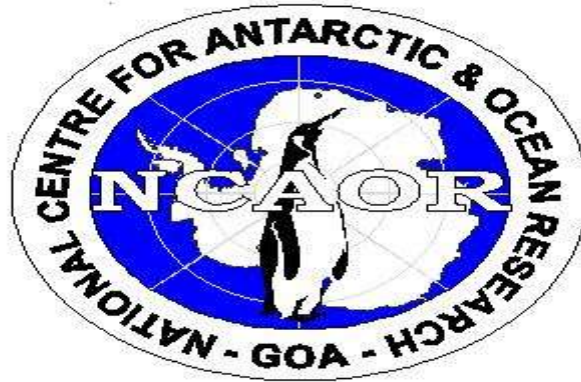


# TENDER DOCUMENT FOR



## DESIGN, FABRICATION, INSTALLATION AND COMMISSIONING OF FIELD STATION TURNKEY PROJECT

*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](mailto:warlu62@ncaor.gov.in)*

*Website: [www.ncaor.gov.in](http://www.ncaor.gov.in)*

**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-2126/PT-39**  
**TENDER FOR TURNKEY PROJECT OF DESIGN, FABRICATION, INSTALLATION AND**  
**COMMISSIONING OF FIELD STATION.**

1.	<b>TURNKEY PROJECT OF DESIGN, FABRICATION, INSTALLATION AND COMMISSIONING OF FIELD STATION</b> <b>Quantity-Specification-</b>	01 As per Annexure I
2.	General Terms and Conditions	As per Annexure II
3.	Cost of Tender Documents (In Person)	US\$ 35.00 ` 1000.00
4.	Cost of Tender Documents (By Post)	US\$ 50.00 ` 1050.00
5.	EMD	<p><b>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.</b></p> <p><b>A) Foreign Bidders</b> shall submit <b>EMD</b> along with their tender, <b>in the form of a bank guarantee only</b> for US\$ 900.00 (US Dollar Nine Hundred only)</p> <p><b>B) Indian Bidders</b> shall submit <b>EMD</b> along with their tender, either by DD drawn in favor of NCAOR, for a sum of ` 50,000.00 (Rupees Fifty Thousand only) payable at Vasco-da-Gama only.</p> <p style="text-align: center;"><b>Or</b></p> <p><b>In the form of a bank guarantee</b> for a sum of ` 50,000.00 (Rupees Fifty Thousand only)</p>
6.	Last Date and time for issue of tender documents	<b>MONDAY</b> <b>08.12.2014</b> 1600 Hrs (IST)
7.	Last Date and time for submission of sealed quotations	<b>TUESDAY</b> <b>09.12.2014</b> 1700Hrs (IST)
8.	Date and time of tender opening	<b>WEDNESDAY</b> <b>10.12.2014</b> 1000Hrs (IST)

**SPECIFICATION FOR TURNKEY PROJECT OF DESIGN, FABRICATION, INSTALLATION AND COMMISSIONING OF FIELD STATION.**Annexure I

Turnkey project of design , fabrication, supply, installation and commissioning of a field station at base of Sutri Dhaka glacier, Chandra basin, near to Batal(Lahul -Spiti Valley, H.P),Himalaya

National Center for Antarctic and Ocean Research (NCAOR), Ministry of Earth Sciences, Govt. of India propose to setup dedicated field station at Sutri Dhaka base, near to Batal(125 km from Manali by road ) ,Lahul-Spiti valley , Himachal Pradesh for undertaking its long-term project entitled "Cryosphere and Climate". The scope of work involves design, fabrication, installation and commissioning of a field station at Sutri Dhaka base, situated in the Chandra basin, Upper Himalaya at an altitude of approx. 4000m amsl. The base stations should be suitable for occupying by field personnel throughout the year on 24x7 basis.

1. Design conditions:

The site being in higher Himalaya are subjected to extreme weather conditions , the structure and fabrication should be able to sustain in following weather condition:

Temp: minimum of -25°C in winter and maximum of 30°C in summer

Snowfall: Maximum of 3m (10ft approx) accumulation during winter (from October to March) near to the base

Rainfall: maximum of 104mm annual average however 255mm monsoonal average

Wind: maximum of 41m/s

2. Location Map: Installation/Establishment site - Sutri Dhaka Base

Approaches:

Up to Bhuntar(Kullu/Manali, Himachal Pradesh) -By road/air

Manali - Batal (at Manali-Kaza route) - By road (120 km approx.)

