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	CPWD/ 5.33.1	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work,using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. and curing complete 5.33.1 All works upto plinth level									
SEDIMENTATION TANK	CPWD/ 5.33.1	Providing and laying in position machine batched and machine mixed design mix M-25/ 1:2:4 grade cement concrete for reinforced cement concrete work in raft of sedimentation tank with slope @ 1%.	1	6	5.16	0.15	4.64	Cum			
		Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work in raft foundation of Phytorid tank with bed slope @ !%.	1	15.5	5.16	0.15	12.00	Cum			
							16.64	cum			
		RCC in suspended beams & floors/slabs									
SEDIMENTATION	5.33.1	Providing and laying in position machine batched and machinemixed design mix M-25 grade cement concrete for reinforced cement concrete work in roof slab of sedimentation tank	1	5.345	4.46	0.15	3.58	Cum			
		Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work in beam to supprot brick baffle walls of sedimentation tank	2	4.46	0.23	0.23	0.47				

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11			Providing Steel Reinforcement for RCC work including straightening, cutting, bending, placing in position and binding all complete Cold twisted bars/ Hot rolled deformed bars Cold twisted bars/ Hot rolled deformed bars									
	SEDIMENTATION TANK	CPWD/ 5.22.3	R/F required 10 mm and 12 mm dia. for baffle Walls(BAFFLE WALL) (any thickness) including attach pilasters, buttheresses, plinth and string courses etc.	2				75.00	Kg			
	PHYTORID			6				150.00	kg			
	SEDIMENTATION TANK		R/F required 10 mm and 12 mm for suspended floors, roofs, landings, balconies and access platform	1				240.00	Kg			
			TOTAL STEEL REQUIRED INCLUDING 2% WASTAGE					465.00	Kg			
12		CPWD/ 11.6	Cement plaster skirting/ superstructure (upto floor V height) with Cement 1 : 3 (1 Cement s 3 Coarse sand) finished with the floating coat of neat cement with 18 mm thick									
	SEDIMENTATION TANK	a)	Main Walls (RETAINING WALL) (any thickness) including attach pilasters, buttheresses, plinth and string courses etc. in inner side and at both side of baffle wall	2	5.46	2.7		29.48	Sqm			
				2	4.46	2.7		24.08	sqm			
	PHYTORID		Main Walls (RETAINING WALL) (any thickness) including attach pilasters, buttheresses, plinth and string courses etc. in inner side and at both side of baffle wall	2	15.23	2.1		63.97	Sqm			
				1	4.46	2.1		9.37	sqm			
	SEDIMENTATION TANK	b)	Baffle Walls(any thickness) including attach pilasters, buttheresses, plinth and string courses etc.	6	4.2	2.1		52.92	Sqm			
	PHYTORID			13	3.5	2.1		95.55	sqm			
				TOTAL PLASTERING REQUIRED					275.37	sqm		

		INTERLOCKING PAVER BLOCK								
13	CPWD/ 16.68	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade (heavy duty) made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over 1mtr width near the phytorid treatment plant of including 50 mm thick compacted bed of PCC, coarse sand, filling the joints with sand etc. all complete, sand and paver block for this work.	1	45	1		45.00	sqm		
		Sanitary Work/ Installations								
14	CPWD/ 2.43.2	Providing and fixing unplasticised PVC pipe clips of approved design to unplasticised - PVC rain water pipe by means of 50 x 50 x 50 mm hard wood plugs, screwed with MS screws of required length including cutting brick work and fixing in cement mortar 1:4 (1 cements 4 coarse sand) and making good the wall etc. complete.								
		a) 100 mm dia	3	50			150.00	m		
		b) 25 mm dia	3	15			45.00	m		
15	Market rate	a) Clamp required for fixing 100 mm pipe	1	101			101.00	Nos.		
		b) Clamp required for fixing 25 mm pipe	3	16			48.00	Nos.		
		Miscellaneous Works:								
16		RCC Cover - Pre-Cast RCC covers of 600 x 600 mm with MS angle frame, 70 mm thick over sedimentation tank.	2				2.00	Nos.		
17	Market rate	100 MM dia. Ductile Iron Ventilation pipe, 3 m long beside 600 mm manhole cover	2	3			6.00	m		
18	Market rate	Providing & Fixing 200 Mm Wide C.I. Rungs with Chequered/Ribbed Non Slip Surfaces I/C Fixing In Walls under M/Hole with 200 X 100 X100 mm Cement Conc.1:3:6 (1cement:3 Sand:6 Stone Aggregate 40mm Nominal Size) Blocks In All Lead & Lifts	20				20.00	Nos.		

19		Market rate	Finishing exposed/outer walls above ground level with water proofing cement paint of approved brand & manufacture & of required shade on undecorated wall surfaces (two coats) to give an even shade after thoroughly brushing the surface to remove all dirt & remains of loose powdered materials.	1	55		1	55.00	sqm		
20			Removable Cover								
		Market rate	Removable MS square bars Cover over screen chamber	1				1.00	Nos.		

GRAND TOTAL