

TENDER DOCUMENT FOR



SUPPLY, INSTALLATION & TRAINING OF WATER LEVEL RECORDER (RADAR TYPE)

NATIONAL CENTRE FOR ANTARCTIC & OCEAN RESEARCH

(Ministry of Earth Sciences, Govt. Of India)

Headland Sada, Vasco-da-Gama

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NATIONAL CENTRE FOR ANTARCTIC & OCEAN RESEARCH
(Ministry of Earth Sciences, Govt. Of India),
HEADLAND SADA, VASCO-DA-GAMA,
GOA - 403 804

TENDER NO. NCAOR/LAB-2115/PT-02
TENDER FOR SUPPLY, INSTALLATION & TRAINING OF WATER LEVEL RECORDER
(RADAR TYPE).

1.	SUPPLY, INSTALLATION & TRAINING OF WATER LEVEL RECORDER (RADAR TYPE). Specifications: Quantity	As per Annexure-I 01 No.
2.	General Terms and Conditions	As per Annexure II
3.	Cost of Tender Documents (In Person)	US\$ 30.00 ` 500.00
4.	Cost of Tender Documents (By Post)	US\$ 45.00 ` 550.00
5.	EMD	<p>Tender documents can be downloaded by tenderers from NCAOR website. In case a tenderer is using the documents and forms downloaded from the website, the cost of tender documents shall be sent in the form of Bank Draft in a separate envelope along with the tender.</p> <p>A) Foreign Bidders shall submit EMD along with their tender, in the form of a <u>bank guarantee only</u> for a sum of US\$ 300.00 (US\$ Three Hundred only)</p> <p>B) Indian Bidders shall submit EMD along with their tender, either by DD drawn in favor of NCAOR, for a sum of ` 15,000/- (Rupees Fifteen Thousand only) payable at Vasco-da-Gama only.</p> <p style="text-align: center;">Or</p> <p>In the form of a bank guarantee for a sum of ` 15,000/- (Rupees Fifteen Thousand only)</p>
6.	Last Date and time for issue of tender documents	WEDNESDAY 21.05.2014 1600Hrs (IST)
7.	Last Date and time for submission of sealed quotations	THURSDAY 22.05.2014 1700Hrs (IST)
8.	Date and time of tender opening	FRIDAY 23.05.2014 1000Hrs (IST)

SPECIFICATION FOR WATER LEVEL RECORDER (RADAR TYPE).

The system should have data logger and radar water level sensors including other accessories. **The fully integrated system will only be accepted.** The sensors must comply to the type, range, accuracy, resolution and operating temperature conditions of the specifications. Since, the data logger, sensors and solar panel will be mounted on a tower/tripod which should cater for fitments of assemblies for sensors, data logger, solar panel and other accessories. The sensors as mentioned in specification should be provided with complete accessories i.e. connectors, at least 100 meter cable or more and mounting fixtures. The integration of the sensors with the data logger will be ensured by the firm. Software if any, for processing the data collected.

Sr. No	Multi-channel multi frequency GPR	Essential Parameter	TECHNICAL SPECIFICATION FOR SUPPLY, INSTALLATION & TRAINING OF WATER LEVEL RECORDER (RADAR TYPE).
1.	Radar Water Level Sensor	Type	The System should have non contact water level measurement sensor
		Measurement level	0-30m and above
		Measurement accuracy	± 3.00mm
		Display	It should have built in LCD display monitor and set up.
		Transmit Frequency	24-26 GHz
		Output compatibility	SDI-12 and RS-232 or RS-485 output with baud rate 1200 or higher, connecting cable at least 2m and higher and sensor should be interfaced with data logger only on SDI port.
			Sensor should be with NIMA 4X (IP65/IP66) enclosure compatible for subzero environment (up to -40°C) and Sensor should also have sealed horn/radome
	Environmental condition	Operating & Storage temperature:	-40°C to 60°C
		Relative Humidity (RH)	0-100%
	Data Logger*	Interfacing	4 Analog inputs with 24 bits or higher resolution; interfacing/communication facilities with sensor on SDI-12 or higher port; Digital input/output; WIFI interface, WIFI adapter plug; Data download/retrieving through direct/WIFI communication with Laptop/ tablets etc
		Data Storage Capacity	Minimum 2 GB or more
		Power	Should have the provision to work in AC and DC power supply; Power input voltage (10-16 volts); Battery should compatible to work in sub zero (-10°C to 40°C), Preferable: Power LEDs Battery: 12V 65ah Volve Regulated Lead Acid (VRLA) or higher; Compatible with external power source; Solar Panel: compatible to recharge batteries and supply enough power (at least 30W or higher with solar charger controller) and should be able to operate in high altitudes and harsh weather

