

CHAPTER NO. 8

DISMANTLING

Notes:-

The rates given under this chapter are subject to the following conditions in addition to the conditions laid down in the public works "General Conditions of Contract etc." and PWD specifications.

- (i) Unless otherwise stated, the rates include sorting and stacking dismantled material and removing the same within a distance of 100 metres.
- (ii) The rates given below are for non-hydraulic works. For hydraulic works, which are required to be dismantled these shall be enhanced by 50 per cent. (hydraulic works are those which remain submerged under water for most of their lives). The items, which can be considered as hydraulic works, are :-
"Stone masonry in lime or cement, burnt bricks, tile lining and tile masonry in lime or cement mortar, lime or cement concrete and reinforced cement concrete, and pucca grouted pitching when under water."
- (iii) Unless otherwise specified, the rates cover the cost of all tools and plants, ladders, scaffolding and all other adjuncts required for dismantling.
- (iv) Dismantling should be done with care and with little or no damage to the materials released and also taking all necessary precautions for the protection of Public properties and keeping down dust and nuisance etc.

Sr. No.	Description	Unit	Rate			
			For Plain		For Sub-Mountainous Region	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
8.1	Dismantling stone masonry/Rubble masonry including stacking of serviceable materials and disposal of unserviceable materials.					
	(a) In lime	cum	182.84		201.12	
	(b) In cement	cum	243.22		267.54	
	(c) Scabbled or rubble stone masonry in mud.	cum	90.58		99.64	
	(d) Dry rubble or dry scabbled stone masonry.	cum	62.06		68.27	
8.2	Dismantling stone pitching or soling.					
	(a) Stone pitching dry	cum	62.06		68.27	
	(b) Stone pitching laid dry but grouted with natural silt and clay	cum	110.71		121.78	
	(c) Stone pitching laid dry but grouted with dry ballast.	cum	85.55		94.11	

Sr. No.	Description	Unit	Rate			
			For Plain		For Sub-Mountainous Region	
			Labour Rate	Through Rate	Labour Rate	Through Rate
	(d) Stone pitching grouted with dry ballast and with natural silt and clay.	cum	120.77		132.85	
8.3	Dismantling stone spalls or brick bats filling.					
	(a) In dry	cum	55.35		60.89	
	(b) Grouted with natural silt and clay	cum	78.84		86.72	
	(c) In wire crates including opening of crates and stacking crate material.	cum	97.29		107.02	
Note :-	When the work to be dismantled under items No. 8.2 and 8.3 is under water, add 60 per cent to above rates.					
8.4	Dismantling pucca grouted pitching.	cum	182.84		201.12	
8.5	Dismantling brick work tile masonry or tile lining.					
	(a) In lime	cum	182.84		201.12	
	(b) In cement.	cum	241.54		265.69	
	(c) Arch work in cement or lime	cum	293.54		322.89	
	(d) In mud	cum	90.58		99.64	
	(e) In mud with jibi face	cum	110.71		121.78	
	(f) Gilafi brick work	cum	62.06		68.27	
	(g) Gilafi brick work with jibi face	cum	78.84		86.72	
	(h) Sundried brick work in mud	cum	48.64		53.50	
	(i) Dismantling dry brick work	cum	48.64		53.50	
8.6	Dismantling concrete or precast concrete.					
	(a) Lime concrete, cement concrete 1:6:12 or leaner	cum	145.93		160.52	
	(b) Cement concrete plain 1:4:8 or 1:5:10	cum	241.54		265.69	
	(c) Cement concrete plain 1:3:6	cum	345.54		380.09	
	(d) Cement concrete plain 1:2:4	cum	483.09		531.40	

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			For Plain		For Sub-Mountainous Region	
			Labour Rate	Through Rate	Labour Rate	Through Rate
	(e) Reinforced Cement concrete	cum	779.99		857.99	
8.7	Dismantling metalling or dry brick ballast	cum	62.06		68.27	
8.8	Dismantling roofing					
	(a) First class mud roofing	sqm	23.11		25.42	
	(b) Second class mud roofing	sqm	20.08		22.09	
	(c) Mud roofing with wooden planks laid over battens.	sqm	18.45		20.30	
	(d) Thatched roofing.	sqm	6.71		7.38	
	(e) Sirki sarkanda roofing.	sqm	9.23		10.15	
	(f) Jack arch roofing excluding joists of terraced roofing.	sqm	23.77		26.15	
8.9	Dismantling wood work from roof.	cum	438.89		482.78	
8.10	Stripping and stacking slate or tiles of a roof.	sqm	15.75		17.33	
8.11	Stripping and stacking iron sheets of a roof including ridging, flashing, eaves boards gutters and down pipes.	sqm	10.72		11.79	
8.12	Add for planks and battens in cases of item nos. 8.10 and 8.11 .	sqm	9.04		9.94	
8.13	Add for roof trusses of iron or wood, (rafters, purling etc.) in case of item Nos. 8.10 and 8.11.	sqm	19.11		21.02	
8.14	Dismantling mud walling.	cum	48.64		53.50	
8.15	Dismantling Dhajji walling.	sqm	18.45		20.30	
8.16	Dismantling cement conglomerate floors (25mm to 50mm) thick including concrete base.	sqm	38.58		42.44	
8.17	Dismantling cement conglomerate floors (25mm to 50mm) thick without concrete base.	sqm	20.13		22.14	

