

MUNICIPAL CORPORATION BHILAI (C.G.)

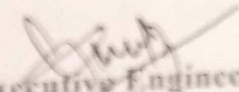
NIT


पर्य का नाम :- जोन-01 कोसानगर शहरी गौठान में वर्मी स्क्रीनिंग मशीन स्थापना एवं खाद भण्डारण हेतु कुक्ष निर्माण कार्य।

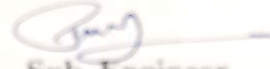
Pwd Building Sor 01.01.2015

S.No.	Description and details of work	Qty.	Unit
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 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size), to carry a safe working load, excluding the cost of steel reinforcement but including the cost of boring with auger by manual means and 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).	40.00	Metre
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. In all types of soil	2.70	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).	0.90	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).	3.60	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: Thermo-Mechanically treated bars	310.40	Kg
6	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Columns, Pillars, Piers and likes- rectangular or square in shape	30.00	Sqm
7	Brick work with modular fly-ash lime bricks (FALG Bricks) conforming to IS:12894-2002 of class designation 40 in foundation and plinth in :Cement Mortar 1:6	5.40	Cum
8	Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:	16.42	Cum
9	Providing and making 12mm thick cement plaster of mix: In Cement Mortar 1:5 (1 cement : 5 fine sand)	97.08	Sqm
10	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix: In Cement Mortar 1:5 (1 cement : 5 fine sand)	112.08	Sqm
11	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.	40.00	Cum

12	Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including carrying, hoisting, fixing in position upto a height of 7m above plinth level consisting of columns, trusses, roof and bottom purlins, bracing, 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	493.20	Kg
13	Providing asbestos cement thin thick corrugated or semi corrugated sheets roofing fixed with galvanized J or L hooks, bolts and nuts from dia G.I. plain bitumen washers complete excluding the cost of purlins, rafters and trusses. Extra for asbestos cement corrugated/semi corrugated sheet roofing with vertical sheeting or sheeting to pitch exceeding 60 degree.	66.00	Sqm
14	Providing and placing in position angle iron post and strut of required size including bottom to be split and bent at right angle in opposite direction for required length and drilling holes upto 12 mm dia as per requirement including priming coat with red oxide zinc chromate primer and placing the post/strut in cement concrete block.	250.00	Kg
15	Providing and fixing in position chain linked steel wire fabric made of 4 mm dia G.I. wire of required width in mesh to concrete/ wooden/ angle iron posts including securing and screwing with 2mm dia G.I. wire, G.I. staples, G.I.U-nails or steel pins etc., complete. Aperture 50x50mm	33.60	Sqm
16	Painting on new work (two or more coats) to give an even shade with Aluminium paint	57.15	Sqm
17	Painting exterior surface with SMOOTH exterior paint of required shade as per manufacturer with cow dung processing to give protective and decorative finish including cleaning washing of surface etc. complete with On new work	200.00	Sqm
18	Add 10% Electrification Charges	30235.00	Rs


Executive Engineer
Municipal Corporation
Bhilai (C.G)


Asstt. Engineer
Municipal Corporation
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Sub. Engineer
Municipal Corporatio
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