			conditions.
		Data sampling interval	User selectable (1 minute to 24 hrs)
		Software	Compatible software should supply with system
	Tower/Mast		Galvanised stainless steel material withstand in extreme harsh climate at Himalaya (altitude>4000m) Mounting clamp with triangular Tower (straight pillar: 3-5m & L shape booms 2-3m) for installation of sensor and data logger Good quality cable with required length (connecting cable between data logger and sensor should at least 100m or more and it should withstand in given operating temperature of (-40°C to + 50°C) through WIFI/RS 232 port.
			Training should be provided to the NCAOR personnel for the operation and maintenance of the station.

*The Data Logger should incorporate the latest **state-of-the-art technology and must consume very low power.** Since the equipment will have to operate under stringent weather conditions in hilly regions, the system should be rugged and sealed to avoid ingress of moisture. The complete details of the current set up of the datalogger should be provided. The user manual should spell out the settings. A separate copy of the set up programme should be provided in a CD. The design of the data logger should be modular and the replacement of the modules should be easy and user friendly. The data loggers should have least tuning parts (preferably none) and should provide consistent performance for at least two years. **The Data loggers should be enclosed in a weatherproof enclosures Nema-IV (IP65/IP66) grade with amphetronics connectors made of I steel/Reinforced Polyester (FRP) composite material.** Keeping in view the low temperature conditions in the field, there should be a provision for quick and easy replacement of the data loggers from the **weatherproof enclosures.** The mounting/ dismounting of the Data loggers in the enclosure should be with the help of latches. Further, it should be possible to lock/unlock these latches with gloves-in-hand. User manual for the station will also be provided by the firm which will include the setup/program details, calibration constants, wiring diagram of the concerned sensors, and any other station specific details . At least 4 analogs input should have for augmenting other hydrological/meteorological sensors like velocity, discharge, temperature, rain etc.

TECHNICAL COMPLIANCE STATEMENT FOR WATER LEVEL RECORDER (RADAR TYPE).

I

Sr. No	TECHNICAL SPECIFICATION FOR WATER LEVEL RECORDER (RADAR TYPE).	COMPLIED/ NOT COMPLIED	EXTRA FEATURES
	The system should have data logger and radar water level sensors including other accessories. The fully integrated system will only be accepted.		
	The sensors must comply to the type, range, accuracy, resolution and operating temperature conditions of the specifications.		
	Since, the data logger, sensors and solar panel will be mounted on a tower/tripod which should cater for fitments of assemblies for sensors, data logger, solar panel and other accessories.		
	The sensors as mentioned in specification should be provided with complete accessories i.e. connectors, at least 100 meter cable or more and mounting fixtures.		
	The integration of the sensors with the data logger will be ensured by the firm. Software if any, for processing the data collected.		

