

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 | |

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|---------|--|------|-------------|--------------|----------------------------|--------------|
| | | | 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 | |
| | | | Labour Rate | Through Rate | Labour Rate | Through Rate |
| 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 | | |
| | | | Labour Rate | Through Rate | Labour Rate | Through Rate | |
| 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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| | | | For Plain | | For Sub-Mountainous Region | |
| | | | Labour Rate | Through Rate | Labour Rate | Through Rate |
| | (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 | |