

## Annexure-II

		Bill of Quantity	Annexure-II (A)			
Construction of RCC tanks for STP ( Civil Work)						
S.No	DSR-2013	Particulars	Unit	Qty	Rates	Amount
1	2.7	Earth work in excavation by mechanical means ( Hydraulic excavator)/ manual means over areas ( exceeding 30 cm in depth 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth , lead upto 50m and luift upto 1.5 m, disosed earth to be levelled and neatly dressed				
	2.7.1	All kinds of Soil	cum	140		
2	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level	cum	155		
3	4.1.8	1:4:8 ( 1 cement: 3 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)				
	5.2	Reinforced cement concrete work in walls ( any thickness) , including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars , piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement.				
	5.2.1	1:1:2 ( 1 cement :1 coarse sand : 2 graded stone aggregate 20 mm nominal size)	cum	325		
4	11.5	62mm thick cement concrete flooring with concrete hardener topping under layer 50 mm thick cement concrete 1:2:4 ( 1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and top layer 12 mm thick cement hardener consisting of mix 1:2 ( 1 cement hardener mix : 2 graded stone aggregate , 6 mm nominal size) by volume , hardening compound mixed @ 2 litre per 50 kg of cement or as per manufacture's specifications. This includes cost of cement slurry, but excluding the cost of nosing of steps etc . complete	sqm	560		
5	5.3	Reinforced cement concrete work in beams , suspended floors, roofs, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level, excluding the cost of centering , shuttering, finishing and reinforcement, with 1:2:4 ( 1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	cum	55		
6	5.9	Centering and Shuttering including strutting, propping etc. and removal of form for				

	5.9.2	Walls ( any thickness) including attached pilasters, buttersesses, plinth and string courses etc	sqm	2430		
	5.9.3	Suspended floors, roofs, landings , balconies and access platform	sqm	460		
7	13.8	15 mm cement plaster on rough side of single or half brick wall finished with a floating coat of neat cement of mix				
	13.8.1	1:3 ( 1 cement: 3 fine sand)	sqm	1270		
8	13.5	15 mm cement plaster on rough side of single or half brick wall of mix				
	13.5.1	1:4 (1 cement : 4 coarse sand)	sqm	1293		
9	13.52	Finishing with Epoxy paint ( two or more coats ) at all locations prepared and applied as per manufacture's specifications including appropriate priming coat, preparation of surface , etc complete				
	13.52.2	on concrete work	sqm	1293		
10	5.22A	Steel reinforcement for RCC work including straightening, cutting , bending , placing in position and binding all complete above plinth level				
	5.22A-6	Thermo-Mechanically Treated bars	Kilogram	52000		
11	6.4	Brick work with common burnt clay F.P.S ( non modular) bricks of class designation 7.5 in superstructure above plinth level uup to floor V level in all shapes and sizes in				
	6.4.2	cement mortar 1:6 ( 1 cement: 6 coarse sand)	cum	50		
12	21.7	providing and fixing aluminium work for doors, windows, ventilators, and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make required dia and size, including necessary filling up the gaps at junstions, i.e at top , bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium snap beading for glazing / Peneling C.P.brass/ stainless steel screws, all completes as per achitectural drawing and the the direction of Engineers -in-charge. (Glazing, panelling and dash fasteners to be paid for seperately)				
	21.1.1	For fixed portion				
	21.1.1.2	Powder coated aluminium (Minimum thickness of powder coating 50 micron	Kg	100		
	21.1.2	For shutters of doors, windows & ventilators inlcuding providing and fixing hinges/ pivots and making provision for fixing of fitting wherever required including the cost of EPDM rubber/ neoprene gasket required ( Fitting shall be paid for seperately)	kg	100		

	21.7.2	Powder coated aluminium sheet 2.5 mm thick ( minimum thickness of powder coating 50 micron)	kg	200		
13	10.25	Steel work welded in built up sections / framed work, including cutting. Hoisting , fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required				
	10.25.2	In grating , frames, guard bar, ladder, railings , brackets, gates and similar works	kg	500		
		Total				