II

Sr. No	Multi-channel multi frequency GPR	Essential Parameter	TECHNICAL SPECIFICATION FOR WATER LEVEL RECORDER (RADAR TYPE).	COMPLIED/ NOT COMPLIED	EXTRA FEATURES
	Radar Water Level Sensor	Type	The System should have non contact water level measurement sensor		
		Measurement level	0-30m and above		
		Measurement accuracy	± 3.00mm		
		Display	It should have built in LCD display monitor and set up.		
		Transmit Frequency	24-26 GHz		
		Output compatibility	SDI-12 and RS-232 or RS-485 output with baud rate 1200 or higher, connecting cable at least 2m and higher and sensor should be interfaced with data logger only on SDI port.		
			Sensor should be with NIMA 4X (IP65/IP66) enclosure compatible for subzero environment (up to -40°C) and Sensor should also have sealed horn/radome		
	Environmental condition	Operating & Storage temperature :	-40°C to 60°C		
		Relative Humidity (RH)	0-100%		

	Data Logger*	Interfacing	4 Analog inputs with 24 bits or higher resolution; interfacing/communication facilities with sensor on SDI-12 or higher port; Digital input/output; WIFI interface, WIFI adapter plug; Data download/retrieving through direct/WIFI communication with Laptop/ tablets etc		
		Data Storage Capacity	Minimum 2 GB or more		
		Power	Should have the provision to work in AC and DC power supply; Power input voltage (10-16 volts); Battery should compatible to work in sub zero (-10°C to 40°C), Preferable: Power LEDs Battery: 12V 65ah Volve Regulated Lead Acid (VRLA) or higher; Compatible with external power source; Solar Panel: compatible to recharge batteries and supply enough power (at least 30W or higher with solar charger controller) and should be able to operate in high altitudes and harsh weather conditions.		
		Data sampling interval	User selectable (1 minute to 24 hrs)		
		Software	Compatible software should supply with system		
	Tower/Mast		Galvanised stainless steel material withstand in extreme harsh climate at Himalaya (altitude>4000m) Mounting clamp with triangular Tower (straight pillar: 3-5m & L shape booms 2-3m) for installation of sensor and data logger Good quality cable with required length (connecting cable between data logger and sensor should at least 100m or more and it should withstand in given operating temperature of (-40°C to + 50°C) through WIFI/RS 232 port.		
			Training should be provided to the NCAOR personnel for the operation and maintenance of the station.		

III

Sr. No	TECHNICAL SPECIFICATION FOR WATER LEVEL RECORDER (RADAR TYPE).	COMPLIED/ NOT COMPLIED	EXTRA FEATURES
	*The Data Logger should incorporate the latest <u>state-of-the-art technology and must consume very low power.</u>		
	Since the equipment will have to operate under stringent weather conditions in hilly regions, the system should be rugged and sealed to avoid ingress of moisture.		
	The complete details of the current set up of the datalogger should be provided.		
	The user manual should spell out the settings.		
	A separate copy of the set up programme should be provided in a CD.		
	The design of the data logger should be modular and the replacement of the modules should be easy and user friendly.		
	The data loggers should have least tuning parts (preferably none) and should provide consistent performance for at least two years.		
	<u>The Data loggers should be enclosed in a weatherproof enclosures Nema-IV (IP65/IP66) grade with amphetronics connectors made of I steel/Reinforced Polyester (FRP) composite material.</u>		
	Keeping in view the low temperature conditions in the field, there should be a provision for quick and easy replacement of the data loggers from the <u>weatherproof enclosures.</u>		
	The mounting/ dismounting of the Data loggers in the enclosure should be with the help of latches.		
	Further, it should be possible to lock/unlock these latches with gloves-in-hand.		
	User manual for the station will also be provided by the firm which will include the setup/program details, calibration constants, wiring diagram of the concerned sensors, and any other station specific details.		
	At least 4 anlogs input should have for augmenting other hydrological/meteorological sensors like velocity, discharge, temperature, rain etc.		

TERMS AND CONDITIONS FOR SUBMISSION OF QUOTATION

1) The National Centre for Antarctic and Ocean Research (NCAOR) invites sealed quotations in two-parts from the reputed firms for the “**SUPPLY, INSTALLATION & TRAINING OF WATER LEVEL RECORDER (RADAR TYPE)**” as per the specifications given in Annexure-I.

