

CHAPTER - 18 : DISMANTLING AND DEMOLISHING			
Item No.	Description Of Item	Unit	Rate (Rs.)
	CONCRETE		
181010	Demolishing lime concrete and disposal of material within 50m lead	cum	155.64
181020	Demolishing plain cement concrete including disposal of material within 50m lead		
181021	1:2:4 or richer mix with max. 20 mm coarse aggregate	cum	451.85
181022	Mix leaner than 1:2:4 with coarse aggregate larger than 20mm	cum	276.70
181023	Dismantling concrete kerb stones/rail level platform stones /concrete beams / slabs or similar light structural parts/ stones without appreciable damage including	cum	463.96
181030	Demolishing R.C.C. work including cutting and stacking of steel bars and disposal of unserviceable material within 50m lead. (Extra payment for scraping, cleaning and straightening of bars to be made separately)	cum	664.95
181040	Extra over Item Nos. 181021 and 181050 if pavement breaker is used on orders of Engineer	cum	199.48
181050	Demolishing R.B work including stacking of steel bars and disposal of unserviceable material within 50m lead (Extra payment for scraping, cleaning and straightening of bars to be made separately)	cum	589.58
181060	Extra for scraping, cleaning, straightening reinforcement from R.C.C. or R.B. work	Kg	1.76
	MASONRY		
182010	Demolishing brick work including stacking of serviceable material and disposal of unserviceable material within 50m lead		
182011	In mud mortar	cum	127.83
182012	In lime mortar/ lime cinder mortar	cum	155.64
182013	In cement mortar	cum	376.48
182020	Extra for removing mortar from bricks and cleaning bricks (stacks of cleaned bricks shall be measured)		
182021	From brick work in mud mortar	1000 nos.	849.85
182022	From brick work in lime mortar/ lime cinder mortar	1000 nos.	982.52
182023	From brick work in cement mortar	1000 nos.	1227.88
182030	Demolishing stone rubble masonry including stacking of serviceable material and disposal of unserviceable material within 50m lead		
182031	Dry masonry	cum	158.95
182032	In lime mortar	cum	212.21
182033	In cement mortar	cum	449.81
182040	Dismantling dressed stone work, ashlar face stone work, marble work, including stacking of serviceable and disposal of unserviceable material within 50m lead		
182041	In lime mortar	cum	268.62

Item No.	Description Of Item	Unit	Rate (Rs.)
182042	In cement mortar	cum	526.65
182050	Dismantling Precast concrete or stone slabs in walls, partition wall etc. including stacking within 50m lead		
182051	Thickness upto 40mm	Sqm	54.40
182052	Thickness above 40mm upto 75mm	Sqm	81.45
182060	Extra over basic Items for removing mortar from stones/blocks and cleaning stones/blocks (net quantity of stacks of cleaned materials will be measured, deduction @15% for voids in stones will be made)		
182061	In lime mortar	cum	87.72
182062	In cement mortar	cum	126.89
182070	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster/pointing including disposal of rubbish within 50m lead	Sqm	10.09
	FLOORING, PAVING, SKIRTING ETC.		
183010	Dismantling cement concrete / terrazzo flooring and/or underlayer excluding base concrete	Sqm	15.15
183020	Dismantling tile work in floors/dado/skirting laid in cement mortar/ chemical mortar/synthetic adhesive including stacking material within 50m lead	Sqm	20.21
183030	Dismantling stone slab flooring/ dado/skirting laid in cement mortar/ lime mortar including stacking of serviceable material and disposal of unserviceable material within 50m lead	Sqm	49.68
183040	Dismantling Paver block/ stone sett flooring laid in dry mortar/ cement mortar / bitumen, including stacking material within 50m lead	Sqm	39.32
183050	Extra for cleaning the stone sets with cement mortar & bitumen	100 nos.	178.07
183060	Dismantling including stacking of serviceable material and disposal of unserviceable material within 50m lead		
183061	Under layer of road of water bound macadam/ stone soling etc.	Sqm	41.46
183062	Bituminous top layer of road	Sqm	80.60
	ROOFING, TERRACING ETC.		
184010	Demolishing brick tile covering (single layer) in terracing including stacking of serviceable material and disposal of unserviceable material within 50m lead	Sqm	18.77
184020	Demolishing mud phaska in terracing and disposal of material within 50m lead	cum	163.20
184030	Dismantling stone slab roofing including all coverings over wooden karries or R.C.C. battens (dismantling karries and battens to be paid separately) including stacking of serviceable material and disposal of unserviceable material within 50m lead	cum	662.41
184040	Dismantling jack arch roofing including lime/cement concrete in haunches and floors including cleaning and stacking of serviceable material and disposal of unserviceable material within 50m lead - plan area to be measured	Sqm	46.50

