

Item	Description	Unit	No.	L	W	H	Add	Deduct	Total
Excavation	Footings F1	m ³	4	1.30	1.20	1.10	6.864		
	Footings F2		4	1.60	1.50	1.10	10.560		
	Ties axes 1 and 4		2	3.50	0.60	1.10	4.620		
	Ties axis 2 and 3		2	3.20	0.60	1.10	4.224		
	Ties axes A and B between axes 1&2 and 3&4		4	2.65	0.60	1.10	6.996		
	Ties axes A and B between axes 2 & 3		2	2.40	0.60	1.10	3.168		
	Tie between axes A and B & between axes 1 & 2		1	3.40	0.60	1.10	2.244		
									38.676
Plain Concrete	Footings F1	m ³	4	1.30	1.20	0.15	0.936		
	Footings F2		4	1.60	1.50	0.15	1.440		
	Ties axes 1 and 4		2	3.50	0.60	0.15	0.630		
	Ties axis 2 and 3		2	3.20	0.60	0.15	0.576		
	Ties axes A and B between axes 1&2 and 3&4		4	2.65	0.60	0.15	0.954		
	Ties axes A and B between axes 2 & 3		2	2.40	0.60	0.15	0.432		
	Tie between axes A and B & between axes 1 & 2		1	3.40	0.60	0.15	0.306		
									5.274
R.C. Foundations	Footings F1	m ³	4	1.00	0.90	0.40	1.440		
	Footings F2		4	1.30	1.20	0.40	2.496		
	Ties axes 1 and 4		2	3.80	0.30	0.40	0.912		
	Ties axis 2 and 3		2	3.50	0.30	0.40	0.840		
	Ties axes A and B between axes 1&2 and 3&4		4	2.95	0.30	0.40	1.416		
	Ties axes A and B between axes 2 & 3		2	2.70	0.30	0.40	0.648		
	Tie between axes A and B & between axes 1 & 2		1	3.70	0.30	0.40	0.444		
									8.196

Item	Description	Unit	No.	L	W	H	Add	Deduct	Total
R.C. Skeleton	Slab	m ³	1	12.20	5.70	0.10	6.954		
	Beams axes 1, 2, 3 and 4		4	4.40	0.25	0.50	2.200		
	Beams axes A and B between axes 1&2 and 3&4		4	3.70	0.25	0.50	1.850		
	Beams axes A and B between axes 2 & 3		2	3.60	0.25	0.50	0.900		
	Columns		8	0.40	0.30	4.05	3.888		
									11.904
Masonry 20 cm	Walls on axes 1 and 4	m ³	2	4.40	0.20	3.55	6.248		
	Walls axes A and B between axes 1&2 and 3&4		4	3.70	0.20	3.55	10.508		
	Walls axes A and B between axes 2 & 3		2	3.60	0.20	3.55	5.112		
	Windows W1		5	1.50	0.20	1.00		1.500	
	Windows W2		1	1.50	0.20	0.50		0.150	
	Doors D1		1	1.00	0.20	2.30		0.460	
	Doors D2		1	3.00	0.20	2.60		1.560	
									18.198
Masonry 10 cm	Walls on axis 2	m ²	1	4.40		3.55	15.620		
	Wall between axes A and B & between axes 1 & 2		1	3.80		4.05	15.390		
	Beam on axis 1 projection		1	0.05		0.50		0.025	
	Doors D1		2	1.00		2.30		4.600	
	Parapet on axes 1 & 4		2	5.60		0.50	5.600		
	Parapet on axis A and outside axis B		2	12.10		0.50	12.100		
									44.085

Item	Description	Unit	No.	L	W	H	Add	Deduct	Total	
Back fill	Excavation	m ³					38.676			
	Plain Concrete							5.274		
	R.C. Foundations								8.196	
	Columns		8	0.40	0.30	0.55			0.528	
	Walls on axes 1 and 4		2	4.40	0.20	0.55			0.968	
	Wall on axis 2		1	4.40	0.10	0.55			0.242	
	Walls axes A and B between axes 1&2 and 3&4		4	3.70	0.20	0.55			1.628	
	Walls axes A and B between axes 2 & 3		2	3.60	0.20	0.55			0.792	
	Wall between axes A and B & between axes 1 & 2		1	3.80	0.10	0.55			0.209	
									21.873	

Item	Description	Unit	No.	L	W	H	Add	Deduct	Total
Foundation insulation	Footing F1 top & Bottom	m ²	8	1.00	0.90		7.200		
	Footing F1 long side		8	1.00		0.40	3.200		
	Footing F1 short side		8	0.90		0.40	2.880		
	Footing F2 top & Bottom		8	1.30	1.20		12.480		
	Footing F2 long side		8	1.30		0.40	4.160		
	Footing F2 short side		8	1.20		0.40	3.840		
	Ties axes 1 and 4 Sides		4	3.80		0.40	6.080		
	Ties axes 1 and 4 Top & Bottom		4	3.80	0.30		4.560		
	Ties axis 2 and 3 Sides		4	3.50		0.40	5.600		
	Ties axis 2 and 3 Top & Bottom		4	3.50	0.30		4.200		
	Ties axes A and B between axes 1&2, 3&4 Sides		8	2.95		0.40	9.440		
	Ties axes A and B between axes 1&2, 3&4 Top & Bottom		8	2.95	0.30		7.080		
	Ties axes A and B between axes 2 & 3 Sides		4	2.70		0.40	4.320		
	Ties axes A and B between axes 2 & 3 Top & Bottom		4	2.70	0.30		3.240		
	Tie between axes A & B and axes 1 & 2 Sides		2	3.70		0.40	2.960		
	Tie between axes A & B and 1 & 2 Top & Bottom		2	3.70	0.30		2.220		
	Columns long sides		16	0.40		0.85	5.440		
	Columns short sides		16	0.30		0.85	4.080		
	Tie-footing & tie-tie intersection		22	0.30		0.40		2.640	
Columns footing intersection	8	0.40	0.30			0.960			
									89.38