2) The technical and financial bids should be submitted in two separate sealed covers, super scribing “Part –I Technical Bid for “**SUPPLY, INSTALLATION & TRAINING OF WATER LEVEL RECORDER (RADAR TYPE)**”, Tender No., due date and “Part-II Financial bid for “**SUPPLY, INSTALLATION & TRAINING OF WATER LEVEL RECORDER (RADAR TYPE)**”, Tender No., due date. Both the bids should be kept in a single cover by super scribing tender for “**SUPPLY, INSTALLATION & TRAINING OF WATER LEVEL RECORDER (RADAR TYPE)**”, sealed and addressed to the **Director, National Centre for Antarctic & Ocean Research, Headland-Sada, Vasco-da-Gama, Goa – 403 804**. Offer sent through fax will not be accepted.

3) Overwriting and corrections should be attested properly. The bid should be complete in all respects and should be duly signed. **Incomplete and unsigned bids will not be considered at all.**

4) 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.

5) A list of **reputed clients** to whom the firm has supplied similar items to be furnished along-with the quotation.

In the TECHNICAL 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.

The Bidder should enclose copies of Purchase Orders only in the FINANCIAL BID.

6) Quotation should be **valid for a period of 90 days** from the date of tender opening 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 up to maximum of 5%.

7) 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.

8) **Technical bid should contain EMD.**

A) Foreign Bidders shall submit **EMD** along with their tender **in the form of a bank guarantee** for a sum of US\$ 300.00 (US\$ Three Hundred only) from any reputed bank (scheduled bank in India or foreign bank having operational Branch in India) initially valid for 180 days from the date of closing of the tender as per the proforma enclosed. This bank Guarantee in original shall be submitted along with the technical bid only.

B) Indian Bidders shall submit **EMD** along with their tender, **either By DD** drawn in favor of NCAOR, on any nationalized bank for a sum of ` 15,000/- (Rupees Fifteen Thousand only) payable at Vasco-da-Gama only **or in the form of a bank guarantee** for a sum of ` 15,000/- (Rupees Fifteen Thousand only) from any reputed bank (scheduled bank) initially valid for 180 days from the date of closing of the tender as per the proforma enclosed. This bank Guarantee in original shall be submitted along with the technical bid only.

Tender without EMD in the envelope containing technical bid shall be summarily rejected. The EMD of unsuccessful bidders shall be returned within 30 days of the award of contract.

The earnest money will be liable to be forfeited, if the tenderer withdraws or amends, impairs or derogates from the tender in any respect within the period of validity of his tender.

9) Please **specify the Make/Brand** and Name of the Manufacturer with address, country of origin and currency in which rates are quoted.

10) The Purchaser requires that the bidders suppliers and contractors observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy, the following are defined:

“Corrupt practice” means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution:

“fraudulent practice” means a misrepresentation or omission of facts in order to influence a procurement process or the execution of contract;

“collusive practice” means a scheme or arrangement between two or more bidders, with or without the knowledge of purchaser, designed to establish bid prices at artificial, noncompetitive levels; and

“coercive practice: means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of contract;

The purchaser will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the contract in question; The Decision of Director, NCAOR shall be final and binding.

11) Bidders that doesn't manufacture the goods it offers to supply shall submit Manufacturer's Authorization form on the letterhead of the Manufacturer duly signed and stamped by a person with the proper authority to sign documents that are binding on the Manufacturer as per the following format should be submitted failing which the quotation will not be considered.

To
The Director
NCAOR
GOA

Sub: Manufacturers' Authorization form against Tender No:_____

We _____(Name of the Manufacturer) who are official manufacturers of _____(Type of goods manufactured) having factories at _____(full address of Manufacturer's factories) do hereby authorize _____(Name of the Bidder) to submit a bid against your Tender No._____for the _____Goods manufactured by us and to subsequently negotiate and sign the contract.

