



CHENNAI PORT TRUST

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*Budgetary offer for carrying out Scientific Method of
Cleaning, in various fresh water High Level
Reservoir (HLR) and Low Level Reservoir (LLR)
through Annual Maintenance Contract*

DUE ON : 22.03.2017

*BUDGETARY OFFER FOR CARRYING OUT SCIENTIFIC METHOD OF
CLEANING, IN VARIOUS FRESH WATER HIGH LEVEL RESERVOIR (HLR)
AND LOW LEVEL RESERVOIR (LLR), THROUGH ANNUAL
MAINTENANCE CONTRACT.*

*TECHNICAL SPECIFICATION
SCHEDULE-"A"*

GENERAL

Chennai Port Trust has proposed to carryout scientific method of cleaning the freshwater. High Level Reservoir (HLR) & Low Level Reservoir (LLR) through annual maintenance contract at various location i.e. Marshalling Yard Timber pond, I section, H.Ware House, Mechanized OH Plant and M2 Pump room etc.,

SCOPE OF WORK AND DETAILED SPECIFICATION:-

The work includes the following Scientific method while cleaning the Fresh Water LLR & HLR at various Locations.

1. De watering by using submersible pump to dispose the minimum Level of dirty water from the Tank.
2. Cleaning of man hole, bottom, ceiling and side walls of water tank by using high pressure water jet to dislodge calcinations dirt, sludge etc. for real cleaning.
3. To dispose the above stored dirty water by using specially designed storage removal pump to clean the tank.
4. Cleaning inside the tank by using industrial grade vacuum pump for making the tank inside totally free from dirt, sludge algae etc.,
5. Spraying inside the tank all nooks and corners with Anti-bacterial agent for disinfection of the tank inside.

6. Total disinfection and sterilization of the tank inside should be done by using UV radiation to keep the tank hygienic, bacteria free and safe for water storage.

LOCATION OF EXISTING FRESH WATER LLR & HLR TO BE COVERED UNDER AMC.

- | | |
|--------------------------|-------------|
| 1. Marshaling Yard | - LLR & HLR |
| 2. Timber Pond | - LLR & HLR |
| 3. I Section | - LLR & HLR |
| 4. "H" Ware House | - LLR & HLR |
| 5. M2 Pump room | - LLR & HLR |
| 6. Mechanized O.H. Plant | - LLR & HLR |

OTHER CONDITIONS:-

1. The contractor is requested to inspect the site conditions before submitting their budgetary offer.
2. The firm should have experience in such type of works.
3. The period of contract will be 12 months.
4. The firm have to make their own arrangements for necessary tools and materials required for the work.
5. The contractor will be responsible for the safety of their men and materials, etc., however, if required a place for storing material will be provided by the Trust at the cost of the Contractor's risk.
6. The contractor is required to offer rates as per the Trust format "Schedule "A-1" without fail and mention taxes and duties.
7. The firm has to make their own arrangements for Transportation.
8. All materials required for cleaning should be borne by the contractor.

9. The cleaning of fresh water HLR's & LLR's should be done once in four months i.e. 3 cycles per tank per year.
10. Insurance should be taken for all the employees engaged in the contract by the contractor.
11. The contractor shall carryout the cleaning works without causing any inconvenience to the normal functioning of the offices and the occupants of the area.
12. The payment will be made once in four months after satisfactory completed portion of works and as per Trust's payment terms & conditions.
13. The rate quoted by the firm shall be till the completion period of the AMC i.e one year.
14. The total period for the works will be one year. The works shall be started within a weeks time from the date of acceptance of the Trust's order or handing over the site.
15. The number of tanks indicated in the Schedule are only approximate and it can be increased/decreased at the discretion of Chief Mechanical Engineer.
16. The Power and water supply for the above work if required will be given by the Trust free of cost.
17. The EPF and ESIC registration to the workers should have been borne by the contractor. Documentary proof towards the same shall be furnished.

Chief Mechanical Engineer,
Chennai Port Trust.

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SCHEDULE-"A-1"

S.No	Description	Unit	Qty in Ltrs	Rate/Liters	Rate/ Cycle	Amount for		3
						Cycles	P.	
						Rs.		
1.	Marshalling Yard Low Level Reservoir South	Lts	450000					
2.	Marshalling Yard Low Level Reservoir North	Lts	450000					
3.	Marshalling Yard High Level Reservoir	Lts	112500					
4.	Timber Pond Low Level Reservoir West	Lts	740000					
5.	Timber Pond Low Level Reservoir East	Lts	740000					
6.	Timber Pond High Level New Reservoir	Lts	337500					
7.	M2 High level Reservoir	Lts	60000					
8.	M2 Low level Reservoir	Lts	135000					
9.	I section Low Level Reservoir North	Lts	337500					
10.	I section Low Level Reservoir South	Lts	337500					
11.	I section High Level Reservoir	Lts	100000					
12.	"H" Ware house High Level Reservoir	Lts	450000					
13.	"H" Ware house Low Level Reservoir	Lts	225000					

14.	Mechanized Ore Handling Plant Low Level Reservoir East	Lts	450000			
15.	Mechanized Ore Handling Plant Low Level Reservoir West	Lts	450000			
16.	Mechanized Ore Handling Plant High Level Reservoir.	Lts	237500			
17.	Total					
18.	Service Tax					
19.	Grand Total					

CONTRACTOR SIGN
WITH SEAL