



राष्ट्रीय फैशन प्रौद्योगिकी संस्थान, बेंगलुरु

5156/Bldg./PW/2011/V-II (Part-I)/2024

03/07/2024

Notice Inviting Quotation

Sealed Quotations are invited from KPWD/CPWD/Reputed Contractors (or) Contractors/Service provider with Experienced in the same nature of work for **AMC of Water Tank Cleaning (Overhead, Underground and PVC water Tanks)** at National institute of Fashion Technology, C.A. Site No. 21, 16th Cross, 27th Main Road, Sector-1, HSR Layout Bengaluru-560 102 as per schedule of items attached herewith.

The prospective Company/ contractors are advised to satisfy themselves about the work, site condition, existing system by visiting the NIFT Campus, C.A. Site No. 21, 16th Cross, 27th Main Road, Sector-1, HSR Layout, Bengaluru 560 102 on any working day between 10.00 a.m. and 5.00 p.m. before submitting their quotation (no extra shall be payable for visiting the NIFT campus In this regard).

The sealed quotation duly super scribed as of **“AMC of Water Tank Cleaning (Overhead, Underground and PVC water Tanks)”** shall be addressed to

**The Purchase Officer,
National Institute of Fashion Technology,
C.A. Site No. 21, 16th Cross,
27th Main Road, Sector-1, HSR Layout,
Bengaluru - 560 102.**

Duly filled sealed quotation (rates shall be quoted in the same attachment of Schedule of item/work) can be submitted in person on or before the due date and time specified in the Quotation. Such sealed quotation may be dropped in the **TENDER BOX** kept at the **National Institute of Fashion Technology (NIFT)**, No.21, 16th Cross, 27th Main Road, Sector-1, HSR Layout, Bengaluru, Karnataka-560102.

The sealed Quotation so as to reach on or before **2:30 PM, 11/07/2024**

The Director, NIFT Bengaluru reserves the right to accept or any part thereof or rejects all quotation, In the interest of the NIFT so require, without assigning any reasons whatsoever and to waive any Minor discrepancy in the quotation received. If any contractor stipulates any condition, such Conditional quotation is liable to be rejected.

Copy of experience certificate Work order of same nature of work if any, Pan Card with self-attestation shall be submitted along with the quotation.

**National Institute of Fashion Technology,
Bengaluru.**

Purpose

The purpose of this procedure is to guide towards providing a safe execution during tank cleaning works at all NIFT Bengaluru Campus.

General Procedures

This procedure applies to NIFT, Bengaluru personnel, Subcontractors and their employees. It shall apply to activities at the NIFT Campus.

The general procedure for Cleaning a Customer Water Storage Tank will vary depending on whether it is deemed to be accessible and safe. The following are standard basic procedures that should be followed for Customer Water Storage Tanks that are accessible and safe for Cleaning and Disinfection. A Customer Water Storage Tank that is assessed as not accessible and safe should not be cleaned or disinfected until the Responsible Person has implemented the recommended provisions and safety control measures and confirmed that it is safe to continue.

Requirements for Culpable Person-HSE

The Culpable Person shall keep Water Storage Tanks (WTS) in a tidy, clean and safe condition and shall make sure that water stored within such Tanks is hygienic.

The accountable Person (Service Providers) shall ensure a safe working environment in and around Customer Water Storage Tanks.

The Culpable Person shall remove or control any environment, health, safety & Environmental (HSE) hazards on their Premises to ensure safe access or Inspection, Sampling, Cleaning and Disinfection of Customer Water Storage Tanks by Responsible Companies.

The accountable Person (Service Providers) shall ensure any HSE risk control measures identified by a Responsible Organization are put in place on time to enable the Inspection, Sampling, Cleaning or Disinfection of a Water Storage Tank.

