

National Centre for Polar & Ocean Research
Headland Sada, Vasco-da-Gama, Goa-403804

Cleaning of Water Tanks

Pl. visit our website www.ncaor.gov.in for tender for the work of Cleaning of Water Tanks.
Due date 12-01-2019

Director, NCAOR

Terms & Conditions

1. The Director, NCAOR, Goa invites sealed tenders in one cover system, for the work "Cleaning of Water Tanks" from the reputed contractors who have carried out at least three single similar works of Rs. 10,000/- each or above during last 3 years.
2. The Contract period is initially for One Year extendable on yearly basis for a period of Two more years on the same Rates, Terms and Conditions of the agreement based on the satisfactory performance assessed by the NCAOR. During the contract period, the Tank cleaning is to be done after every six months or as instructed by the Estate In-Charge. The tank cleaning work will be done two times in a year.
3. Entire tender document (signed and Stamped on all pages) should be submitted in a sealed cover, super scribed with the name of the work, date and time of opening. Tenders will be received up to 11 hrs. on **12-01-2019** and will be opened at 11.30 hrs on the same day. Tenders should be dropped in the tender box kept in the Estate section before the closing date and time indicated. If the tender opening day happens to be a holiday then tenders will be opened on the next working day on the same time.
4. The successful bidder has to submit Security Deposit Amount of Rs.2000/- (Rupees Two Thousand) in the form of a demand draft drawn in favour of Director, NCAOR, payable at Vasco-da-Gama within one week from the award of Contract. The same shall be refunded back after successful completion of work. In case of termination of contract, the security deposit shall be forfeited. *(The name of the institute National Centre for Antarctic & Ocean Research (NCAOR) has been changed to National Centre for Polar & Ocean Research (NCPOR) however, it is not yet changed in official bank accounts. Therefore, DD of EMD to be drawn in the name of **Director, NCAOR**)*
5. NCAOR does not bind to accept the lowest or any tender and reserves the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rates quoted.
6. Tender submitted shall remain valid for 90 days from the date of opening for the purpose of acceptance and award of work. The extension of validity beyond 90 days from the date of opening shall be by mutual consent.
7. The tenderer shall quote RATES both in figures and words. He shall also workout the amount for each item of work and write in figures. On checking if there are differences between the rates quoted by the tenderer in words and figures or in the amount worked out by him, the following procedure shall be followed:
 - a) When there is a difference between the rates in figures and in words, the rates, which correspond to the amounts worked out by the tenderer, shall be taken as correct.
 - b) When the amount of an item is not worked out by the tenderer or it does not correspond with the rate written either in figure or in words, the rate quoted by the tenderer in words shall be taken as correct.
 - c) When the rate quoted by the tenderer in figure and in words tallies but the amount is not worked out correctly the rate quoted by the tenderer shall be taken as correct and not the amount.
8. Before submission of tender, tenderer may inspect the site to acquaint himself about the condition in regard to accessibility of site, nature and extent of ground, working condition of site and locality including stacking of materials, installations of tools and plants (T&P) etc., conditions affecting movement of labour etc. required for the satisfactory execution of work contract. No claim whatsoever on such account shall be entertained by NCAOR under any

circumstance.