Item	Description	Unit	No.	L	W	H	Add	Deduct	Total	
Foundation insulation (continued)	Walls axes A and B between axes 1&2 and 3&4	m ²	8	3.70		0.85	25.160			
	Walls axes A and B between axes 2 & 3		4	3.60		0.85	12.240			
	Walls on axes 1,2 & 4		6	4.40		0.85	22.440			
	Wall between axes A & B and axes 1 & 2		2	3.80		0.85	6.460			
	Walls on axes 1 & 4 bottom		2	4.40	0.20				1.760	
	Wall on axis 2 Bottom		1	4.40	0.10				0.440	
	Walls axes A and B between axes 1&2, 3&4 bottom		4	3.70	0.20				2.960	
	Walls axes A and B between axes 2 & 3 bottom		2	3.60	0.20				1.440	
	Wall between axes A & B and axes 1 & 2 bottom		1	3.80	0.10				0.380	
	20 cm wall side intersection		16	0.20		0.85			2.720	
	10 cm wall side intersection		4	0.10		0.85			0.340	
									145.640	
Ceramic Flooring	Bathroom	m ²	1	3.80	1.15		4.370			
	Column corner		1	0.20	0.10			0.020		
									4.350	
Concrete flooring	Office & Storage	m ²	1	3.80	3.55		13.490			
	Workshop		1	7.90	4.80		37.920			
	Column deduction axes 1 and 4		3	0.20	0.01			0.006		
	Column deduction axis 2		2	0.20	0.20			0.080		
	Column deduction axis 3		2	0.30	0.20			0.120		
									51.2	

Item	Description	Unit	No.	L	W	H	Add	Deduct	Total
Internal Plastering	Ceiling bathroom	m ²	1	3.75	1.10		4.125		
	Ceiling of storage room		1	3.75	3.50		13.125		
	Ceiling between axes A, B and 3, 4		1	4.70	3.75		17.625		
	Ceiling between axes A, B, 2 & 4		1	3.70	4.70		17.390		
	Column corner deduction		8	0.15	0.05			0.060	
	Beam sides on Axes 1,2,3,4		6	4.70		0.50	14.100		
	Beam sides between axes 1,2 & 3,4		6	3.75		0.50	11.250		
	Beam sides on Axes A and B between 2 & 3		2	3.70		0.50	3.700		
	Intersection of bathroom wall and beam sides		2	0.10		0.50		0.100	
	Beam bottom on A & B between 1 & 2 and 3 & 4		4	3.70	0.05		0.740		
	Beam bottom on A & B between 2 & 3		2	3.60	0.05		0.360		
	Beam bottom on axis 1 bathroom		1	0.95	0.05		0.048		
	Beam bottom on axis 1 storage room		1	3.35	0.05		0.168		
	Beam bottom axis 2		1	4.40	0.15		0.660		
	Beam bottom axis 3		1	4.40	0.25		1.100		
	Beam bottom on axis 4		1	4.40	0.05		0.220		
	Workshop walls on axes 2 & 4		2	4.80		2.70	25.920		
	Walls on axes A & B between 2 & 4		2	7.90		2.70	42.660		
	Storage room walls on axes 1 & 2		2	3.55		2.70	19.170		
	Storage room walls on axes between A&B and B		2	3.80		2.70	20.520		
	Column sides axis 4		4	0.20		2.70	2.160		
	Windows W1		5	1.50		1.00		7.500	
	Doors D1		4	1.00		2.20		8.800	
Doors D2	1	3.00		2.50		7.500			
									171.080

Item	Description	Unit	No.	L	W	H	Add	Deduct	Total
ceramic walls	Bathroom Walls long sides	m ²	2	3.8		2.70	20.520		
	Bathroom Walls short sides		2	1.15		2.70	6.210		
	Door D1		1	1.00		2.20		2.200	
	Window W2		1	1.50		0.50		0.750	
									23.78
Ext. Plastering	Wall Axes A	m ²	1	12.20		4.10	50.020		
	Wall Axes 1 & 4		2	5.20		4.10	42.640		
	Cantilever outside axis B		2	0.50		0.60	0.600		
	Parapet Axes B		1	12.20		0.60	7.320		
	Wall at axis B		1	12.20		3.50	42.700		
	Roof bottom outside axis A		1	12.20	0.50		6.100		
	Windows W1		5	1.50		1.00		7.500	
	Windows W2		1	1.50		0.50		0.750	
	Door D1		1	1.00		2.20		2.200	
	Door D2		1	3.00		2.50		7.500	
									131.43
Roof insulatio	Roof	m ²	1	12.00	5.50		66.000		
									66.000
Roof P.C.	Roof	m ²	1	12.00	5.50		66.000		
									66.000
Roof Tiling	Roof	m ²	1	12.00	5.50		66.000		
									66.000