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			For Plain		For Sub-Mountainous Region	
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8.18	Dismantling brick or flagged stone flooring including concrete base.	sqm	30.19		33.21	
8.19	Dismantling brick or flagged stone flooring without concrete base.	sqm	10.06		11.07	
8.20	Dismantling plank flooring.	sqm	19.11		21.02	
8.21	Dismantling plank ceiling and supporting timber.	sqm	24.14		26.55	
8.22	Dismantling cloth ceiling and supporting timber.	sqm	10.72		11.79	
8.23	Dismantling stone-ware drains and concrete.	metre	6.71		7.38	
8.24	Removing R C battens from roofs.	cum	731.34		804.47	
8.25	Removing R S beams from structures or truses.	qtl	122.08		134.29	
8.26	Removing Doors and Windows (Steel or wood) with chowkhats by making recesses in walls when the wall is not to be dismantled.					
	(a) Doors of area 3 sqm and below.	each	80.22		88.24	
	(b) Windows of area 3 sqm and below	each	51.05		56.16	
	(c) Clerestory windows of area 3 sqm and below.	each	25.52		28.07	
8.27	Removing hume pipes.					
	(a) 150 mm to 300 mm dia	metre	35.23		38.75	
	(b) above 300 mm to 600 mm dia	metre	55.35		60.89	
	(c) above 600 mm to 900 mm dia	metre	78.84		86.72	
8.28	Removing sal ballies from structures including stacking.	each	13.98		15.38	
8.29	Dismantling sleepers from centring including stacking outside.	each	13.98		15.38	
8.30	Dismantling tramway track	metre	5.03		5.53	

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			For Plain		For Sub-Mountainous Region		
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8.31	Scraping						
	(a) White wash and colour wash	sqm	2.52		2.77		
	(b) Lime Plaster	sqm	12.75		14.03		
	(c) Cement Plaster.	sqm	12.75		14.03		
	(d) Mud Plaster	sqm	2.18		2.40		
	(e) Bricks dismantled from brick work in lime or concrete	1000 nos	559.13		615.04		
	(f) Bricks dismantled from brick work in mud.	1000 nos	139.78		153.76		
	(g) Tiles dismantled from the work in lime or cement.	1000 nos	733.86		807.25		
	(h) Dismantled boulder masonry/concrete articles						
	(i) In cement or lime	cum	221.42		243.56		
	(ii) In mud	cum	48.64		53.50		
8.32	Dismantling wire gauge with frame work including separating frame work and putting wire gauge into rolls.	sqm	3.94		4.33		
8.33	Dismantling reinforced brick work including cutting, cleaning and straightening of bars.	cum	578.57		636.43		
8.34	Dismantling Rain water pipes of A.C.C/C.I pipe with clamps and specials etc.	metre	7.96		8.76		
8.35	Dismantling glazed tiles (to be carefully removed).	sqm	47.82		52.60		
8.36	Dismantling asbestos cement, celotax or other hard board ceiling or partition walls including supporting timber.	sqm	16.40		18.04		
8.37	Dismantling wooden chajjas and sun-shades.	sqm	20.04		22.04		
8.38	Removing doors and windows together with the dismantling of walls						
	(i) Doors	each	41.94		46.13		

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	(ii) Windows	each	27.96		30.76	
	(iii) Clerestory windows	each	27.96		30.76	
8.39	Dismantling of brick work in cement sand mortar / lime mortar including T&P scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material. & staking the serviceable material with all lifts & lead of 100 metre (By Mechanical Means)	cum	207.34		228.07	
8.40	Dismantling of PCC including T&P scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material. & staking the serviceable material with all lifts & lead of 100 metre (By Mechanical Means)	cum	262.75		289.03	
8.41	Dismantling of prestressed / RCC including T&P scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material. & staking the serviceable material with all lifts & lead of 100 metre (By Mechanical Means)	cum	467.52		514.27	