

## Chapter 5

### CONCRETE WORK

**(A) Cost at Situ-**

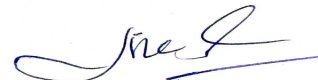
S.No.	Sch. PWD	Item No. NBO	Description of item	P.W.D. Spec. No.	Unit	Labour Rate	Over All Rate
1	273		Providing and laying in Cement concrete 1:6:12 (1Cement:6 find sand :12 graded brickaggregate 40mm nominal size) and curing complete,including cost fo formwork in foundation and floors.	5.1.1	Cu.M	445.00	3123.00
2	274		Providing and laying in Cement concrete 1:5:10(1cemeent:5find sand :10 graded brick aggregate 40mmnominal size) and curingcomplete,including cost of formwork in foundation and floors.		Cu.M	445.00	3271.00
3	275		Same as item 273 above but in 1:4:8	5.1.3		445.00	3326.00
4	279 (a)		Providing and laying in Cement concrete 4:2:1 of not less than strength of M150stone ballast(40 mm nominal size) 2 approved coarsesand :1 Cement and curing complete,including cost of form work in foundation and floors	5.4.1	Cu.M	480.00	5385.00
	279 (b)		Same as item 4 but in cement concrete 4:2:1 of not less than strength of 150 (20 mm nominal size grit) Ratio 2 approved coarse sand ratio 1 Cement.	5.4.1	cum	480.00	5785.00
5	280		Same as item 4 above but in 6:3:1		Cu.M	480.00	4821.00
6(i)	281		Same as item 4 aboce but in 8:4:1	5.4.3	Cu.M	480.00	3806.00
6(ii)	282		Cost cement concrete door sills chaukhets boundry posts shalves and similer work with cement approved coarse sand and 2 cm (3/4") gauge approved stone ballast in the proportion of 1:2:4 excluding supply of reinforcement and its binding but including its fixing and binding the sane with 24 B.W. G.G.I. binding wire and including the cost of binding wire, moulds and all other materials labour and T&P etc. required for proper completion of the work		Cu.M	480.00	6240.00
7	283		R.C.C. work with cement approved coarse sand and 2cm (3/4") gauge approved srone ballast in the proportion 1:2:4 (1Cement: 6 aggregate) in lintels of doors and windows excluding supply of reinforcement and its bending but including its fixing and binding the same necessary with 24BWG binding wire and including necessary centering and shuttering etc. and also including supply of materials labour and tools and plants etc. required for proper completion of the work, strength of the concrete shall not be less than M-150	5.5.1	Cu.M	735.00	7212.00
8	284(a)		As in item 7 above but for slabs.	5.6.2	Cu.M	890.00	7405.00
9	284(b)		As in item 7 above but 1:1.5:3 for slabs.			890.00	8310.00
10	285(a)		As in item No. 7 above but the lighter beams i.e. having spans above 6 meters(20") .	5.6.3	Cu.M	890.00	7405.00
	285(b)		Same as above item but in 1:1.5:3 mix	5.6.3	Cu.M	890.00	8310.00
11	286(a)		As in item 7 above but in heavier beams i.e. having spans above 6 Metres(20").	5.6.4	Cu.M	890.00	7196.00
	286(b)		Same as above item but in 1:1.5:3 mix	5.6.4	Cu.M	890.00	8520.00
12	287		As in item 7 above but in R.C.C. raft foundation and footing with 4cm gauge approved stone ballast.	5.6.5	Cu.M	500.00	5604.00
13	288		As in item 7 above but in R.C.C. T- beam roof slab & R.C.C. Colomns etc.	5.6.6	Cu.M	750.00	7580.00
14	289		As in item No. 7 but R.C.C. 1: 1 <sup>1/2</sup> :3 in column.	5.6.7	Cu.M	750.00	8200.00

S.No.	Sch. PWD	Item No. NBO	Description of item	P.W.D. Spec. No.	Unit	Labour Rate	Over All Rate
15			R.C.C. work in in Thin shelves as above in item 7 (about 2.5 cm. thick) including bending binding and fixing of reinforcement in position casting, cutting of wall fixing of shelves in position as per design making good the wall and repairing the edge for the shelves to the satisfaction of the Engineer-in-charge, including cost of materials, centering and shuttering etc. but all excluding cost of reinforcement.		Sq.M	150.00	310.00
			<b>Note</b> :- An increase of 5% per floor will be allowed in labour rate component only except on item 15. Labour rates are including all T & P except scaffolding, shuttering material and machine.				
<b>(B) Precast Concrete-</b>							
1		5.6.1	Providing and fixing upto floor two level precast units of reinforced cement concrete 1:2:4 mix (1 Cement:2 coarse sand: 4 graded stone aggregate 20mm normal size) of strength not less than M-150 in little including finishing and Plaster 1:3 (1 Cement :3 Fine sand) of thickness not exceeding 6 mm on exposed surface to give a smooth and even surface form work and Curing Complete, excluding cost of reinforcement but including its bending, its binding and fixing in position.		Cu.M.	735.00	6000.00
2		5.6.2	Providing and fixing upto floor two level precast cement concrete Jali 1:2:4 mix (1 Cement:2 Coarse sand :4 graded stone aggregate 6mm nominal size) of strength not less than M150 reinforced with 16 mm dia., mild steel wire including roughening, cleaning, fixing and finishing in cement mortar 1:3 (1 Cement :3 fine sand) and curing complete ,excluding plastering of the jambs, sills and soffits.				
			(a) 50mm thick		Sq.M.		435.00
			(b) 40mm thick		Sq.M.		385.00
			© 25 mm thick		Sq.M.		337.00

**Note-**

1. An increase of 5% per floor will be allowed in labour rate Component only or 1% per floor for over all

2. Hkou dk; Zgrqftu enka dh njab l 'km; w vkQ jv4 ea mi yC/k ugha g\$ mu enka grqmPp Lrjh; rdudh l febr dh cBd ea fy, x; s fu.kz i=kad 5@chOMhOMhO&1% u0, p0%@40, e0Vh0@14] fnukkd 06-02-2014 ds vud kj l hoihOMCyOMhO ds LdYVu ij fo'ys'kr njka@fnYyh 'km; w vkQ jv4 dh njka dks fu; ekuq kj Indexed dj viuk; k tk l drk gA



( GYAN PRAKASH PANDEY )  
SUPERINTENDING ENGINEER  
AZAMGARH CIRCLE, P.W.D.,  
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