Working in Confined Space

Before entry, the permit should be processed by a "qualified & competent person" and signed by the entrant (work performer) and supervisor/project manager. If an emergency exists, a "qualified/competent personal" can sign the permit. The completed permit shall be made available to all entrants; occupants and attendants by posting near the entrance of the confined space. The supervisor or "qualified person" has the authority to terminate the permit if conditions affecting the entry exceed the scope of the permit. Observe activities internal and external to the confined space to regulate if it is safe for entrants to remain in the space and order the authorized entrants to evacuate the confined space as soon as possible under any of the below-mentioned conditions:

- If the attendant reveals a restricted condition.
- If the custodian observes the behavioural effects of hazard exposure in an authorized entrant.
- If the attendant observes a situation external to the space that could imperil the authorized entrants;
- Cannot effectively and safely perform all the required duties.
- Carry out the following strict actions when unauthorized personals approach or enter a permit space while entry is on-going
- Summon the unapproved personals that they must stay away from the confined space permit;
- Instruct the unofficial personals that they must exit immediately if they have entered the permit space;
- Inform the unofficial entrants and the entry Forman if unauthorized persons have entered the confined space;
- Perform non-entry rescue only and does not attempt to rescue entrants by entering the confined space.
- Execute no duties that might interfere with the attendant's initial duty to monitor, observe and protect the authorized entrants.

Tank Cleaning Procedure

Pre-Checks

- Select the workers and screen for competency and Physical fitness to perform the activity.
- Ensure HSE induction, First Aid, working in Confined space training is provided before engaging them to work.
- Ensure all workers at the site wear safety shoe, helmet, full-body harness and gloves during tank cleaning works.
- Ensure Fully Equipped First Aid Box should be made available at each location.
- Ensure Emergency contact details are listed.
- Ensure the Confine Space permit is implemented before starting tank cleaning works.
- Ensure all tools and equipment for the cleaning work is well maintained. Do not use units/parts that are in poor condition.
- Ensure & inspect the tank before entering for its safety. Follow Confined space permit Ensure weather condition is normal before starting to climb. Do not Work under abnormal weather conditions i.e., storm, wet conditions or high winds etc.

Cleaning Procedures

Accessible for Cleaning & Disinfection

- Empty the Tank.
- Scrub or pressure hose the Tank interior walls to remove all dirt (using approved Cleaning Chemical).
- Rinse the Tank and drain the wastewater through the drain.
- Apply Disinfectant to all internal Tank surfaces.
- Allow Disinfectant to set for a minimum of 30 minutes or in line with the supplier's recommendations.

Cleaning Time schedule

- Cleaning of all drinking water tanks quarterly basis (04 times annually) mentioned in annexure (Part-B)
- Cleaning of Usable water tanks 02 times in a year (half yearly basis) during 1st week of July and last week of December mentioned in annexure (Part-A).
- The above mentioned date can be modified as per the instructions of E/I.
- The service provider will be bound to clean all water tanks as per the schedule given by E/I.

Water Tank Storage Cleaning and Disinfection Guidelines

1. Secure access and required authorizations to enter the building and conduct the Tank Cleaning.
2. Notify to NIFT of the proposed Tank Cleaning date and time at least 48 hours before Cleaning.
3. Shut off inlet valve at least 24 hours before Cleaning to allow maximum water to be used (to ensure less wastage of water).
4. Prepare all necessary Tank Cleaning equipment, Cleaning Chemicals and concentrations, and personal protective equipment (PPE) off-site and before Cleaning.
5. Arrive on-site and notify building residents and tenants through notices of the Cleaning and expected duration and precautions they should take.
6. Place safety barriers around Cleaning equipment and working area, if required.
7. If the Tank inlet valve has not already been turned off previously to allow the Tank to empty, then turn off the water inlet.
8. Lock-out/tag-out all Tank inlets and outlets and make sure signs are placed notifying that they should not be opened.
9. Proper 'lock-out tag-out procedure and signage
10. Open the Tank cover and allow the Tank to vent for 20 minutes.
11. Determine safe oxygen and gas levels using a gas detector. If safe, insert air exchange/ exhaust fan hose.
12. Measuring safe gas levels before opening water Tank cover.