Batal - Sutri Dhaka base (site of establishment) - By foot (6-7 km approx.)

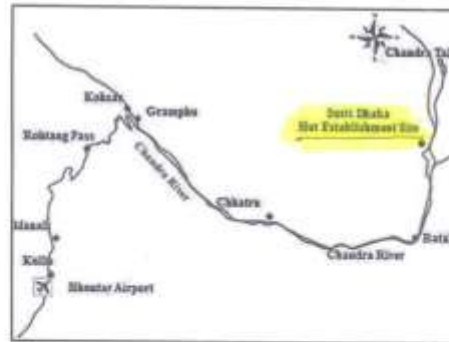


Fig1.Location map

3. Technical specifications:

Detailed planned dimensions and sketch of three units have been given below:

- A. 15x12x8 ft- 2 huts (4 bunker type bed in each hut; fig 2a and 2b) excluding of kitchen (6x12x8ft) unit and toilet+ storage (6x12x8 ft) unit. Washroom & storage should attach with one hut however kitchen should be attached with second hut.

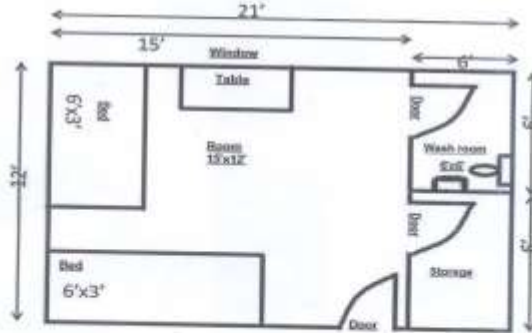


Figure 2.a Residential unit with washroom & storage

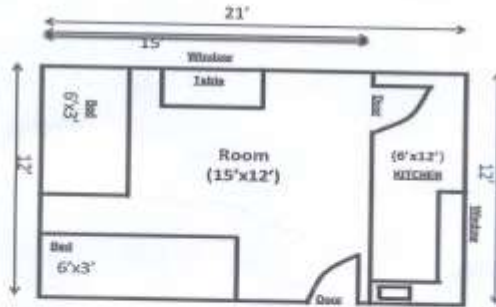


Figure 2.b Residential unit with kitchen

B. B. 20x15x8 ft- 1 hut (field laboratory fig2):

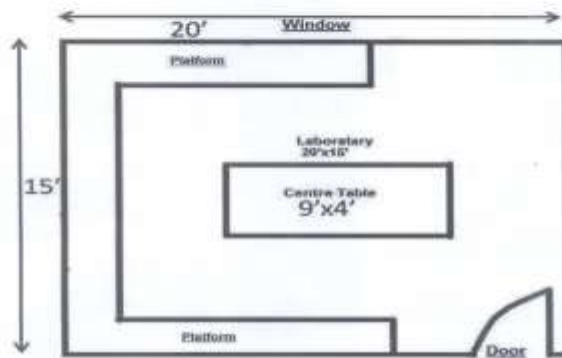
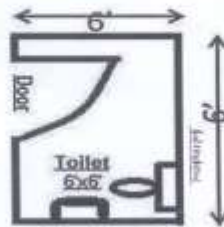


Figure 3. Laboratory units with toilets

C. 6x6x8 ft- 2 toilet units. Toilet should be away (20m approx.) from main unit.



The hut/cabin should be flexible structure and light enough to be carried by man power to remote areas in a short time, ensuring immediate re-use at a new site with minimum delay. It should be compatible to suit individual needs, personal comfort and easy to extend and updates.

**Detailed specification:**

- a. Roof/Wall/Floor: Not Less than 100 mm thick PUF Panels and the panel should join together with CAM LOCK (Roof should have 0.5 mm extra thick Hi-Rib insulated panel to hold minimum of 10ft snow load during winter)
- b. Internal/External Cladding: 0.5 mm or more PPGI Sheet
- c). Frame should be standard (minimum ISMC 75 quality or better) with 1.5 mm or more GI section
- d). PU insulated double leaf door of size 2000 X 600 mm size (W/fitments) with locking arrangement
- f). Two Insulated polycarbonate /unbreakable double Glass UPVC sliding window of size 900mmx1200mm with 8mm glass thickness in each units including washroom and kitchen however one window of size 600mmx500mm with same specification given above in each unit of toilets.
- g). Minimum of 10 mm thick Wooden Flooring on top of Floor Panel (100 mm thick floor panel).
- i). Insulation Material: minimum of 80/100 mm thick PUF.
- k). All joints should be sealed by Silicon Sealant.
- l). Windows cover with locking arrangement.

