

Sr. No.	Description	Unit	Rate (in Rs.) 2007-2008	Rate (in Rs.) 2008-2009
1	2	3	4	5
1.	<p>XVIII. R.C.C; G.S.Rs AND SUMPS</p> <p>Designing (aesthetically), and constructing RCC ground service reservoirs / RCC sumps in M-250 mix. of required capacity including excavation in all types of strata, foundation concrete, container walls, bottom slab top RCC roof slab / or dome, 20 mm thick cement plaster with water proofing compound in CM 1:3 proportion. to inside face of the container,including epoxy paint from inside including refilling and disposing of surplus stuff within lead of 50 M, all labour and material charges, for laying and jointing of pipe assembly for inlet, outlet washout, over flow and bye-pass arrangement consisting of C.I./ M.S. D/F. pipes, specials and valves of given diameters, providing and fixing accessories such as M.S. ladder inside and outside, C.I. Manhole frame and cover, water top slab, B.B. masonry chamber for all valves, ventilating shafts, including giving satisfactory hydraulic test and water tightness test as per IS code and providing three coat of cement paints to all expose surface of structure including roof surface etc. complete as per design data, criteria, obligatory requirements and detailed specifications. Anti termitite treatment shall be given for under ground portion of the structure.</p> <p>Note :</p> <ol style="list-style-type: none"> 1. The designing shall be in accordance with various relevant I.S. specification (I.S. 456/2000, I.S. 875 - 1987, I.S.3370-1965 or revised.) 2. Only M.S. bars grade I confirming to I.S. 432 part-I or high yield strength deformed bars confirming to I.S. 1786 or I.S.1139 shall be used grade II M.S. bars shall not be used. 3. Entire structure shall be in M - 250 only. 4. The scope of pipe assembly work shall be upto 5 metre beyond outside face of the wall, cost of pipes valves and specials is not included in the rate but labour cost for laying and jointing is included. 5. The G.S.R. / Sump above 15 lakh litres capacity shall be in two compartment. 6. The job includes designing the structure for uplift pressure and dewatering if required using entire execution and disposal of surplus excavated stuff with in lead of 50 metres as directed by Engineer-in-charge. If up lifts considered in design then these rate shall be increased by 7.5%. 			

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7.	G.S.R. outlets shall be with bell mouth of approved pattern in bottom slab and cost of designing bell mouth is included in the rate. Sump well includes cost of suction pit required at bottom.			
8.	For pipe diameters upto 300 mm only CI pipes and CI specials shall be used. For pipe diameters above 300mm, M.S. pipes and specials minimum 10 mm thick shall be used with proper anticorrosive epoxy treatment from inside and outside.			
9.	Cost of pump house is not included in these rates.			
10.	Above rates are applicable for seismic zones-2,3 and 4.			
11.	75% part rate shall be payable for reinforcement, concrete and plastering items of all types of G.S.R.s. and sumps till satisfactory hydraulic testing for water tightness test is given and till that work shall be treated as incomplete.			
<p>Note : Condition from Sr. No. 1 to 11 shall form a part and parcel of tender and must be included in the Draft tender papers for work of R.C.C. GSRs and sump.</p> <p>Rates for R.C.C.G.S.Rs or Sumps</p>				
Sr. No.	Capacity in litres	Unit	Rates in Rs.	
1.	Upto 25,000 litres	Per Lit.	5.09	
2.	Cost of 25,000 litres capacity	----	1,27,463.00	
3.	Add for capacity above 25,000 upto 50,000 litres	Per Lit	3.40	
4.	Cost of 50,000 litres capacity	----	2,12,438.00	
5.	Add for capacity above 50,000 upto 75,000 litres	Per Lit.	2.43	
6.	Cost of 75,000 litres capacity	-----	2,73,336.00	
7.	Add for capacity above 75,000 upto 1,00,000 litres	Per Lit.	2.38	

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8.	Cost of 1,00,000 litres capacity	----	3,29,987.00	
9.	Add for capacity above 1,00,000 upto 1,50,000 litres	Per Lit.	2.15	
10.	Cost of 1,50,000 litres capacity	----	4,37,622.00	
11.	Add for capacity above 1,50,000 upto 2,00,000 litres	Per Lit.	1.98	
12.	Cost of 2,00,000 litres capacity	----	5,36,759.00	
13.	Add for capacity above 2,00,000 upto 3,00,000 litres	Per Lit.	1.80	
14.	Cost of 3,00,000 litres capacity	-----	7,18,039.00	
15.	Add for capacity above 3,00,000 upto 5,00,000 litres	Per Lit.	1.41	
16.	Cost of 5,00,000 litres capacity	----	10,01,289.00	
17.	Add for capacity above 5,00,000 upto 10,00,000 litres	Per Lit.	1.01	
18.	Cost of 10,00,000 litres capacity	----	15,11,139.00	
19.	Add for capacity above 10,00,000 upto 15,00,000 litres	Per Lit.	0.85	
20.	Cost of 15,00,000 litres capacity	-----	19,36,014.00	
21.	Add for capacity above 15,00,000 litres	Per Lit.	0.73	