

MUNICIPAL CORPORATION OF BHILAI

NIT

मुलभुत सुविधा अंतर्गत वार्ड क्र 24 हाउसिंग बोर्ड फौजी नगर में सेप्टिक टैंक संधारण कार्य

AS PER PWD BUILDING S.O.R 01.01.2015

S.N.	PARTICULAR	QTY	UNIT
1	Demolishing R.C.C. work including stacking of steel bars and disposal of unserviceable material within 50 metre lead.	3.60	CUM
2	Demolishing cement concrete including disposal of material within 50 metre lead.	3.60	CUM
3	Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead.	3.00	CUM
4	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	22.37	CUM
5	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.	4.30	CUM
6	Providing and fixing form work including centring, shuttering, strutting, staging, ropping bracing etc. complete and including its removal at all levels, for:		
a	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level	54.40	SQM
b	Columns, Pillars, Piers and likes- rectangular or square in shape	7.68	SQM
c	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	19.25	SQM
7	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).	29.27	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 all complete: Cold twisted bar / Hot rolled deformed steel	1541.44	KG
9	Constructing masonry Chamber 60x45x50 cm, inside with modular well burnt clay bricks of 35 kg/ cm² in cement mortar 1:4 (1 cement : 4 coarse sand) for water meter complete with C.I. double flap surface box 400x200x200 mm (inside) with locking arrangement and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement : 5 fine sand :10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick finished with a floating coat of neat cement complete as per standard design :	2.00	EACH
10	Providing and Laying and Jointing salt glazed stone ware (S.W.) pipes socket and spigot with stiff cement mortar 1:1 including testing of joints complete	11.00	M
11	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.	15.00	M
12	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.	1.00	NOS
13	Steel work in tubular (round, square or rectangular hollow tubes etc) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if required), bolts, nuts and washers for fastening etc. complete with applying a priming coat of red oxide zinc chromate primer.	1000.00	KG

14	Providing and laying vitrified floor tiles with soluble salt printing, of size 600x600mm with water absorption less than 0.5% and conforming to IS : 15622 of approved make, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete	25.00	SQM
			
ASSTT.ENGINEER		SUB ENGINEER	
Nagar Palik Nigam, Bhilai		Nagar Palik Nigam, Bhilai	