

Detailed Activity Schedule for Demolition and Debris Clearing of Staff Quarter

Location: NRDCL Head Office

Project Name: Demolition of Staff Quarter

SL	Description					Qty	Unit	Remarks
1	Dismantling of front wall							DD0017
1.1	Demolishing brick work including stacking useful materials & disposal of rubbish within 50m lead							
	l(m)	H(m)	w(m)	No	Volume			
	10.4	3.2	0.15	2	9.984			
	deduction for door							
	l(m)	H(m)	w(m)	Nos	Volume			
	1.3	2.1	0.15	4	1.638			
	for window(right)							
	l(m)	H(m)	w(m)	Nos	Volume			
	1.19	1.58	0.15	3	0.84609			
	for window(left)							
	l(m)	H(m)	w(m)	nos	volume			
	1.22	1.61	0.15	1	0.29463			
	Total deduction					2.77872		
					7.20528	7.20528	cu.m	
1.2	Side wall							
	l(m)	H(m)	w(m)	nos	Volume			
	6.3	6.44	0.15	2	12.1716	12.1716	cu.m	
1.3	back wall							
	l(m)	H(m)	w(m)	nos	Volume			
	10.4	6.44	0.15	1	10.0464			
	Deduction for window							
	l(m)	H(m)	w(m)	nos	Volume			
	1.22	1.61	0.15	4	1.17852			
	Toilet window							
	l(m)	H(m)	w(m)	nos	Volume			
	0.9	0.57	0.15	4	0.3078			
	Total deduction					1.48632		
					8.56008	8.56008	cu.m	
1.4	partition wall 1(sitting room)							
	l(m)	H(m)	w(m)	nos	Volume			
	3.16	2.76	0.15	4	5.23296	5.23296	cu.m	
1.5	partition wall 2(sitting room)							
	l(m)	H(m)	w(m)	nos	Volume			
	4.9	2.76	0.15	4	8.1144			
	deduction for door							
	l(m)	H(m)	w(m)	nos	Volume			
	1.5	1.96	0.15	4	1.764			
					6.3504	6.3504	cu.m	
1.6	Partition wall(kitchen)							

	l(m)	H(m)	w(m)	nos	Volume			
	2.4	2.44	0.15	4	3.5136			
	Deduction for door							
	l(m)	H(m)	w(m)	nos				
	0.77	1.65	0.15	4	0.7623			
					2.7513	2.7513	cu.m	
1.7	Partition wall 4(kitchen+toilet)							
	l(m)	H(m)	w(m)	nos	Volume			
	2.23	2.6	0.15	4	3.4788	3.4788	cu.m	
1.8	Partition wall 4(bedroom and kithen)							
	l(m)	H(m)	w(m)	nos	Volume			
	2.37	2.67	0.15	4	3.79674			
	Deduction for door							
	l(m)	H(m)	w(m)	nos	Volume			
	0.9	1.82	0.15	4	0.9828			
					2.81394	2.81394	cu.m	
	toilet wall							
	l(m)	H(m)	W(m)	Nos	volume			
	1.04	2.6	0.15	4	1.6224			
	Deduction for door							
	l(m)	H(m)	W(m)	Nos	volume			
	0.6	1.04	0.15	4	0.3744			
					1.248	1.248	cu.m	
2	Dismantling cement A.C, celotex, hardboard ceiling, partition, including stacking useful materials & disposal rubbish within 50m							DD0065
2.1	Ceiling 1							
	l(m)	W(m)	nos		Area			
	3.16	4.9	4		61.936	61.936	sq.m	DD0065
	Ceiling 2							
	l(m)	W(m)	nos		Area			
	2.46	2.37	4		23.3208	23.3208	sq.m	DD0065
	ceiling 3							
	l(m)	W(m)	nos		Area			
	2.4	1.19	4		11.424	11.424	sq.m	DD0065
	ceiling 4							
	l(m)	W(m)	nos		Area			
	1.51	1.04	4		6.2816	6.2816	sq.m	DD0065
3	Dismantling wooden flooring including stacking useful materials & disposal of rubbish within 50m lead							DD0040
3.1	Floor 1							
	l(m)	W(m)	nos		Area			
	3.16	4.9	4		61.936	61.936	sq.m	DD0040
	Floor 2							
	l(m)	W(m)	nos		Area			
	2.46	2.37	4		23.3208	23.3208	sq.m	DD0040
	Floor 3							

