm diameter mooring wire for 5 nos IMP
2. IMM with accessories (2nos)
For configuring SBE 37 IMP (Inductive Modem Module (IMM) Developers kit, including PN 90554.1 RS-232 or logic level modem module, straight connectors. Including inductive test coupler (801588), IMM-to-computer serial cable (801583), 9V battery (other connector orientations)
3. 371IMP-4 (2 nos)
Storm shipping case (iM2950) to hold up to 4 SBE37-IMPs
4. 801542 (5 nos)
AF24173 (Anti-foulant Device (pair, bagged, labelled for shipping)
5. 20200 (2 nos)
USB to Serial Port Adapter, FTDI UC232R-10 (connects computers with USB ports to RS-232 instruments)
6. 801836 (4 nos)
37IMP internal data I/O cable, 0.3 m (DN 33406)
7. 37IMP-3d for all the 5 nos SBE37 IMPs
1000 meter strain gauge pressure sensor

SPECIFICATION FOR SUPPLY OF SBE 37 IMP-ODO SENSORS (TITANIUM CASING) WITH BATTERIES, ECO-PARS, ECO-FLNTUS AND ACCESSORIES

Seabird SBE 37 IMP-ODO with batteries and accessories (2 nos)
Microcat including SBE63 DO, CT titanium and Pressure sensors [DO & CTD synchronized]

Accessories

1. 37IMP-1g (2 nos)
Wire guide and mounting clamp for 10mm diameter mooring wire for 2 nos IMP
2. IMM with accessories (1 no)
For configuring SBE 37 IMP -ODO (Inductive Modem Module (IMM) Developers kit, including PN 90554.1 RS-232 or logic level modem module, straight connectors. Including inductive test coupler (801588), IMM-to-computer serial cable (801583), 9V battery (other connector orientations)
3. 801542 (2 nos)
AF24173 Anti-foulant Device (pair, bagged, labelled for shipping)
4. 20200 (1 no)
USB to Serial Port Adapter, FTDI UC232R-10 (connects computers with USB ports to RS-232 instruments)
5. 801836 (1 no)
37IMP internal data I/O cable, 0.3 m (DN 33406)
6. 37IMP-3d (2 no)
1000 meter strain gauge pressure sensor
7. 37IMP-4I (1 no)
Storm Shipping Case (iM2950) instead of standard wood crate-holding up to 3 SBE 37-IMP-ODOs
8. 2 no. BPA 50B External Battery
9. Y Cable from Battery to 4 nos. ECO instruments
10. 2 Clamps for Battery

Seabird ECO-FLNTUS fluorometer and accessories (2 nos)

ECO-FLNTUS chlorophyll with turbidity, integral memory and biowiper.

Accessories

1. Integral battery-2 nos
2. 2 clamps for mounting ECO-FLNTUS to Mooring (10mm diameter)

Seabird ECO-PARS Photosynthetically Active Radiation Sensor and accessories (2 nos)
ECO-PARS with internal memory and biowiper

Accessories

1. Integral battery-2 nos
2. 2 clamps for mounting ECO-PAR to Mooring

SPECIFICATION FOR SUPPLY OF SEABIRD NITRATE SUNA V2 (SATLANTIC) AND ACCESSORIES

Seabird-Satlantic Nitrate Suna V2 and accessories (1 no)

Accessories

1. SUNAV2-1 -Integrated biofouling wiper
2. SUNAV2-3 -Internal logging/USB communications (in addition to serial output)-
REQUIRED/NECESSARY
3. SUNAV2-5 -Seawater Calibration
4. SUNAV2-6 -SUNA V2 flow cell (for 10 mm pathlength)
5. SUNAV2-7 -Biofouling guard (for 10mm pathlength)
6. SUNAV2-8 -USB Programming Cable
7. SUNAV2-9 -RS-232 Programming Cable
8. SUNAV2-10 -5 m deployment cable
9. SUNAV2-11 -Battery cable
- 10.SUNAV2-12 -Shipping case
11. Clamps for mounting SUNA V2 and battery packs
Suitable clamps for mounting SUNA V2 sensor with battery pack in 10mm mooring line.
12. Battery packs-For 1 year operation (1 hour sampling interval)
Satlantic Submersible D-cell battery pack: Anodized aluminium pressure case (1000m depth rating) with derlin pressure release valve, wet pluggable connector and zinc anode to prevent corrosion. Including batteries, 51 Ah.