We hereby extend our full guarantee and warranty with respect to the Goods offered by the above firm

Manufacturer's Name:
Signature of Authorized
representative of the Manufacturer:

Duly authorized to sign this Authorization on behalf of : _____(Name of the Bidder)

Date:

In case the bidder not doing business within India, shall furnish the certificate to the effect that the bidder is or will be represented by an agent in India equipped and able to carry out the supply, maintenance, repair obligations etc., during the warranty and post warranty period or ensure a mechanism at place for carrying out the supply, maintenance, repair obligations etc., during the warranty and post- warranty period.

12) 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.

13) **Compliance Statement:** Equipments point-by-point comparison/compliance statement with **technical specification** indicated in the tender, 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** of the tender document.

14) NCAOR is not entitled to issue form “**C/D**”. No Sales Tax or any other Tax shall be payable by us unless payment of the same is specifically mentioned by the suppliers in their bids and same is legally leviable.

15) 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.

16) **Technical Bid should contain** all details and specifications of the equipment offered, delivery schedule, warranty, payment term, installation, training, post-warranty, user-list, service support **WITHOUT PRICE** and **Financial bid should contain** details of the price(s) of the item(s) quoted in the technical bid. The Technical bid should not contain any references to the pricing.

In case the technical bid contains any direct or indirect reference to quoted price the bid is liable to be rejected.

The Prices shall be quoted in Indian Rupees for offers received for supply within India and in freely convertible foreign currency in case of offers received for supply from foreign countries.

For Goods manufactured in India:

F.O.R GOA price should be indicated. However tender should contain item-wise prices including total ex-works price, Excise Duty, VAT/Taxes, Charges for Inland Transportation, Insurance and other local services required for the delivering the goods on F.O.R GOA.

17) In case of imported stores both **FOB and CIF prices upto Indian port of entry** namely Goa and for indigenous stores on F.O.R. destination basis 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.

18) A Committee constituted by the Director, NCAOR for the purpose reserves the right to open the bids. Only technical bids will be opened on the date and time mentioned in the tender document. The financial bids of those tenderers whose technical bids are found to be meeting our specifications only will be opened in their presence at date and time to be notified later.

19) The firm to the full satisfaction of the NCAOR should carry out the **installation and commissioning** at the NCAOR premises and the time-frame for the whole process should be specified in the technical bid.

20) 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.

21) **No advance payment** will be made. Payment for indigenous stores shall be made within 30 days from the date of receipt, acceptance and satisfactory installation of equipment and incase of imported stores by **irrevocable letter of credit**. 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.

22) 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.

23) 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.

24) Two sets of operational, service/troubleshooting manuals and diagrams to be supplied with **“SUPPLY, INSTALLATION & TRAINING WATER LEVEL RECORDER (RADAR TYPE)”**.

25) **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.

26) Expenditure involved towards any extra materials required for labour involved for successful installation of the equipment, if not quoted for, would have to be borne by the tenderer.

27) **Acceptance of this tender** form and submission of the quote within the stipulated time would be treated as:

a) The tenderer has understood all requirements as described in our Tender document.

b) 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.

c) Agreeing to execute order to the satisfaction of NCAOR or its authorized representatives within the stipulated time.

28) Training /Installation charges should be clearly indicated including the scope of training.

29) Tender should clearly define the **infrastructure facilities required** for installation of the equipment.

30) NCAOR will not be liable for any obligation until such time NCAOR has communicated to the successful bidder of its decision to release the Purchase Order.

31) **NCAOR will not be responsible for any postal delays.**

32) Bidders shall note that NCAOR will not entertain any correspondence or queries on the status of the offers received against this Tender Invitation.

33) Tenders from Manufacturers/Suppliers/Tenderers whose performance was not satisfactory in respect of quality of supplies and delivery schedules in any organizations, are liable for rejection. The tenders that do not comply with the above criteria and other terms & conditions are liable for rejection.