	l(m)	W(m)	nos		Area			
	2.4	1.19	4		11.424	11.424	sq.m	DD0040
	Floor 4							
	l(m)	W(m)	Nos		Area			
	1.51	1.04	4		6.2816	6.2816	sq.m	DD0040
4	Dismantling doors, windows, and clerestory windows <3sq.m (steel, wood) including architrave, hold fasts, stacking within 50m lead							
4.1	Front window							
	L(m)	H(m)	Nos		Area			
	1.19	1.58	3		5.6406	3	each	DD0029
	l(m)	H(m)	Nos		Area			
	1.22	1.61	1		1.9642	1	each	DD0029
4.2	Toilet Window							
	l(m)	H(m)	Nos		Area			
	0.9	0.57	4		2.052	4	each	DD0029
4.3	Back window							
	l(m)	H(m)	Nos		Area			
	1.22	1.61	4		7.8568	4	each	DD0029
	DOOR 1							
	l(m)	H(m)	Nos		Area			
	1.3	2.1	4		10.92	4	each	DD0029
	DOOR 2							
	l(m)	H(m)	Nos		Area			
	1.5	1.96	4		11.76	4	each	DD0029
	Door 3							
	l(m)	H(m)	Nos		Area			
	0.9	1.82	4		6.552	4	each	DD0029
	Door 4							
	l(m)	H(m)	Nos		Area			
	0.77	1.65	4		5.082	4	each	DD0029
	Door 5							
	l(m)	H(m)	Nos		Area			
	0.6	1.65	4		3.96	4	each	DD0029
5	Dismantling wood work of sectional area <40 sq.cm in frames, trusses including stacking within 50m lead (balcony)							
	L(m)	H(m)	W(m)	nos	Volume			
	11.2	0.5	0.8	2	8.96	8.96	cu.m	DD0026
6	Demolishing reinforced concrete, including stacking steel bars and disposal of rubbish within 50m lead for Stair case							
	l(m)	W(m)	H(m)	Nos	Volume			
	3.78	1.15	0.36	1	1.56492	1.56492	cu.m	DD0003
7	Dismantling tiled roofing with batten boarding etc. complete including stacking useful materials & disposal of rubbish within 50m							
	l(m)	W(m)	nos		Area			

	14	9.3	1	130.2	130.2		DD0046
8	Dismantling of old S.W pipes including breaking joints, bed concrete, stacking of useful materials & disposal of rubbish within 50m lead						
	G.I Pipes						
	l(m)		nos	qty			
	4.5		2	9	9	m	DD0085
	S.W Pipe 1						
	l(m)		nos	qty			
	3.4		2	6.8	6.8	m	DD0086
	S.W Pipe 2						
	l(m)		nos	Qty			
	5.5		1	5.5	5.5	m	DD0086
9	Demolishing reinforced concrete, including stacking steel bars and disposal of rubbish within 50m lead						
	l(m)	W(m)	H(m)	Nos	Volume		
	10.56	6.46	0.19	1	12.961344	12.961344	cu.m DD0003
10	Dismantling of flushing cistern of any size including stacking of useful materials & disposal of rubbish within 50 m lead						
	Nos				Qty		
	4				4	4	Nos DD0100
11	The item covers the complete demolition of existing building using wheel excavator,including the removal and disposal of all debris off-site.This includes all labor,equipment,materials,and disposal fees associated with demolition process.						
	Dismantling of electrical wiring including conduit for light,fan, exhaust fan,3pin 5 ampere plug point,circuit/submain wiring boxes,covers,etc all types and stacking materials within 50m lead including making surface good						lumsum
	complete loading of debris and Hiring of trucks for dumping the debris from the site to the proper disposal area as designated by Thimphu Thromde.						lumsum