Annexure I

TECHNICAL COMPLIANCE STATEMENT FOR SUPPLY OF SBE 37 (TITANIUM CASING) CTD WITH BATTERIES AND ACCESSORIES

Description	COMPLIED/ NOT COMPLIED	EXTRA FEATURES
SBE 37 IMP (Titanium casing) CTD with batteries and accessories (5 nos) Conductivity, Temperature and Depth sensor with IM Capability		
Accessories		
1. 37IMP-1g (5 nos) Wire guide and mounting clamp for 10mm diameter mooring wire for 5 nos IMP		
2. IMM with accessories (2nos) For configuring SBE 37 IMP (Inductive Modem Module (IMM) Developers kit, including PN 90554.1 RS-232 or logic level modem module, straight connectors. Including inductive test coupler (801588), IMM-to-computer serial cable (801583), 9V battery (other connector orientations)		
3. 37IMP-4 (2 nos) Storm shipping case (iM2950) to hold up to 4 SBE37-IMPs		
4. 801542 (5 nos) AF24173 (Anti-foulant Device (pair, bagged, labelled for shipping)		
5. 20200 (2 nos) USB to Serial Port Adapter, FTDI UC232R-10 (connects computers with USB ports to RS-232 instruments)		
6. 801836 (4 nos) 37IMP internal data I/O cable, 0.3 m (DN 33406)		
7. 37IMP-3d for all the 5 nos SBE37 IMPs 1000 meter strain gauge pressure sensor		

TECHNICAL COMPLIANCE STATEMENT FOR SUPPLY OF SBE 37 IMP-ODO SENSORS (TITANIUM CASING) WITH BATTERIES, ECO-PARS, ECO-FLNTUS AND ACCESSORIES.

Description	COMPLIED/ NOT COMPLIED	EXTRA FEATURES
Seabird SBE 37 IMP-ODO with batteries and accessories (2 nos) Microcat including SBE63 DO, CT titanium and Pressure sensors [DO & CTD synchronized]		
Accessories 1. 37IMP-1g (2 nos) Wire guide and mounting clamp for 10mm diameter mooring wire for 2 nos IMP		
2. IMM with accessories (1 no) For configuring SBE 37 IMP -ODO (Inductive Modem Module (IMM) Developers kit, including PN 90554.1 RS-232 or logic level modem module, straight connectors. Including inductive test coupler (801588), IMM-to-computer serial cable (801583), 9V battery (other connector orientations)		
3. 801542 (2 nos) AF24173 Anti-foulant Device (pair, bagged, labelled for shipping)		
4. 20200 (1 no) USB to Serial Port Adapter, FTDI UC232R-10 (connects computers with USB ports to RS-232 instruments)		
5. 801836 (1 no) 37IMP internal data I/O cable, 0.3 m (DN 33406)		
6. 37IMP-3d (2 no) 1000 meter strain gauge pressure sensor		
7. 37IMP-4I (1 no) Storm Shipping Case (iM2950) instead of standard wood crate-holding up to 3 SBE 37-IMP- ODOs		
8. 2 no. BPA 50B External Battery		
9. Y Cable from Battery to 4 nos. ECO instruments		
10. 2 Clamps for Battery		
Seabird ECO-FLNTUS fluorometer and accessories (2 nos) ECO-FLNTUS chlorophyll with turbidity, integral memory and biowiper.		
Accessories 1. Integral battery-2 nos		
2. 2 clamps for mounting ECO-FLNTUS to Mooring (10mm diameter)		
Seabird ECO-PARS Photosynthetically Active Radiation Sensor and accessories (2 nos) ECO-PARS with internal memory and biowiper		
Accessories 1. Integral battery-2 nos		
2. 2 clamps for mounting ECO-PAR to Mooring		

