

MUNICIPAL CORPORATION OF BHILAI

N.I.T.

वार्ड क्र. 42 गौतम नगर खुरीपार गिलाई में डोगशेड निर्माण कार्य।

AS PER BUILDING & ELECTRICAL SOR 10.06.2026

S.N.	PARTICULARS OF ITEMS	Qty	UOM
1	Boring, providing and installing cast in situ single under reamed piles of specified diameter and length below pile cap in cement concrete 1:1½:3..... making one bulb using suitable bulb enlarging tool by MANUAL MEANS with all instruments and arrangements required for boring true to vertical line etc. all complete. (Length of pile for payment shall be measured upto to the bottom of pile cap):		
a	300 mm dia piles	41.58	meter
2	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.	3.69	Cum
3	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 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).	22.02	Cum
4	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.(Note :Excess/ less cement used as per design mix is ayable/recoverable separately) 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stonenaggregate 20mmnominal size).	4.02	Cum
5	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending etc. complete as per drawing including cost of binding wire. All complete. Thermo-Mechanically treated bars FE 415		
	80 Kg/cum of RCC	554.15	kg
6	Providing and fixing form work including centering, shuttering, strutting, staging, propping 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.	24.57	sqm
7	Providing and filling in plinth with sand/Crusher dust and hard moorum under floor, including ----- cost of all labour, materials, T & P etc. complete required for the work.	94.5	Cum
8	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)	1.64	Cum
9	Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:	1.64	Cum
10	Providing and making 12mm thick cement plaster of mix: In Cement Mortar 1:4 (1 cement : 4 fine sand)	40.95	sqm
11	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		
a	Electric resistance or induction butt welded tubes Grade-250	3780.00	kg
12	Supply and fixing of precoated galvanized iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns. with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	207.90	sqm



13	15 mm thick Table rubbed polished Granite stone slab in risers and treads of steps skirting dado and pillars laid on 12mm (Average) thick base of cement mortar 1:3 (1 cement : 3 coarse sand) and jointed with grey cement slurry including rubbing and polishing etc. complete (single stone is to be used for risers and treads of steps and width of stone for skirting and dado shall be equal to the height of skirting & dado and length of 1.0 m) Granite stone grey/pink	24.57	sqm
14	Providing & laying 60mm thick precast interlocking concrete blocks of approved size (approx 305 sqcm) and shape/ pattern, over 40 mm thick average complete coarse sand bed with joints of 3mm thick filled by fine sand including leveling with surface vibrator, temping and sweeping etc. complete of minimum compressive strength of 250 kg/sq.cm Pigment Coloured (rubber mould) precast interlock concrete blocks	207.90	sqm
15	Providing and applying Glossy finish Enamel paint minimum 2 coats in all surface applying @ 0.75 lit/ 10 Sqm up to required finish as per relevant I.S. code 2932: 2013 of (Product such as Asian Apcolite Premium Enamel, Dulux Promise Premium Enamel, Nerolac Synthatic Enamel, Opus Prime enamel) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackle and labour etc. complete for the work	126.00	sqm
16	Providing stainless steel railing/ grill made of S.S. flats, hollow S.S. pipe or square/ rectangular sections of approved design fixing in stair case, balcony or other places with metal fasteners and stainless steel bolts etc complete. SS Grade 304	204.75	kg
17	Add for electrification work	60000.00	L/S


Executive Engineer
Municipal Corporation
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Assistant Engineer
Municipal Corporation
Bhilai


Sub Engineer
Municipal Corporation
Bhilai