Item No.	Description Of Item	Unit	Rate (Rs.)
184050	Dismantling Single tiled roofing of any type with battens boarding etc. complete including stacking of serviceable material and disposal of unserviceable material within 50m lead	Sqm	39.83
184060	Dismantling Double layer tiled roofing of any type with battens boarding etc. complete including stacking of serviceable material and disposal of unserviceable material within 50m lead	Sqm	69.48
184070	Dismantling ridges, hips valleys and gutters etc of any material and stacking the material within 50m lead	metre	5.38
184080	Dismantling roofing including ridges, hips valleys and gutters etc. and stacking the material within 50m lead of		
184081	G.I. sheet	sqm	30.98
184082	Asbestos sheet	sqm	14.68
	WOOD WORK & PANELLING ETC.		
185010	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts in CC or masonry etc. complete and stacking within 50m lead	Each	92.50
185020	Taking out doors, windows, clerestory window, cupboard shutters only (steel or wood) including stacking within 50m lead	Each	35.39
185030	Dismantling wood work in frames, trusses, purlins and rafters/reepers including stacking the material within 50m lead		
185031	Of sectional area 40sqcm and above	cum	826.28
185032	Of sectional area below 40sqcm	cum	930.65
185040	Dismantling wooden trellis work excluding frames but including stacking the serviceable material within 50m	sqm	11.84
185050	Dismantling wooden ballies in posts and struts including cutting if required and stacking within 50m lead	metre	3.81
185060	Dismantling wooden boarding in lining of walls and partitions, sunshades etc excluding supporting members but including stacking within 50m lead		
185061	Upto 10mm thick	sqm	11.32
185062	Thickness above 10mm upto 25mm	sqm	14.42
185070	Taking out existing plywood (including laminations if any) of any thickness from door, windows partitions, boards, furniture etc including fittings as beading and borders including stacking.	Sqm	17.33
185080	Taking out existing broken glass panes from existing door, windows, partitions etc. including stacking/disposal	sqm	43.97
185090	Taking out existing laminated sheets (Sunmica etc.) from doors, windows, partitions boards etc.	sqm	13.71
	STEEL WORK		
186010	Dismantling steel work in single sections including dismembering & stacking within 50m lead in		
186011	R.S. joists./ Rails	Kg	0.62
186012	Channels, angles, tees and flats/ rounds or any other rolled shape.	Kg	0.45

Item No.	Description Of Item	Unit	Rate (Rs.)
186020	Dismantling steel work and trusses upto 10m span and 5m height in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50m lead	Kg	1.04
186030	Dismantling steel work and trusses upto 10m span and upto 5m height (height of lowest member from ground) in built up sections and stacking within 50m lead	Kg	0.72
186040	Extra over item 186020 & 186030 for dismantling trusses, rafters, purlins etc. of steel work for additional span length of one metre or part thereof beyond 10m	Kg	0.16
186050	Extra over item 186030 & 186040 for dismantling trusses, rafters, purlins etc. of steel work for additional height of one metre or part thereof beyond 5m	Kg	0.16
186060	Extra for marking of structural steel work required to be re-erected	Kg	0.85
186070	Dismantling pressed steel tanks, excluding staging, including stacking within a lead of 50m	sqm	62.55
186080	Dismantling, iron collapsible gate, rolling shutter, M.S. Grill, M.S. Gates, Palisade fencing etc.with post & stays including stacking of serviceable materials and disposal of unserviceable materials within 50 m lead	sqm	41.57
186090	Taking out rail posts of any height and stacking within 50m. (Demolishing of concrete/masonry, if required to be done, will be paid extra)	Each	61.95
	FENCING		
187010	Dismantling and stacking within 50m lead, fencing posts or struts/ rails including all earth work and dismantling of concrete etc. in base		
187011	'T' or 'L' iron or pipe, rail or RSJs	Each	50.91
187012	R.C.C. / Stone	Each	61.24
187020	Dismantling barbed wire or flexible wire rope in fencing including making rolls and stacking within 50m lead	Kg	7.01
	SANITARY AND WATER SUPPLY ITEMS		
188010	Dismantling asbestos cement pressure pipes/ Non pressure pipes upto 150mm dia including excavation and refilling trenches after taking out the pipes and stacking the pipes within 50m lead	metre	60.14
188020	Dismantling G.I. /PVC pipes (external work) including excavation and refilling trenches after taking out the pipes, including stacking of pipes within 50m lead		
188021	Upto 40mm dia	metre	29.23
188022	Above 40mm dia	metre	33.40
188030	Dismantling rain water pipe of G.I, C.I, M.S, SCI, asbestos or PVC with fittings and clamps, including stacking the material within 50m lead		
188031	Dia of 80mm and below	metre	13.78
188032	Dia of above 80mm	metre	14.22
188040	Dismantling of flushing cistern of any size including stacking of serviceable materials and disposal of unserviceable materials within 50m lead	Each	180.74