**Residential huts/cabins**

- j). Bunk Bed (2 in number) for occupancy of 4 people Size 6' X 3' in each residential units (detailed specification has been given below)
- h). Two Working table (folding table attached with wall) of Size 3' X 2.5' made of standard teak /seasam wood.
- j. Electric Fitments: LED Lights and five 5 Amp. Socket (branded) in each residential unit

**Laboratory huts/cabins**

- a. Central table for laboratory (9'x4' one table or 4.5'x 4' two tables) made of standard teak/seasam wood. Height of table should be adjustable between 2.5'-3.5'.
- b. Instrumentation platform should three sides (10'x2' one side, 15'x2'second side and 10'x2'third side as shown in figure 3). Minimum two covered drawers should be below of platform in each side
- c. Two wash basin / SS Sink size 2'x1.5' with complete connections with tap(branded)
- d. Electric Fitments: LED Lights and 5, five Amps. Socket (branded)

**Toilets**

- a. Western Toilets (Branded and standard size) -2 with all fittings(one in each toilet)
- b. Wash basin (Branded) size of 1.5'x 1' – 2 with all fittings(one in each toilet)
- c. Tap (branded ) -2 with all fittings (one in each toilet)



- d. Mirror: 2.5'x2' - 2
- e. Electric Fitments: LED Lights and 2, five Amp. Socket (branded)

**Kitchen:**

- a. Platform: L shape (fire proof material) with dimension of 6'x2' in one side and 3'x2'in adjacent side. Height should be 3'. At least three or more racks with covered should be under the platform.
- b. One SS Sink size 2'x1.5' with complete connections with tap(branded)
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**Bed specification:**

Bunk Bed Quantity	4
Dimension	6'Lx3'Wx6'H
Wood Specification	Bed frames should be made of highest grade (Sheasum/teak)
Size	6'Lx3W
Leg	2x6 legs
Rung	2X4 rungs
Safety Rails	8" thick safety rails in upper bed and go 10" and 15" above the top of the mattress
Bed Slats	Two bed slats
Capacity	500kg
Ladder	Angled end ladder
Storage	Lower bed should have storage

**TECHNICAL COMPLIANCE STATEMENT TURNKEY PROJECT OF DESIGN, FABRICATION, INSTALLATION AND COMMISSIONING OF FIELD STATION.**

SR. NO.	SPECIFICATION	COMPLIED /NOT COMPLIED	EXTRA FEATURES
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Annexure I

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 The site being in higher Himalaya are subjected to extreme weather conditions , the structure and fabrication should be able to sustain in following weather condition:  
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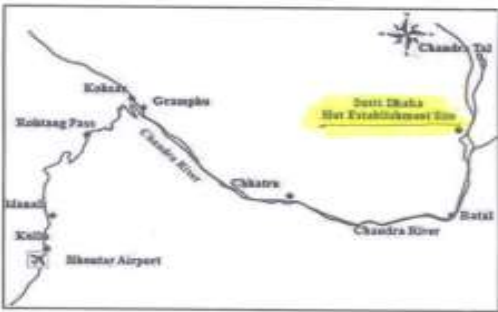


Fig1.Location map

1



3. Technical specification:

Detailed planned dimensions and sketch of three units have been given below:

- A. 15x12x8 ft- 2 huts (4 bunker type bed in each hut; fig 2a and 2b) excluding of kitchen (6x12x8ft) unit and toilet+ storage (5x12x8 ft) unit. Washroom & storage should attach with one hut however kitchen should be attached with second hut.

