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NAGAR PALIK NIGAM BHILAI**NIT**

वार्ड क्र.-22 कुरुद में नकटा तालाब के निकट नया सेप्टिक टैंक निर्माण कार्य।

AS PER PWD BUILDING S.O.R 01.01.2015

S.N.	PARTICULAR	QTY	UNIT
1	Excavation for all types and sizes of foundations, trenches and drains or forupto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.In all types of soil		
		276.95	cum
2	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work. 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).		
		11.25	cum
3	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: Cement Mortar 1:6 (1 Cement : 6 Coarse Sand)		
		3.97	cum
4	Providing and laying nominal mix reinforcement cement concrete with crushed stone aggregate using concrete mixer in all works upto floor five level excluding cost of reinforcement and form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).		
		39.47	cum
5	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 all complete: Cold twisted bar / Hot rolled deformed steel		
		3947.00	kg
6	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:		
6.A	Beams, lintels, cantilevers & walls		
		118.40	sqm
6.B	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)		
		78.70	sqm
7	12mm thick cement plaster of mix: In Cement Mortar 1:4 (1 cement : 4 fine sand)		
		36.00	sqm
8	Neat Cement punning.		
		111.00	sqm
9	Providing and constructing brick masonry chamber for underground pipe and bendsstandard design : Inside dimensions 600x 850 mm and 45 cm deep for pipe line with three or more inlets : + Providing and constructing brick work for extra depth beyond 45 cm of brick masonry chamber with well burnt modular clay bricks crushing strength..... cement on walls: For 600x850 mm size		
		4.00	each
10	Providing and constructing soak pit 1.20x1.20x1.20m filled with brickbats including S.W. drain pipe 100 mm diameter and 1.20 m long complete as per standard design.		
		2.00	each
11	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M. and lift upto 1.5 M.		
		23.40	cum
12	Carriage by mechanical transport upto 5 km lead: Earth		
		207.71	cum

	materials near the site within 50 m lead but beyond 20m and disposal of unserviceable materials:		
	200 mm diameter	25.00	M
14	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	25.00	M
15	Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete :		
	200 mm diameter	25.00	M
16	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).	0.31	Cum
			
ASST. ENGINEER		SUB ENGINEER	
Nagar Palik Nigam, Bhilai		Nagar Palik Nigam, Bhilai	