

NAGAR PALIK NIGAM BHILAI



NIT

विधायक निधि अंतर्गत कुरुद में श्री स्वामी समर्थ उपासना मंडल के पास सार्वजनिक सांस्कृतिक भवन व गार्डन निर्माण कार्य।

(As per P.W.D building S.O.R W.E.F 01.01.2015 & Electrical S.O.R. 01.06.2020)

SN	PARTICULAR	QTY	UNIT
सार्वजनिक सांस्कृतिक भवन निर्माण कार्य।			
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	24.78	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. 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).	8.80	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.1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	21.13	cum
4	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	1901.30	kg
5	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:		
5.a	Foundations, footings, base of columns and plinth beam in any shape and size.	30.80	sqm
5.b	Columns, Pillars, Piers and likes- rectangular or square in shape	71.00	sqm
5.c	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	130.58	sqm
5.d	Beams, lintels, cantilevers & walls	39.00	sqm
6	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)	4.92	cum
7	super structure 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)	16.22	cum
8	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.	31.80	cum
9	Providing and laying damp proof course (upto 50mm thick) with plain cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded crushed stone aggregate 20mm nominal size) including formwork	0.32	sqm
10	Providing and fixing steel door with M.S. sheet 1mm thick, frame of angle iron, diagonal braces of .. all necessary fittings complete including applying a priming coat of red oxide zinc chromate primer..	127.20	kg
11	Providing and fixing M.S. grill of approved pattern made of M.S. flats or square or round bars welded to steel frame of windows etc. including applying a priming coat of red oxide zinc chromate primer..	43.20	kg
12	6 mm thick cement plaster of mix: In Cement Mortar 1:4 (1 cement : 4 fine sand)	81.08	sqm
13	12mm thick cement plaster of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand)		

14	15mm thick cement plaster of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand)	85.20	sqm
15	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.	114.00	sqm
17	Distempering with acrylic washable distemper to give an even shade: on new work.(two or more coats)	60.40	sqm
18	Painting new exterior surface (two or more coats) with PREMIUM TEXTURED paint as per manufacturer's specifications to give protective and decorative finish including cleaning washing of surface etc. complete with: On new work (Two or more coats)	166.28	sqm
19	Painting on new work (two or more coats) to give an even shade with.Premium synthetic enamel paint (2nd top most approved branded quality) to give an even shade .	114.00	sqm
		21.36	sqm
फुटपाथ निर्माण कार्य ।			
1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose..upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. In all types of soil	23.00	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.	11.50	cum
3	Providing & laying 60mm thick precast interlocking concrete blocks of approved .. over 40 mm thick .. 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	115.00	sqm
4	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).	4.18	cum
चेनलिक फेंसिंग कार्य ।			
1	Excavation of all types of soils for all types size of foundations and drains i/c Dressing and leveling of pits.	70.40	cum
2	Providing and laying mechanically mixed cement concrete with 40mm nominal size inplinth and foundation. 1:4:8	8.80	cum
3	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).	17.37	cum
4	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 FE 415	105.00	kg
5	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:Foundations, footings, base of columns and plinth beam in any shape and size.		
6	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)	64.00	sqm
7	12 mm Thick Cement Plaster of mix: In C.M. 1:5 (1 Cement : 5 Sand)	16.00	cum
		192.00	sqm

8	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		
		1280.54	kg
9	Painting on new work (two or more coats) to give an even shade with. Aluminium paint.		
		62.56	sqm
10	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.		
		300.00	kg
11	Painting new exterior surface (two or more coats) with PREMIUM TEXTURED paint as ...finish including cleaning washing of surface etc. complete with:On new work (Two or more coats)		
		240.00	sqm
12	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		
		176.00	sqm
13	Providing and planting following herbs in garden including preparation of soil, base plantation, providing and spreading different fertiliers, soil and sand: Hedges like Alife, Dorenta, Tikoma etc		
		100.00	each
14	Lettering with black Japan paint, per cm height.		
		1200.00	Per Ltr.
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  ASSTT.ENGINEER Nagar Palik Nigam, Bhilai </div> <div style="text-align: center;">  SUB ENGINEER Nagar Palik Nigam, Bhilai </div> </div>			