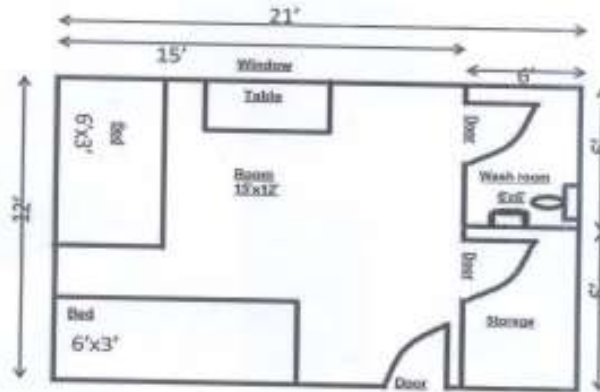


Figure 2.a Residential unit with washroom & storage

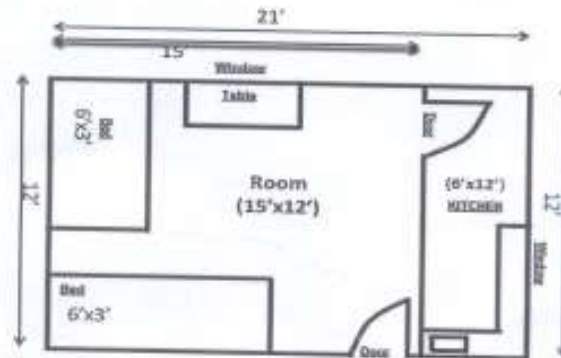


Figure 2.b Residential unit with kitchen

B. B. 20x15x8 ft- 1 hut (field laboratory fig2).

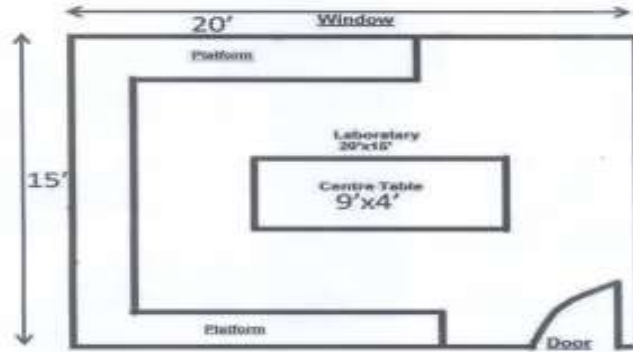
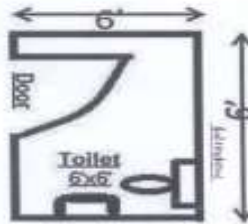


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Safety Rails	8" thick safety rails in upper bed and go 10" and 15" above the top of the mattress
Bed Slats	Two bed slats
Capacity	500kg
Ladder	Angled end ladder
Storage	Lower bed should have storage

**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 OF TURNKEY PROJECT OF DESIGN, FABRICATION, INSTALLATION AND COMMISSIONING OF FIELD STATION” 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 OF TURNKEY PROJECT OF DESIGN, FABRICATION, INSTALLATION AND COMMISSIONING OF FIELD STATION ” Tender No., due date and “Part-II Financial Bid for “SUPPLY OF TURNKEY PROJECT OF DESIGN, FABRICATION, INSTALLATION AND COMMISSIONING OF FIELD STATION” Tender No., due date. Both the bids should be kept in a single cover by super scribing tender for “SUPPLY OF TURNKEY PROJECT OF DESIGN, FABRICATION, INSTALLATION AND COMMISSIONING OF FIELD STATION” sealed and addressed to the Director, National Centre for Antarctic and 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 along with 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) If the bidder is registered under SSI, NSIC claiming any exemptions should submit valid certificates along with the quotes, failing which quotation will not be considered.

7) 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 thereof upto maximum of 5%.

8) 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.

9) **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\$ 900.00 (US Dollar Nine 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 ` 50,000/- (Rupees Fifty Thousand only) payable at Vasco-da-Gama only **or in the form of a bank guarantee** for a sum of ` 50,000/- (Rupees Fifty 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.

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

11) 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.

12) 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.

13) **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.

14) **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.

15) 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.

16) 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.

17) **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.

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** 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 shall be made 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.

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

29) 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.

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

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

32) 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.

33) 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.

34) 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 SUPPLY OF TURNKEY PROJECT OF DESIGN,  
FABRICATION, INSTALLATION AND COMMISSIONING OF FIELD STATION.**