5156/Bldg./PW/2011/V-II (Part-I)/22023

13. Drain the water remaining in the Tank using either the outlet valve (if available) or sump pumps (if the outlet valve is not available) to below 100 mm.
14. Different draining arrangements
15. Set up equipment, including any fall protection and confined spaces equipment and PPE.
16. Proper confined space and fall protection procedure and equipment
17. Scrub or pressure hose and clean dirt and grime from Tank surfaces, including Tank cover and entry points.
18. Use approved Cleaning Chemicals.
19. Cleaning Non-Man-Entry Tanks with brush.
20. Cleaning Man-Entry Tanks with pressure jet wash
21. Rinse the Tank and drain the Wastewater.
22. Rinsing Man-Entry Tank interior after cleaning Spray disinfectant on all Tank surfaces, including Tank cover and entry point ensuring maximum coverage.
23. Spraying disinfectant on Man-Entry Tank internal surfaces.
24. Spraying disinfectant on Non-Man-Entry Tank internal surfaces
25. Allow the disinfectant to remain for a minimum of 30 minutes.
26. Rinse the disinfectant and empty the Tank.
27. Fill the Tank with potable water.
28. Take a water sample and send it for analysis.
29. Sampling following Cleaning and Disinfection
30. If water samples are compliant, retain records on file for five years.
31. If water tests are not compliant, repeat Cleaning and Disinfection within 48 hours and notify tenants that the water is 'not safe for drinking and the next intended date and time for Cleaning.

Scope of work

- Cleaning of all drinking water tanks quarterly basis (04 times annually) mentioned in annexure (Part-B)
- Cleaning of Usable water tanks 02 times in a year (half yearly basis) during 1st week of July and last week of December mentioned in annexure (Part-A).
- The above mentioned date can be modified as per the instructions of E/I.
- The service provider will be bound to clean all water tanks as per the schedule given by E/I.
- Payment will be made as per actual work done & Site measurement.
- Work should be completed within 02-03 days as direction of E/I.
- Before and after cleaning Periodic testing report of water for portability should be submitted along with invoice.

Terms and Conditions

1. Above rate is including all charges, GST etc., and no additional payment will be made.
2. Payment will be made after satisfactory completion of work and submission of invoice along with duly certified by the NIFT official.
3. Cleaning of Usable water tanks 02 times in a year (half yearly basis) during 1st week of July and last week of December mentioned in annexure (Part-A).
4. Cleaning of all drinking water tanks quarterly basis (04 times annually) mentioned in annexure (Part-B)
5. The above mentioned date can be modified as per the instructions of E/I.
6. The service provider will be bound to clean all water tanks as per the schedule given by E/I.
7. TDS will be deducted as per Govt. norms.
8. Work should be completed within 02-03 days as direction of E/I.
9. NIFT Bengaluru has reserved the right to decrease, increase or drop any item and quantity without assigning any reason.
10. Safety measures should be strictly followed during Tank cleaning.
11. 01 supervisor must be available from the service provider/contractor side during cleaning.
12. Each tanks before and after cleaning photograph should be kept for bill certification purpose.
13. Service provider/ Contractor must have work compensation insurance of engaged workers.
14. In Case of any accident (or) damages due to negligence or unsafe work that require immediate medical attention, the contractor/service provider is wholly responsible. NIFT will not Responsible for the same.
15. All Necessary equipments/Safety equipments/machine and tools (ELCB/RCCB & sufficient length of cable, hose pipe& switch board) provided by contractor required for Carry out the work.
16. Before and after cleaning Periodic testing report of water for portability should be submitted along with invoice.
17. All workers at the site wear safety shoe, helmet, full-body harness and gloves during tank cleaning works. Fully Equipped First Aid Box should be made available at each location.
18. Water tank cleaning should be carry out in 6 stage mechanized viz. dewatering, sludge removal, high pressure cleaning (Using a mixture of 1 part bleach to 4 parts hot water wash the sides of the tank with the mop (or pressure washer) in order to remove the slime and dirt build up on the sides and corners of the tank., vacuum cleaning, and UV radiation process.
19. NIFT shall not be responsible for death/Injury or accident or unsafe work that requires immediate medical attention, the contractor is wholly responsible.
20. Work should be carried through Authorized and experienced person in the same nature of work.
21. Cleaning chemical sample should be approved by E/I before start the work.
22. Any dispute arise, decision of the Director, NIFT Bengaluru is final authority for settlement of dispute.
23. In the event of any dispute the legal matter shall be subjected to the jurisdiction of Bengaluru Court only.
24. Performance Security deposit 5% of the contract value. Refund of Security Deposit will be after completion of the contract period and defect liability period of 60 days beyond the contract period and on submission of request along with surrendering of original receipt issued by NIFT.
25. Any damage due to negligence made to the asset of NIFT has to be replaced with new or cost of the asset has to pay.
26. Any damage caused to NIFT property/asset due to negligence shall be replaced with new or the cost of the asset shall be paid by the Service Provider.
27. The AMC contract may be extended for further next 02 years based on satisfactory service performance and mutually agreed for a maximum period up to 03 years.