TECHNICAL COMPLIANCE STATEMENT FOR SEABIRD NITRATE SUNA V2 (SATLANTIC) AND ACCESSORIES

Description	COMPLIED/ NOT COMPLIED	EXTRA FEATURES
Seabird-Satlantic Nitrate Suna V2 and accessories (1 no)		
Accessories		
1. SUNAV2-1 -Integrated biofouling wiper		
2. SUNAV2-3 -Internal logging/USB communications (in addition to serial output)-REQUIRED/NECESSARY		
3. SUNAV2-5 -Seawater Calibration		
4. SUNAV2-6 -SUNA V2 flow cell (for 10 mm pathlength)		
5. SUNAV2-7 -Biofouling guard (for 10mm pathlength)		
6. SUNAV2-8 -USB Programming Cable		
7. SUNAV2-9 -RS-232 Programming Cable		
8. SUNAV2-10 -5 m deployment cable		
9. SUNAV2-11 -Battery cable		
10.SUNAV2-12 -Shipping case		
11. Clamps for mounting SUNA V2 and battery packs Suitable clamps for mounting SUNA V2 sensor with battery pack in 10mm mooring line.		
12. Battery packs-For 1 year operation (1 hour sampling interval) Satlantic Submersible D-cell battery pack: Anodized aluminium pressure case (1000m depth rating) with derlin pressure release valve, wet pluggable connector and zinc anode to prevent corrosion. Including batteries, 51 Ah.		

Signature with seal

COMMERCIAL COMPLIANCE STATEMENT FOR SUPPLY OF SBE 37 (TITANIUM CASING) CTD WITH BATTERIES AND ACCESSORIES

Sr. No.	COMMERCIAL COMPLIANCE FOR "SUPPLY OF SBE 37 (TITANIUM CASING) CTD WITH BATTERIES AND ACCESSORIES"	COMPLIED/ NOT COMPLIED	EXTRA FEATURES
1	A list of reputed clients 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 valid for a period of 90 days from the date of tender opening.		
5	The material is required immediately. Please confirm the exact date of delivery.		
6	The warranty period and the kind of post-warranty support should be indicated. Warranty shall commence from the date of installation and acceptance of the complete equipment supplied under the Purchase Order / Contract.		
7	Please specify country of origin and currency in which rates are quoted.		
8	The order acknowledgement 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.		
9	Compliance Statement: Equipments point-by-point comparison/compliance statement with technical specification , should be enclosed along with your tender as well as any other extra features of the equipment be shown separately therein and also compliance statement for all commercial terms .		
10	To avail duty concessions i.e. Excise Duty as per Govt. notification 10/97 & Custom Duty 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.		
11	Bid should contain 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.		
12	In case of imported stores both FOB and CIF prices upto Indian port of entry 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.		
13	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.		
14	No advance payment will be made. Payment by irrevocable letter of credit and on submission of Performance Bank Guarantee for 10%value of Order value towards warranty guarantee.		
15	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 financial bid.		
16	If the quoted item needs to be imported then the undertaking needs to be produced from the original supplier stating that Post Warranty support for a minimum period of 7 years will be provided from the original supplier to NCAOR on LC Terms of payment. If payment needs to be made and spares will be supplied on the lowest rate quoted than to any other customer with providing the sales price list to the NCAOR periodically as and when increase/decrease in prices.		

17	Tender acceptance undertaking as per our enquiry submitted		
18	Two sets of operational, service/troubleshooting manuals and diagrams to be supplied with “SUPPLY OF SBE 37 (TITANIUM CASING) CTD WITH BATTERIES AND ACCESSORIES, SBE 37 IMP-ODO SENSORS (TITANIUM CASING) WITH BATTERIES, ECO-PARS, ECO-FLNTUS AND ACCESSORIES, SEABIRD NITRATE SUNA V2 (SATLANTIC) AND ACCESSORIES”		
19	The submission of tender 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.		
20	<p>Acceptance of this tender form and submission of the quote within the stipulated time would be treated as:</p> <ul style="list-style-type: none"> • The tenderer has understood all requirements as described in our Tender document. • 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. • Agreeing to execute order to the satisfaction of NCAOR or its authorized representatives within the stipulated time. 		

Signature with seal