

BILLS OF QUANTITIES (BOQ)
CONSTRUCTION OF REAR SIDE BOUNDARY WALL AT SRCC

	DSR NO.	DESCRIPTION OF ITEM/DSR SUB. NO.	QTY.	RATE	PER	AMOUNT
		<u>EARTH WORK :</u>				
	2.6	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed.				
	2.6.1	All kinds of soil	100		Cum.	
	2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	80		Cum.	
		<u>PLAIN CEMENT CONCRETE WORK :</u>				
	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centring & shuttering all work upto plinth lvl.				
	4.1.8	1:4:8 (1 cement: 4 coarse sand: 8 graded stone aggregate 40mm nominal size).	17.25		Cum.	
		<u>REINFORCED CEMENT CONCRETE WORK :</u>				
	5.2	Reinforced cement concrete work in wall (any thickness) including attached pilasters,buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor fivelevel excluding cost of centering, shuttering, finishing and reinforcement:				
	5.2.2	1:1.5:3 (1 cement :1.5 coarse sand : 3 graded stone aggregate 20 mm. nominal size).	85		Cum.	
	5.9	Centring and shuttering including strutting , propping etc. and removal of form work for :				
	5.9.1	Foundations, footings, bases of columns, etc. for mass concrete	115		Sqm.	
	5.9.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers	425		Sqm.	
	5.9.6	Columns, Pillars, Piers, Abutments, Posts and Struts	120		Sqm.	
	5.22	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.				
	5.22.6	Thermo-Mechanically Treated bars.	9350		Kg.	

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		<u>BRICK WORK</u>				
	6.4	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :				
	6.4.1	Cement mortar 1:4 (1 cement : 4 coarse sand)	12		Cum.	
	6.13	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level.				
	6.13.1	Cement mortar 1:3 (1 cement :3 coarse sand)	350		Sqm.	
	6.15	Extra for providing and placing in position 2 Nos. 6mm dia. M.S. bars at every third course of half brick masonry.	350		Sqm.	
		<u>FINISHING & CLADDING WORK :</u>				
	13.1	12 mm cement plaster of mix :				
	13.1.2	1:6 (1 cement: 6 fine sand)	600		Sqm.	
	13.2	15 mm cement plaster on the rough side of single or half brick wall of mix :				
	13.2.2	1:6 (1 cement: 6 fine sand)	600		Sqm.	
	13.44	Finishing walls with water proofing cement paint of required shade :				
	13.44.1	New work (Two or more coats applied @ 3.84 kg/10 sqm).	1200		Cum.	
	13.65	Painting with black anti-corrosive bitumastic paint of approved brand and manufacture to give an even shade:				
	13.65.1	Two or more coats on new work.	55		Sqm.	

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		MISCELLANEOUS WORK :				
	16.11	Dry stone pitching 22.5 cm thick including supply of stones and preparing surface complete.	400		Sqm.	
	16.18	Fencing with angle iron post placed at required distance embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be strutted on both sides and end post on one side only and provided with horizontal lines and two diagonals interwoven with horizontal wires, of barbed wire weighing 9.38 kg per 100 m (minimum), between the two posts fitted and fixed with G.I. staples, turn buckles etc. complete. (Cost of posts, struts, earth work and concrete work to be paid for separately) :- Payment to be made per metre cost of total length of barbed wire used.				
	16.18.1	With G.I. barbed wire	1020		Meter	
	16.19	Supplying at site Angle iron post & strut of required size including bottom to be split and bent at right angle in opposite direction for 10 cm length and drilling holes upto 10 mm dia. etc. complete.	650		Kg.	
		TOTAL				