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NAGAR PALIK NIGAM BHILAI

NIT

वार्ड क्र.-22 कुरुद ट्रेचिंग ग्राउण्ड में गौठान हेतु बाउण्ड्रीवॉल, चैनलिक एवं पेटर ब्लॉक लगाने कार्य।

(As per P.W.D BUILDING S.O.R. W.E.F. 01.01.2015)

S.N.	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. In all types of soils.	239.91	cum
2	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.	61.88	cum
3	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.1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).	61.88	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. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	78.12	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	6249.60	kg
6	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level. Columns, Pillars, Piers and likes- rectangular or square in shape	67.05	sqm
7	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)	18.00	cum
8	Extra for brick work in superstructure: Above plinth and upto floor five level.	54.00	cum
9	12mm thick cement plaster of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand)	360.00	sqm
10	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand)	360.00	sqm
11	Painting exterior surface with TEXTURED exterior paint of required shade as per manufacturer's specifications to give protective and decorative finish including cleaning washing of surface etc. complete with: On new work	675.00	sqm
12	Providing and placing in position angle iron and sturt of required size i/c bottom to be split and bent at right angle in opposite direction for required length and drilling holes up to 10 mm dia as per requirement i/c priming coat with red oxide zinc chromate primer and placing the post/strut in cement concrete block>	444.60	kg
13	Providing and fixing steel door/ window with M.S. sheet 1mm thick, frame of angle iron, diagonal braces of angle/ flat iron of suitable size, 3.00 mm M.S. gusset plates at junctions and corners, all necessary fittings complete including applying a priming coat of red oxide zinc chromate primer.	350.00	kg.
14	Painting on new work (two or more coats) to give an even shade with. Aluminium paint.	20.70	sqm
15	Painting on new work (two or more coats) to give an even shade with: Premium synthetic enamel paint	40.32	sqm
16	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	100.00	kg
17	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	67.50	sqm
18	Providing & laying 60mm thick precast interlocking concrete blocks of approved .. over 40 mm thick .. including leveling with surface vibrator, tamping and sweeping etc. complete of minimum compressive strength of 250 kp/sq cm Pigment Coloured (rubber mould) precast interlock concrete blocks	500.00	sqm
19	Providing and laying nominal mix plain cement .. using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	1.80	cum

ASSTT.ENGINEER

Nagar Palik Nigam, Bhilai

SUB ENGINEER

Nagar Palik Nigam, Bhilai