Place

Date

Seal & signature of the Company/firm

National Institute of Fashion Technology, Bengaluru.

Name of work: - AMC of Water Tank Cleaning (Overhead, Underground and PVC water Tanks)

(Part –A) Usable water tank

Sl.No	Description	Capacity	Unit	Qty.	Rate per Unit In (Rs.)	Amount in (Rs.) Half yearly	Amount in (Rs.) Annually Basis
1.	RCC Under Ground water Tank	300	KL	01			
2.	RCC Elevated Overhead water Tank (20Mtrs.Staging)	200	KL	01			
	Sub-total in Rs. (including all Necessary equipments/Safety equipments/machine and tools, Transportation, labour, Materials charges etc.)						
	Total G.S.T in..... %						
	Grand total Amount In Rs.						
	Half Yearly Amount In words:-						
	Annually Amount In words:-						

(Part –B) Drinking water Tanks.

Sl.No	Description	Capacity	Unit	Qty.	Rate per Unit In (Rs.)	Amount in (Rs.) quarterly Basis	Amount in (Rs.) Annually Basis
1.	RCC Under Ground water Tank	35	KL	01			
2.	RCC Overhead water Tank	25	KL	01			
3.	RCC Overhead water Tank	10	KL	01			
4.	PVC Overhead Water Tanks	1	KL	07			
5.	PVC Overhead Water Tanks	2	KL	02			
6.	PVC Overhead Water Tanks	3	KL	04			
7.	PVC Overhead Water Tanks	5	KL	01			
	Sub-total in Rs. (including all Necessary equipments/Safety equipments/machine and tools, Transportation, labour, Materials charges etc.)						
	Total G.S.T in..... %						
	Grand total Amount In Rs.						
	Quarterly Amount In words:-						
	Annually Amount In words:-						

Date

Seal & signature of the Company/firm

Place

NATIONAL INSTITUTE OF FASHION TECHNOLOGY, BENGALURU.

GENERAL INFORMATION

(To be filled by the Contractor)

1. Name of the Firm/ company
2. Complete Office Address:
3. Name& contact telephone/mobile number:-
4. Email address:-
5. Copy of experience certificate/work order issued by any government organization/PSU/any organization for the Same Nature of work;
(Please enclosed the copy)
6. Copy of PAN Card. (Please enclose the copy):
7. Copy of GST Registration. (Please enclose the copy):

Date

Seal & signature of the Company/firm

Place