

**RESERVE BANK OF INDIA  
ESTATE DEPARTMENT  
KANPUR**

**PART II  
SCHEDULE OF QUANTITIES**

Construction of Underground Water Tank and pump room for Fire Fighting, RBI Kanpur.

Sl. No.	Description of work	Qty	Rate	Unit	Amount
1.	<p>Constructing, installing, commissioning and testing underground water tank of about 1.00 lac liter capacity with 150mm free board and approximate (internal) size 8.00m x 4.50m and 3.00m depth in two equal compartments and with attached pump room of app. (internal) size 4.50m x 4.00m and 5.50m high consisting and including the following and conforming to the sketches enclosed.</p> <p>a) <b>Floor</b>-RCC M20 of thickness 250mm over 150mm thick lean concrete of mix 1:4:8 (1 cement: 4 coarse sand: 8 stone aggregate 40mm and down gauge) over rubber soling average 200 mm thick including packing, compacting, and consolidating etc. complete.</p> <p>b) <b>Walls</b>- 250 mm thick RCC (M20) of mix 1:1.5:3(1cement: 1.5 coarse sand: 3 stone aggregate 20 mm and down gauge) with water stoppers at mid height.</p> <p>c) <b>Cover slab</b>- 250mm thick RCC M 20 with necessary beams etc. as per design for UG tank and part of pump room. 75mm thick RCC M20 slab for roof of pump room mumty.</p> <p>d) Cement based water proofing to the base slab and walls which is below ground level with water proofing plaster and cladding of rough kota stones as per specialized water proofing agencies specification. The inside wall of underground tank and pump house shall be finished in cement mortar of mix 1:3 (1 cement : 3 sand ) with water proofing plaster 19mm thick and outside exposed shall be finished in 20mm thick sand faced plaster in cement mortar 1:3(1 cement : 3 sand ) in two layers.</p> <p>e) Necessary manhole with cover, freeboard, interconnection in the</p>	1 job		L.S.	

	<p>compartments, MS ladders, inlet and outlet connections with necessary puddle flanges, overflow pipe with mosquito proof coupling etc. complete.</p> <p>f) Earth work in all types of soil, rocks including refilling, consolidating, and disposal of surplus earth outside the Bank's premises by all means.</p> <p>g) Supplying, providing, laying, bending and binding m.s. reinforcement, TOR steel reinforcement of approved brand including 18-gauge binding wire etc. complete.</p> <p>h) RCC M20 concrete slab at ground level in the pump room as landing to approach to the pump room with M.S. railing and 750mm wide MS stair from landing to pump room floor with guardrails on the sides, ventilators at top level ( minimum two nos 105mm x 450mm with glass louvers) etc.</p> <p>i) Steel door of approx. size 1.2m x 2m for the pump room with necessary locking arrangements.</p>				
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**Special Conditions: --**

1. The total lump sum amount quoted by the tenderer should include for all necessary shuttering, centering, curing, pumping out water for the RCC work and for the complete finishes to be given to the underground sump and the pump house (even though specifically not mentioned in the tender) in order to put the same into use immediately after taking from the contractor.
2. The rate quoted should include all types of taxes, octroi and charges/formalities for any liaison work required for getting the approval for the above construction work from the Municipal Authorities. however, the municipal fees/charges for getting the approval will be reimbursed by the Bank on furnishing the acknowledgement/ receipt from the municipal authorities.

Date:-  
Place:-

Signature of contractor  
Address