

CHAPTER 27

**MISCELLANEOUS WORKS
(Misc. Sanitary, Water Supply and Drainages etc.)**

**27 MISCELLANEOUS WORKS
(Miscellaneous Sanitary, Water supply and Drainage)**

Sl. No.	Description	Unit	Rate (Rs p)
27.01	Cutting holes upto 15x15 cm in R.C.C. floors and roofs for passing drain pipe etc. and repairing the hole after insertion of drain pipe etc. with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) including finishing complete so as to make it leak proof. (22.10 C.P.W.D. 2002)	No	204.00
27.02	Making chases upto 7.5x7.5 cm in walls including making good after housing G.I. pipe etc. (22.15 C.P.W.D. 2002)	m	78.90
27.03	Making hole upto 20 x 20 cm and embedding pipes upto 150 mm diameter in masonry and filling with cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) including disposal of malba. (22.16 C.P.W.D. 2002)	m	157.10
27.04	Disinfecting C.I. water mains by flushing with water containing bleaching powder at 0.5 gms per litre of water and cleaning the same with fresh water, operation to be repeated three times including getting the sample of water from the disinfected main tested in the municipal laboratory : (22.20 C.P.W.D. 2002)		
(a)	22.20.1 - 80 mm diameter C.I. pipe	100m	597.70
(b)	22.20.2 - 100 mm diameter C.I. pipe	100m	793.90
(c)	22.20.3 - 125 mm diameter C.I. pipe	100m	994.00
(d)	22.20.4 - 150 mm diameter C.I. pipe	100m	1204.10
(e)	22.20.5 - 200 mm diameter C.I. pipe	100m	1610.60
(f)	22.20.6 - 250 mm diameter C.I. pipe	100m	2024.90
(g)	22.20.7 - 300 mm diameter C.I. pipe	100m	2238.40
(h)	22.20.8 - 350 mm diameter C.I. pipe	100m	2453.00
(i)	22.20.9 - 400 mm diameter C.I. pipe	100m	2682.80
(j)	22.20.10 - 450 mm diameter C.I. pipe	100m	2904.50
(k)	22.20.11 - 500 mm diameter C.I. pipe	100m	3141.00
(l)	22.20.12 - 600 mm diameter C.I. pipe	100m	3598.20

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27.05	Extra for every operation of disinfecting the C.I. main by flushing with water containing bleaching powder at 0.5 gms per litre of water and cleaning the same with fresh water, including getting the samples of water tested in the municipal laboratory : (22.21 C.P.W.D. 2002)		
(a)	22.21.1 - 80 mm diameter C.I. pipe	100m	220.00
(b)	22.21.2 - 100 mm diameter C.I. pipe	100m	269.30
(c)	22.21.3 - 125 mm diameter C.I. pipe	100m	331.80
(d)	22.21.4 - 150 mm diameter C.I. pipe	100m	389.80
(e)	22.21.5 - 200 mm diameter C.I. pipe	100m	610.60
(f)	22.21.6 - 250 mm diameter C.I. pipe	100m	687.70
(g)	22.21.7 - 300 mm diameter C.I. pipe	100m	763.40
(h)	22.21.8 - 350 mm diameter C.I. pipe	100m	891.10
(i)	22.21.9 - 400 mm diameter C.I. pipe	100m	1016.30
(j)	22.21.10 - 450 mm diameter C.I. pipe	100m	1146.60
(k)	22.21.11 - 500 mm diameter C.I. pipe	100m	1276.90
(l)	22.21.12 - 600 mm diameter C.I. pipe	100m	1530.10
27.06	Dismantling old C.I. pipes including excavation and refilling trenches after taking out the pipes, breaking lead caulked joints, melting of lead and making into blocks including stacking of pipes at site lead upto 50 metre : (22.22 C.P.W.D. 2002)		
(a)	22.22.1 - 80 mm diameter C.I. pipe	m	198.30
(b)	22.22.2 - 100 mm diameter C.I. pipe	m	202.80
(c)	22.22.3 - 125 mm diameter C.I. pipe	m	206.80
(d)	22.22.4 - 150 mm diameter C.I. pipe	m	211.70
(e)	22.22.5 - 200 mm diameter C.I. pipe	m	231.40
(f)	22.22.6 - 250 mm diameter C.I. pipe	m	251.20
(g)	22.22.7 - 300 mm diameter C.I. pipe	m	268.10
(h)	22.22.8 - 350 mm diameter C.I. pipe	m	283.50
(i)	22.22.9 - 400 mm diameter C.I. pipe	m	296.70

CHAPTER 27

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Sl. No.	Description	Unit	Rate (Rs p)
(j)	22.22.10 - 450 mm diameter C.I. pipe	m	310.60
(k)	22.22.11 - 500 mm diameter C.I. pipe	m	321.70
(l)	22.22.12 - 600 mm diameter C.I. pipe	m	339.00
27.07	Labour for cutting C.I. pipe with steel saw. (22.23 C.P.W.D. 2002)		
(a)	22.23.1 - 80 mm diameter C.I. pipe	each	56.30
(b)	22.23.2 - 100 mm diameter C.I. pipe	each	76.40
(c)	22.23.3 - 125 mm diameter C.I. pipe	each	108.00
(d)	22.23.4 - 150 mm diameter C.I. pipe	each	144.20
(e)	22.23.5 - 200 mm diameter C.I. pipe	each	192.50
(f)	22.23.6 - 250 mm diameter C.I. pipe	each	236.70
(g)	22.23.7 - 300 mm diameter C.I. pipe	each	284.90
(h)	22.23.8 - 350 mm diameter C.I. pipe	each	329.10
(i)	22.23.9 - 400 mm diameter C.I. pipe	each	376.80
(j)	22.23.10 - 450 mm diameter C.I. pipe	each	422.50
(k)	22.23.11 - 500 mm diameter C.I. pipe	each	469.20
(l)	22.23.12 - 600 mm diameter C.I. pipe	each	553.50
27.08	Supplying and stacking of hard stone (for stone pitching) 22.5 cm thick at site. (22.24 C.P.W.D. 2002)	cum	582.30
27.09	Dry stone pitching 22.5cm thick laid in courses and required profile with hammer dressed stones having no side less than 15 cm, with minimum depth of 20cm including preparing the bedding surface etc. all complete. (22.25A C.P.W.D. 2002)	sqm	208.80

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27.10	75 mm thick back filling for pitching including supplying of required materials and consolidation etc. complete with : (22.26 C.P.W.D. 2002)		
(a)	22.26.1 - Moorum	sqm	37.60
(b)	22.26.2 - Stone aggregate 20 mm nominal size	sqm	169.60
(c)	22.26.3 - Stone aggregate 40 mm nominal size	sqm	157.10