34) The Director, NCAOR does not bind to accept the lowest quotation and reserves the right to himself, to reject or partly accept any or all the quotations received without assigning any reason.

35) All disputes arising in connection with executing the purchase order will be subject to the Jurisdiction of the Courts in Goa only.

COMMERCIAL COMPLIANCE STATEMENT FOR WATER LEVEL RECORDER (RADAR TYPE)

Sr. No.	COMMERCIAL SPECIFICATION FOR WATER LEVEL RECORDER (RADAR TYPE)	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 TECHNICAL 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 only in the FINANCIAL BID.		
4	Quotation should be valid for a period of 90 days from the date of tender opening and the period of delivery required should also be clearly indicated.		
5	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.		
6	Foreign Bidders shall submit EMD along with their tender in the form of a bank guarantee for a sum of US \$ 300.00 (US\$ Three Hundred only) from any reputed bank (scheduled bank in India or foreign bank having operational Branch in India) initially valid for 180 days from the date of closing of the tender as per the proforma enclosed. This bank Guarantee in original shall be submitted along with the technical bid only.		
7	Indian Bidders shall submit EMD along with their tender, either By DD drawn in favor of NCAOR, on any nationalized bank for a sum of ` 15,000/- (Rupees Fifteen Thousand only) payable at Vasco-da-Gama only or in the form of a bank guarantee for a sum of ` 15,000/-(Rupees Fifteen Thousand only) from any reputed bank (scheduled bank) initially valid for 180 days from the date of closing of the tender as per the proforma enclosed. This bank Guarantee in original shall be submitted along with the technical bid only.		
8	Tender without EMD in the envelope containing technical bid shall be summarily rejected. The EMD of unsuccessful bidders shall be returned within 30 days of the award of contract.		
9	Please specify the Make/Brand and Name of the Manufacturer with address, country of origin and currency in which rates are quoted.		
10	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.		
11	Compliance Statement: Equipments point-by-point comparison/compliance statement with technical specification indicated in the tender, 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 of the tender document.		
12	NCAOR is not entitled to issue form "C/D" . No Sales Tax or any other Tax shall be payable by us unless payment of the same is specifically mentioned by the suppliers in their bids and same is legally leviable.		
13	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.		
14	Technical Bid should contain all details and specifications of the equipment offered, delivery schedule, warranty, payment term, installation, training, post-warranty, user-list, service support		

	WITHOUT PRICE and Financial bid should contain details of the price(s) of the item(s) quoted in the technical bid. The Technical bid should not contain any references to the pricing.		
15	In case the technical bid contains any direct or indirect reference to quoted price the bid is liable to be rejected.		
16	The Prices shall be quoted in Indian Rupees for offers received for supply within India and in freely convertible foreign currency in case of offers received for supply from foreign countries. For Goods manufactured in India:		
17	F.O.R GOA price should be indicated. However tender should contain item-wise prices including total ex-works price, Excise Duty, VAT/Taxes, Charges for Inland Transportation, Insurance and other local services required for the delivering the goods on F.O.R GOA.		
18	In case of imported stores both FOB and CIF prices upto Indian port of entry namely Goa and for indigenous stores on F.O.R. destination basis 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.		
19	A Committee constituted by the Director, NCAOR for the purpose reserves the right to open the bids. Only technical bids will be opened on the date and time mentioned in the tender document. The financial bids of those tenderers whose technical bids are found to be meeting our specifications only will be opened in their presence at date and time to be notified later.		
20	The firm to the full satisfaction of the NCAOR should carry out the installation and commissioning at the NCAOR premises and the time-frame for the whole process should be specified in the technical bid.		
21	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.		
22	No advance payment will be made. Payment for indigenous stores shall be made within 30 days from the date of receipt, acceptance and satisfactory installation of equipment and incase of imported stores by irrevocable letter of credit .		
23	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.		
24	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.		
25	Two sets of operational, service/troubleshooting manuals and diagrams to be supplied with "SUPPLY, INSTALLATION & TRAINING OF WATER LEVEL RECORDER (RADAR TYPE)".		
26	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.		
27	Expenditure involved towards any extra materials required for		

	labour involved for successful installation of the equipment, if not quoted for, would have to be borne by the tenderer.		
28	<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. 		
29	Training /Installation charges should be clearly indicated including the scope of training.		
30	Tender should clearly define the infrastructure facilities required for installation of the equipment.		

