

MULTILEVEL CAR PARKING BOUNDARY

Abstract of Cost

16

S. No	BCD SOR Item No.	Description of Item	Unit	No	Len(M)	width(M)	Height(M)	Qt'y	Rate	Amount in Rs.
1	15.2	Demolishing cement concrete including disposal of material within 50 metre lead: 1:3:6 or richer mix	Cum		6.75	0.25	0.15	2.53	807.2	2042.21
2	15.3	Demolishing R.C.C. work including stacking of steel bars and disposal of unserviceable material within 50 metres lead:	Cum	20	2.13	0.25	0.25	2.67	1172.7	3131.20
3		Demolishing R.C.C. work including stacking of steel bars and disposal of	Cum		20.00	0.30	0.20	1.20	1172.7	1407.24
4	15.8	Removing mortar form bricks and cleaning bricks including stacking within a lead of 50m (stacks of cleaned bricks shall be measured):	Cum		35.00	0.25	2.13	18.63	2246.7	41856.20
5	15.18	From brick work in cement mortar Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting hvets, welding etc. including dismem bering and stacking within 50 metres lead.	Kg		25 kg/meter * 6.75 50 kg * 3 gate			1687.5	1.9	3206.25
6	15.25	Dismantling stone slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	Sqm		17.5	0.7 1.50		12.25	88.7	1086.57
7	15.26	Demolishing brick tile covering in terracing including stacking of serviceable material and disposal of unserviceable material within 50 metres lead. Boring, Providing and installing cast in situ single under reamed piles of specified diameter and length below pile cap in M-25 cement concrete, to carry a safe working load not less than specified, excluding the cost of steel reinforcement but including the cost of boring with bentonite solution and the length of the pile to be embedded in pile cap etc. all complete. (Length of pile for payment	Sqm		37	0.7 1.50		25.9	36.6	947.54
8		shall be measured upto to the bottom of pile cap): 300 mm dia pipes	Metre	27	2.1			56.7	2264.10	128374.47
9	rcd 3.13	Excavation for Structures (Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom, backfilling the excavation earth to the extent required and utilising the remaining earth locally for road work.) 1 Ordinary soil A Manual Means (Depth upto 3 m) Brick work with fly ash bricks as per IS 12894(2002) & IS 3495 in foundations and plinth in : Cement mortar 1:6 (1 cement: 6 coarse sand) Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete. Providing and laying in position cement concrete of specified grade 1:1.5:3(1 Cement :1.5 coarse sand:3 graded stone aggregate 20 mm nominal size)	Cum		70	0.35	0.9	22.05	250	5512.50
10	BCD 6.1 C		Cum		17.5	0.25	2.134	11.34	4895.7	202388.23
11	4.1		Cum		7.2	0.3	0.075	1.62	238.6	386.53
12	4.1.2		Cum		67.5	0.25	0.15	2.53	4681.3	11843.69

102182.43

Ans

6.3C	Extra tor: Brick work in superstructure above plinth level upto floor V cum providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing and reinforcement - All work upto plinth level	Cum	17.5	0.25	2.134	41.34	702.2	29028.94
BCD 5.1	5.1.2 1:1.5:3(1 cement: 1.5 coarse sand: 3 graded stone aggregate 20 mm nominal size)	cum	26.5	0.25	0.25	2.14	4902.3	15393.22
14	BCD 5.22 Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.	Cum	77.5	0.3	0.3	6.97	4902.3	34169.00
	A Mild steel 8.0 mm dia	KG						
	B Mild steel 10.0 mm dia	KG	41.3				75.3	31098.90
	C Mild steel 12.0/12.7 mm dia	KG	30.5				76.1	23210.50
15	BCD 13.12 15 mm cement plaster on rough side of single or half brick wall of mix. 1:4(1 cement: 4 coarse sand)	KG	23.8				76.1	18111.80
		Sqm	305.3				161.9	49428.00
16			2	1.83		283.65		
			1	0.25		19.37		
			5	0.25		2.28		
17	BCD 13.45 Finishing walls with textured exterior paint of required shade : 13.45.1 New work (Two or more coats applied @ 3.28 ltr/ 10 sqm) over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm form for.	Sqm	305.3				143.6	43841.00
	BCD 5.9 Centring and shuttering including strutting, propping etc. and removal of form for.							
	5.9.5 form for.							
	5.9.5 Lintels, beams, plinth bams, grids, bressumers and contilevers.	Sqm	2	0.15		23.25	335.3	7795.72
18	5.9.6 Columns, Pillars, Piers, Abutments, Posts and Struts	Sqm	2	0.3		46.5	335.3	15591.45
	Fixing standard steel glazed doors, windows and ventilators in walls with 15x3 mm lugs 10 cm long embedded in cement concrete blocks 15x10x10 cm of 1:3:6(1 cement: 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) or with wooden plugs and screws or rawl plugs and screws or with fixing clips or with bolts and nuts as required, including fixing of glass panes with glazing clips and special metal-sash putty of approved make, or metal beading with screws/only steel windows with lugs. glass panes screws, shall be supplied by department free of	Sqm	2426.5	0.3		2882	425.8	12186.39
19	10.11	kg						
	Fixing with carbon steel galvanised dash fastener of required dia and size (to be paid for separately).	kg	1687.5				38.9	65643.75
20	10.11.1							
	Structural steel work riveted or bolted in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved atee primer all complete.	kg	150				19.8	
21	10.3							
		kg					70.6	1059.0

Carriage of materials

- (a) Cement - 290.072 B₃/m² = 2425.00
- (b) local sand - 8.36 m³ @ 227.169 B₃/m³ = 368.00
- (c) Stone sand - 1.62 m³ @ 780.972 B₃/m³ = 1265.15
- (d) S.C - 56.94 m³ @ 1490.02 B₃/m³ = 84946.80
- (e) Bricks - 10.57 m³ @ 649.23 B₃/m³ = 6861.17

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Total = 8,96,540.00