Sr. No.	COMMERCIAL SPECIFICATION FOR SUPPLY OF TURNKEY PROJECT OF DESIGN, FABRICATION, INSTALLATION AND COMMISSIONING OF FIELD STATION.	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 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	SSI, NSIC Registration Certificate		
5	Quotation should be <b>valid for a period of 90 days</b> from the date of tender opening and the period of delivery required should also be clearly indicated.		
6	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.		
7	<b>Foreign Bidders</b> shall submit <b>EMD</b> along with their tender <b>in the form of a bank guarantee</b> for a sum of US\$ 900.00 (US Dollar Nine Hundred only) from any reputed bank (scheduled bank in India or foreign bank having operational Branch in India)		
8	<b>Indian Bidders</b> shall submit <b>EMD</b> along with their tender, <b>either By DD</b> drawn in favor of NCAOR, on any nationalized bank for a sum of ` 50,000/- (Rupees Fifty Thousand only) payable at Vasco-da-Gama only <b>or in the form of a bank guarantee</b> for a sum of ` 50,000/- (Rupees Fifty Thousand only) from any reputed bank (scheduled bank)		
9	Please <b>specify the Make/Brand</b> and Name of the Manufacturer with address, country of origin and currency in which rates are quoted.		
10	<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.		
11	<b>Compliance Statement:</b> Equipments point-by-point comparison/compliance statement with <b>technical specification</b> 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 <b>compliance statement for all commercial terms</b> of the tender document.		
12	NCAOR is not entitled to issue form <b>"C/D"</b> . 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. <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.		
14	<b>Technical 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 <b>WITHOUT PRICE</b> and <b>Financial bid should contain</b> 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	<b>In case the technical bid contains any direct or indirect reference to quoted price the bid is liable to be rejected.</b>		
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.		
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 <b>FOB and CIF prices upto Indian port of entry</b> 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 <b>installation and commissioning</b> 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	<b>No advance payment</b> 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 <b>irrevocable letter of credit</b> .		
23	The <b>performance Bank Guarantee</b> should be furnished within 15 days from the date of placement of order from a reputed bank (scheduled bank in India <b>or</b> foreign bank operating in India) valid till 60 days after the warranty period.		
24	Suppliers should clearly define the mechanisms of <b>post-warranty</b> 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.		
25	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 <b>spares will be supplied on the lowest rate quoted</b> than to any other customer with providing the sales price list to the NCAOR periodically as and when increase/decrease in prices.		
26	<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.		

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><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>		
29	Tender should clearly define the <b>infrastructure facilities required</b> 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. **SSI, NSIC Registration Certificate.**
- r. **Infrastructure facilities required for installation & commissioning attached**
- s. **Technical Specifications/Literature/Brochure attached**
- t. **Tender Acceptance**

**TENDER ACCEPTANCE UNDERTAKING**

To

The Director,  
NCAOR, Headland Sada  
Vasco - Goa

Having examined the tender document for “**DESIGN, FABRICATION, INSTALLATION AND COMMISSIONING OF FIELD STATION (Turnkey Project)**”, 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**

**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](mailto:warlu62@ncaor.gov.in) Website: [www.ncaor.gov.in](http://www.ncaor.gov.in)****PUBLIC TENDER**

Director, National Centre for Antarctic & Ocean Research (NCAOR) invites sealed tenders in two-parts (part I – Technical bid & part II Financial bid) super scribing Tender No. Item and due date from well established/ reputed manufacturers / authorized and bonafide vendors for supply of the following:-

Sl. No.	Tender No.	Item Description	Qty.	Cost of Tender Doc.		EMD	
					US\$		US\$
1	NCAOR/LAB-2126/PT-39	DESIGN, FABRICATION, SUPPLY, INSTALLATION AND COMMISSIONING OF FIELD STATION	01	1000/-	35.00	50,000/-	900.00
3	NCAOR/LAB-2157/PT-40	SUPPLY, INSTALLATION AND COMMISSIONING OF ACID DIGESTION FUME HOOD SYSTEM	01	500/-	--	15,000/-	--

Last date for issue of tender documents : 08.12.2014

Last date for submission of quotation : 09.12.2014

The details of tender documents are also available in our website <http://www.ncaor.gov.in> and Central Public Procurement Portal <http://eprocure.gov.in>. Interested suppliers may download the details and submit the quotation on or before the due date along with tender fee.

The quotation without tender fee will not be considered.

Tender forms can be obtained from the Procurement section of NCAOR on all working days either by post or in person between 1000 – 1600 hours on payment of tender fees in the form of crossed Demand Draft payable at Vasco-da-gama only, from a Nationalized bank drawn in favor of NCAOR along with separate requisition indicating tender number and item. Tender forms can be obtained by speed post by remitting ` 50/- by Indian bidders and US\$ 15.00 by Foreign bidders in addition to the cost of tender documents.

The Director, NCAOR is not responsible for any transitional/postal delays.

The quotations will be opened on 10.12.2014 in the presence of tenderers or their authorized representatives.

The Director, NCAOR reserves the right to accept or reject any quotation in full or part thereof without assigning any reason.

Sd/-  
For & on behalf of NCAOR