9. Tenders with conditional prices / discounts will be rejected.
10. Except writing rates and amount, the tenderer should not write any conditions or make any changes, additions, alterations and modifications in the Price Schedule of tender.
11. The job must be completed within the stipulated time period. Otherwise 2% of the total bill value will be deducted for a delay of each week, subject to a maximum of 10% of total work value. If the penalty amount exceeds 10% of the work value then contract will be terminated without any liability.
12. A tender is liable for disqualification, if bidder is found to have misled or furnished false information in the forms / statements / certificates submitted in proof of qualification requirements or record of performance such as abandoning execution of the works, litigation history and or financial failures and or suppression of material facts and information.
13. Payment : Payment to the Contractor will be released within 30 days upon submission of bill in duplicate after satisfactory completion of the entire work as per the actual quantity executed on site after deduction of statutory taxes. No part payment / advance will be made. *(As per the Govt. of India norms, payment to the Contractors are made online through Public Financial Management System (PFMS). The Contractor should submit his bank & other details in the prescribed format along with the bill)*
14. Post Tender Correspondence / Enquiries: Any correspondence or enquiry subsequent to opening of the bids is not desirable, if the same is indulged into, it will be considered for disqualifying the tender. The Tenderer will be required to abstain from pursuing / canvassing the matter, directly or indirectly with any Officers of NCAOR, as otherwise the same would also amount to disqualification of the tender. However, bidder can ask their queries in writing regarding bidding conditions, bidding process prior to the bid opening and/ or rejection of its bid, reason for rejecting a tender after opening of bids.
15. Settlement Of Disputes/Arbitration: The decision of the Director, NCAOR shall be final and binding for any dispute whatsoever. All questions, disputes or differences whatsoever which may at any time arise between the parties to this agreement touching the agreement or subject matter thereof, arising out of or in relation there to and whether as to construction or otherwise shall be referred to the decision of the Sole Arbitrator, appointed by the Director of NCAOR and the decision of the said Arbitrator shall be final and binding upon the parties.
16. Jurisdiction: All questions, disputes or differences arising under out of or in connection with the Tender / Contract if concluded shall be subject to the exclusive jurisdiction of the court under whose jurisdiction the place from which the tender / Acceptance of tender is issued, is situated i.e.Goa.

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Scope of the work

A. Process in sequence for cleaning the water storage tank.

- i Dewatering the tank with submersible pump, de-silting and removing of left over dirty water up to 100 to 150 mm in the bottom of the tank and sludge with special sludge pump.
- ii Cleaning of walls and ceiling with special mechanized high pressure jet machines by rotary jet system at 100-120 Bar pressure (120 Kg /sq cm) which dislodges the layer of dirt, algae, fungus stuck on its surface usage of scrubbing machines and cleaning chemicals.
- iii Floor of the dirty tank should be thoroughly cleaned up by fry jet cleaner to accumulate all dirt ,the remaining sludge should than be removed by sludge pumps, the dirt silt and other foreign material should further be removed by Industrial Vacuum Cleaners to make the floor totally dirt free.
- iv Application/spraying of Anti Bacterial chemicals to ensure total sterilization of tank from the inside. The tank should be treated with specially developed 4 ft" long ultraviolet Radiator to kill further floating bacteria/virus in order to make the inside area of tank totally clean, bacteria free and safe for storage of drinking water.

B. The contractor should have following equipment with him to execute the above specified job.

-) High pressure machine for cleaning of tanks.
-) Pumps for dewatering.
-) Suction (vacuum) pump for sludge removal.
-) U.V. Radiator for Disinfection.
-) Antibacterial agent hydrogen peroxide base
-) Ladders for access to the tanks at various height, additional high pressure hose for longer length for dewatering if required, storage units such as Sintex tank for storing water as required.
-) The PVC tanks installed in quarters are placed at an average height of 8m, hence ladders for safe access should be arranged.

Note: Cleaning of water tank to be done twice a year and should be executed by trained workers and technicians, properly dressed along with gum boots, safety belt to work as per the direction of Estate Engineer.

C. Location, Quantity and Capacity of Existing Water Tanks

Sr. No.	Quarter No.	Type	QTY (Nos)	Capacity (Ltrs)
1	Directors Bungalow (H-VI-1)	PVC	1	2000
2	Guest house (H-III-5)	PVC	1	1000
3	Type III Quarters	PVC	2	3000
4	Sh. Javed Beg (H-V-1)	PVC	1	2000
5	Dr. Rajani Kanta Mishra (H-V-2)	PVC	1	2000
6	Dr. D. K Pandey (H-V-3)	PVC	1	1500
7	Sh. V.S. Samy (H-V-4)	PVC	1	1500
8	(H- IV- I)	PVC	1	1000
9	Hostel	PVC	3	1000
10	Substation	PVC	1	5000
11	Underground tank –Near Security Cabin	RCC	1	100000
12	Underground tank(Auditorium)	RCC	1	100000
13	Overhead tank - Near Security Cabin	RCC	1	100000
14	Fellows Laboratory	PVC	4	2000
15	Auditorium Building (Washrooms)	PVC	3	2000
16	Auditorium building (Directors Cabin)	PVC	1	1000
Total :			24	

