



NAGAR PALIK NIGAM BHILAI

NIT

वार्ड क्र.-25 हाउसिंग बोर्ड 32 एकड़ जुनियर एमआईजी 28 के सामने सीवरेज लाईन संधारण कार्य।

S.NO	PARTICULAR	Qty	Unit
1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.		
		166.63	Cum
2	Brick work with modular fly-ash lime bricks (FaLG Bricks) conforming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: Cement Mortar 1:6 (1 cement : 6 coarse sand)		
	soak pit	3.20	Cum
3	Providing and making 12mm thick cement plaster of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand)		
	soak pit	16.00	sqm
4	Dismantling of old S.W. pipes including breaking of joints and bed concrete stacking of useful materials near the site within 50 m lead but beyond 20m and disposal of unserviceable materials:		
	200 mm diameter	235.00	mtr.
3	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all-round S.W. pipes including bed concrete 150mm thick as per standard design:		
	200 mm diameter S.W. pipe	235.00	mtr.
5	Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the roportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete :		
	200 mm diameter	235.00	mtr.
6	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.		
	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40mm nominal size).		
		2.81	Cum
7	Providing and laying nominal mix reinforced cement concrete with crushed stone ... 20mm nominal size).+ Extra for precast PCC/ RCC work of any mix including form .. 1:3 (1 Cement : 3 coarse sand) but excluding reinforcement.		
		3.53	Cum
8	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete:		
	Thermo-Mechanically treated bars FE 415	105.98	Kg
9	Providing and constructing brick masonry chamber for underground pipe and bends with well burnt modular clay with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design :		

	Inside dimensions 600x 850 mm and 45 cm deep for pipe line with three or more inlets : Extra for depth beyond 45 cm total depth 1 m.		
		18.00	No
10	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion etc complete. 110 mm dia pipe.		
		3.00	Mtr.
11	Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS : 13592 (heavy) jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.		
		2.00	No.
			
ASSTT.ENGINEER			
Nagar Palik Nigam, Bhilai		Nagar Palik Nigam, Bhilai	
EXECUTIVE ENGINEER			
Nagar Palik Nigam, Bhilai			