QUESTIONNAIRE

- a. Name of the Manufacturer / Tenderer.**
- b. Full postal address with Telephone, Telefax, Email.**
- c. Please specify whether Public Limited, Company, Private Organization or Partnership Firm.**
- d. Nature of the Business.**
- e. Date of Establishment.**
- f. Present Turnover.**
- g. Permanent Income Tax Ref. No.**
- h. C.S.T. / S.T. NO.**
- i. Address & Telephone Nos. Of your branch office in GOA (please specify whether Distributing/Servicing/Marketing the products).**
- j. Technical Compliance statement.**
- k. Commercial Compliance statement.**
- l. Reference of reputed Customers.**
- m. Details of the highest order executed and value thereof.**
- n. Authorization from Manufacturer/Supplier attached.**
- o. Tender fee submitted/enclosed.**
- p. E.M.D. attached with TECHNICAL BID.**
- q. Technical Specifications/Literature/Brochure attached.**
- r. Tender Acceptance.**

TENDER ACCEPTANCE UNDERTAKING

To

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

Having examined the tender document **for “SUPPLY, INSTALLATION & TRAINING OF WATER LEVEL RECORDER (RADAR TYPE)”** 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

BANK GUARANTEE FORMAT FOR FURNISHING EMD

To

**NATIONAL CENTRE FOR ANTARCTIC & OCEAN RESEARCH
Headland Sada, Vasco-da-Gama, GOA 403 804, INDIA**

Whereas _____
(Hereinafter called the "tenderer"
has submitted their offer dated _____
for the supply of _____
(Herein after called the "tender"

WE _____ of having our registered office
At _____ are bound unto the NATIONAL
(Hereinafter called the Bank)

CENTRE FOR ANTARCTIC & OCEAN RESEARCH, Ministry of Earth Sciences, Govt. Of India having its office at Headland Sada, Vasco Goa 403 804, India (herein after called NCAOR which expression shall unless repugnant to the context or meaning thereof include all its successors, administrators, executors and assigns) in the sum of _____ for which payment will and truly to be made to. NCAOR, the Bank binds itself, its successors and assigns by these presents. Sealed with the common seal of the said Bank this _____ day of _____ 2014.

THE CONDITIONS OF THIS OBLIGATION ARE:

- 1) If the tenderer withdraws or amends, impairs or derogates from the tender in any respect within the period of validity of this tender.
- 2) If the tenderer having been notified of the acceptance of his tender by NCAOR during the period of its validity.
 - 2.a) If the tenderer fails to furnish the Performance security for the due performance of the contract.
 - 2.b) Fails or refuses to execute the contract

We undertake to pay NCAOR up to the above amount upon receipt of its first written demand, without NCAOR having to substantiate its demand, provided that in its demand the NCAOR will note that the amount claimed by it is due to it owing to the occurrence of one or both the two conditions, specifying the occurred condition or conditions.

This guarantee is valid until the _____ day of _____ 2014.

Signature of the bank

NA

NATIONAL CENTRE FOR ANTARCTIC & OCEAN RESEARCH
(Ministry of Earth Sciences, Govt. Of India)
Headland Sada, Vasco-da-Gama GOA 403 804, INDIA
Tel: 91- (0) 832 2525571 Telefax: 91- (0) 832 2525573
Email: warlu62@ncaor.gov.in Website: www.ncaor.gov.in

PUBLIC TENDER