Item No.	Description Of Item	Unit	Rate (Rs.)
188050	Dismantling of C.I. sluice and similar valves including stacking of serviceable materials within a lead of 50m		
188051	Upto 150mm diameter	Each	64.85
188052	Above 150mm diameter	Each	226.94
188060	Dismantling of spindle fire hydrant including stacking of serviceable materials within 50m lead	Each	136.09
188070	Taking out earthenware or stoneware/concrete pipes and stacking within 50m lead including excavation of trench and refilling and ramming complete. (Demolishing of concrete/masonry if required to be done will be paid		
188071	Upto 15 cm dia.	metre	6.92
188072	Above 15 cm dia upto 30cm dia.	metre	8.87
188073	Above 30cm dia.	metre	10.89
	MISCELLANEOUS ITEMS		
189010	Dismantling sleeper huts complete with roof and flooring etc.	sqm	68.04
189020	Dismantling expanded metal, BRC, IRC, welded mesh or similar materials incl. beading and stacking the serviceable material within 50m lead	sqm	14.12
189030	Dismantling cement asbestos, Celotax or other hard board ceiling or partition wall, sunshades etc including stacking of serviceable materials and disposal of unserviceable materials within 50metres lead	sqm	10.71
189040	Dismantling gypsum partitions including framework (Aluminium/steel),and false ceiling including stacking of serviceable material and disposal of unserviceable material within 50m lead	sqm	12.24
189050	Dismantling hessian cloth or similar textile covering from ceiling or walling etc.	sqm	5.31
189060	Removing thatch only with binding materials including underlayer matting, from roof. including stacking within a lead of 50 m		
189061	Upto 150mm thick	sqm	5.44
189062	Above 150 mm thick	sqm	6.18
189070	Removing tar felts or bitumen felts (Any no of layers) from roofs parapets etc including disposal by burning.	sqm	10.35
189080	Dismantling of old S.W. pipes including breaking of joints and partial bed concrete (Brick or stone) as required, stacking of useful material near the site within 50m lead and disposal of unserviceable material into municipal / Railway dumps		
189081	100mm diameter	metre	30.59
189082	150mm diameter	metre	34.53
189083	200mm diameter	metre	37.00
189084	250mm diameter	metre	42.98
189085	300mm diameter	metre	48.19
189086	350mm diameter	metre	50.27

Item No.	Description Of Item	Unit	Rate (Rs.)
189090	Dismantling of manhole including R.C.C. top slab, C.I. cover with frame including stacking of useful material including bricks duly cleaned from mortar near the site and disposal of unserviceable materials into railway dumps within 50m lead including all excavation, refilling watering and ramming etc. complete		
189091	Rectangular manhole 90x80cm (Inside dimensions) and 45cm deep.	Each	719.58
189092	Rectangular manhole 120x90cm (Inside dimensions) and 90cm deep	Each	1316.81
189093	Rectangular arch type manhole 140x90cm (Inside dimensions) and 2.45m deep	Each	3411.29
189094	Circular manhole 122cm diameter (Inside dimensions) and 1.68m deep	Each	4654.06
189100	Extra for depth of manholes dismantled for :		
189101	Rectangular manhole 90x80cm (Inside dimensions) and 45cm deep.	10 cm	16.11
189102	Rectangular manhole 120x90cm (Inside dimensions) and 90cm deep	10 cm	120.77
189103	Rectangular arch type manhole 140x90cm (Inside dimensions) and 2.45m deep	10 cm	130.06
189104	Circular manhole 122cm diameter (Inside dimensions) and 1.68m deep	10 cm	262.54
189110	Taking out European or Indian type WC, Squatting plate Complete with all parts including making good the walls complete, if required	Each	117.31
189120	Taking out Wash hand basin and sink complete with all parts including making good the walls complete, if required	Each	134.51
189130	Taking out flat back or angular lipped urinal basin. Complete with all parts including making good the walls complete, if required	Each	114.08
189140	Taking out Squatting Urinal plate Complete with all parts including making good the walls complete, if required	Each	122.94
	New Items To Be Added By Zonal Railways		
189210			
189220			
189230			
189240			
189250			
189260			
189270			
189280			
189290			
189300			