PARTICULARS OF THE TENDERER

Name of the Contractor : _____

Name of the Firm : _____

Telephone No. (Office) : _____

Telephone No. (Residence) : _____

E-mail ID / website : _____

Permanent office Address : _____

: _____

: _____

Residential Address : _____

: _____

Mobile No : _____

*GST Registration No.(If any) : _____

*(*pl. enclose true copy of registration certificates)*

Name, Signature of the Tenderer with seal:

**National Centre for Antarctic & Ocean Research
Headland Sada, Vasco-da-Gama, Goa 403 804**

WORK COMPLETION PROFORMA

Give details of the similar works at least three single similar works of Rs. 10,000/- each or above during last 3 years in the following format, Enclose self certified copies of Work Orders /Work Completion Certificates.

Sr. No.	Name of work	Name of the Client and Location of site	Value of work	Date of completion of work	Name of the Contact Person and contact numbers

Signature of the Tenderer with seal

Date & place:

SCHEDULE OF RATES (PRICE BID)

) **Pl. write your One Time Cleaning Rates.**

(Only RATE in words and figures. Amount in figures)

Sr.	Description	Unit	Qty	Rate (Rs)	Amount (Rs)
1	Cleaning of main RCC underground tank of capacity 100000 Its including dewatering, desludging, cleaning with high pressure pumps, vacuum cleaning and antibacterial treatment for eradication of micro-organism including mobilization of material and labour etc complete.	No	2		
	Only RATE in words				
2	Cleaning of main RCC overhead tank of capacity 100000 Its. including dewatering desludging, cleaning with high pressure pumps, vacuum cleaning and antibacterial treatment for eradication of micro-organism including mobilization of material and labour etc complete	No	1		
	Only RATE in words				
3	Cleaning of PVC water tank of capacity 2000 to 5000 Its including dewatering, desludging, cleaning with high pressure pumps, vacuum cleaning and antibacterial treatment for eradication of micro-organism including mobilization of material and labour etc complete	No	13		
	Only RATE in words				
4	Cleaning of PVC water tank of capacity 500 to 2000 Its. including dewatering, desludging, cleaning with high pressure pumps, vacuum cleaning and antibacterial treatment for eradication of micro-organism including mobilization of material and labour etc complete	No	8		
	Only RATE in words				
A	Sub total				
B	GST @ %				
C	GRAND TOTAL				

(C) Grand Total: Rs. _____

Grand Total in words:Rs._____

Pl. note,

1. Discount offered if any, should be included in the quoted rates & should not be shown separately.
2. Bidders should quote all items given in the price bid. If all items are not quoted then the bid will be considered as incomplete bid and will be rejected outright.
3. Price Evaluation Criteria - The Lowest Evaluated Bidder (L1) would be arrived from the Grand Total (C) above.

DECLARATION

- 1) We have read and understood the terms & conditions of the above mentioned tender and comply to all Terms & Conditions of your Tender. (In case of any deviation the Bidder must attach a separate sheet clearly mentioning the clause no. of the Tender and Deviation thereto)
- 2) The undersigned is an authorized signatory and authorized to submit this bid and also certifies that the information mentioned above is true and correct.
- 3) If the work is awarded, I/we assure that the entire work will be completed satisfactorily within the stipulated time.
- 4) I/We agree to accept payment through Public Financial Management System (**PFMS**).

Name:

Signature of Authorised Signatory :

Date:

Place:

Seal: