

Sr. No.	Description	Unit	Rate (in Rs.) 2007-2008	Rate (in Rs.) 2008-2009
1	2	3	4	5
	all over burden strata in glass jar and core samples serially numbered at site in a wooden Core Box, Samples to be taken at 1.0 M interval and conveying to the place as directed by Engineer - in - charge, The diameter of bore in overburden shall be 100 mm and of NX size (50mm) in other strata. The item shall also include M. S. casing pipe of 2.5 mm thick plate in overburden only and shall be 1.0 m above GL with cap over it.			
	a) In Overburden (Soft soil, murum)	RMT	750.00	
	b) In Weathered rock with boulders	RMT	2,090.00	
	c) In Weathered rock/soft rock	RMT	1,145.00	
	d) In Hard rock other than quartzite	RMT	1,420.00	
	e) In Hard rock quartzite	RMT	3,500.00	
6.	Providing pressure grouting at a pressure of 0.56 kg./sqcm in required row/zigzag fashion as specified at 1.5 M interval as per site conditions to stop leakages through water retaining structures to the entire satisfaction of the Engineer-in-charge including material compound, hardening materials, compressor equipment including scaffolding smooth finishing, etc. complete.			
	i) For masonry structure	Bag	490.00	
	ii) For concrete structure	Bag	500.00	
7.	Drilling 40 mm dia holes in masonry or concrete structure with providing and fixing 0.5 M long G. I. pipe line for pressure grouting including all Material, labour cost and machinery charges, etc. complete.	RM	140.00	
8.	Providing and casting ferrocrate water tank at site including all cost of labour and material, etc, complete. upto 25,000 literes (for foundation and providing and fixing taps, etc. shall be considered separately).	Litre	4.00	
9.	Providing and applying one coat of Gamma coating or equivalent such as Dr.Bake, Krishna conchem ,Asian Paint, Atul Limited, Burger Paint,epoxy primer 50 to 60 microns thick and covering two Coats of Gamma Coatings or equivalent such as Dr.Bake,Krishna Conchem, Asian Paint, Atul Limited, Burger Paints 30 microns thick each to new M.S.pipes and structural steel or concrete surface including repainting the surface by finishing by Solvent degreasing and de-rusting by applying chemical method and scaffolding is necessary required etc.complete as per manufactures specifications.	Sqm	180.00	

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1	2	3	4	5
10.	<p>Making cross connection to existing distribution main of any type including excavation, breaking and removing existing pipes, lowering, laying of specials and pipes in their position, refilling, closing the water supply in that area, dewatering and restarting the water supply, etc. complete as directed by Engineer-in-charge for following diameters of existing pipeline, irrespective of diameter of branch line (the number of joints involved will be paid separately depending upon the nature of joints and required pipes, valves and specials will be supplied free of cost at stores).</p> <p>i) 80 mm.</p> <p>ii) 100 mm.</p> <p>iii) 125 mm.</p> <p>iv) 150 mm.</p> <p>v) 200 mm.</p> <p>vi) 250 mm.</p> <p>vii) 300 mm.</p> <p>viii) 350 mm.</p> <p>ix) 400 mm.</p> <p>x) 450 mm.</p> <p>xi) 500 mm.</p> <p>xii) 600 mm.</p> <p>xiii) 700 mm.</p> <p>xiv) 750 mm.</p> <p>xv) 800 mm.</p> <p>xvi) 900 mm</p> <p>xvii) 1000 mm</p> <p>Note : Only 75 % rate shall be payable till satisfactory hydraulic testing is given.</p>	No.	1,067.00	
		No.	1,182.00	
		No.	1,282.00	
		No.	1,570.00	
		No.	1,684.00	
		No.	1,995.00	
		No.	2,370.00	
		No.	2,907.00	
		No.	2,800.00	
		No.	3,950.00	
		No.	4,573.00	
		No.	7,283.00	
		No.	9,167.00	
		No.	11,536.00	
		No.	15,692.00	
		No.	19,857.00	
		No.	26,397.00	

Sr. No.	Description	Unit	Rate (in Rs.) 2007-2008	Rate (in Rs.) 2008-2009
1	2	3	4	5
14.	<p>Providing and constructing RCC Cattle Trough consisting of RCC walling and RCC base slab in M-200 including cost of M. S. reinforcement including necessary excavation in all strata, providing and laying PCC 15 cm thick in M-150 for platform, base of gutter, levelling course below base slab, coping over gutter walls, BB masonry for walling of gutters, in CM-1:6, 30 cm thick rubble soling below platform including providing and applying 12 mm thick plastering in CM-1:3 to platform external and internal faces of trough, shifting chamber and gutter, providing soak pit and filling it with brickbats, providing and laying and jointing 25 mm dia. G. I. medium duty pipe for inlet and washout including providing with brass tap end plug and specials and one 25 mm dia. G. M. valve with providing and fixing C.I. road box of size 100 mm x 225 mm (20 kg) including all necessary excavation in all strata together with making cross connection to supply main with required specials and saddle piece, etc. complete as per type design, drawing and as directed.</p>	No.	26,561.00	

DETAILED SPECIFICATIONS FOR CATTLE TROUGH

1. The cattle trough of internal size of 3 m x 0.9 m and depth of 0.75 m above floor slab level shall be constructed including side platform, gutters and stilling chamber of 0.6 x 0.6 x 0.75 m size.
2. The location of the cattle trough shall be as directed by Engineer-in Charge.
3. The item includes excavation in all strata together with disposal of surplus excavated stuff as directed.
4. PCC of M-150 and 15 cm thickness for trough and platform and gutter and 10 cm thickness for gutter coping shall be provided.
5. The trough bottom and walling shall be in RCC M-200 with M.S. reinforcement. So also the stilling chamber of 0.6 x 0.6 m internal size shall be in M-200 with 12 mm thick cement plaster in CM 1:3 internally and externally. The gutter shall also be plastered as above.
6. The platform concrete of M-150 and of 15 cm thickness shall be laid on rubble soling as shown in the drawing.
7. The gutter shall be constructed on 3 sides of the trough with brick masonry (in CM 1:6) walling of 12 cm thickness with coping of 10 cm thickness in M-150 on the walling.
8. The waste water from the trough shall be lead to the soak pit of 1.0 M x 1.0 M x 1.0 M size which will be filled with brick bats through gutter as specified above.
9. The water from the supply main shall be brought to the trough through 25 mm dia G.I. medium class pipe of required length. The item also includes cost of G.I. pipe and one 25 mm dia G. M. wheel valve with 100 x 125 mm dia road box and one brass tap of 25 mm dia and required G.I. specials. The charges for lowering, laying and jointing of pipes, specials and valves are included in the item. 25 mm dia G. I. pipe for a length of 1.00 M for washout with end plug shall also have to be provided and laid as directed. The cost also includes charges of cross connection to the supply main with required specials and one 25 mm dia G. I. union.
10. This is a completed item and the payment shall be made on number basis after full completion including hydraulic testing.