

MUNICIPAL CORPORATION OF BHILAI

NIT

कार्य का नाम – जोन क्रमांक 01 अंतर्गत कुसुम कानन उद्यान में भवन संधारण, चैनलिंग संधारण एवं पोताई कार्य।

As Per PWD Building &ELEC SOR 2020,

S.N.	PARTICULARS OF ITEMS	Quantity	UOM
1	Demolishing R.C.C. work including stacking of steel bars and disposal of unserviceable material within 50 metre lead.	0.90	CUM
2	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: 2.1.1 Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level	3.00	SQM
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.1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	0.90	CUM
4	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 10 mm dia as per requirement including priming coat with red oxide zinc chromate primer and placing the post/ strut in cement concrete block.	68.40	Kg
	L 50x50 x 5 mm@ 3.8kg/m		
5	Structural steel work in single section including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.	88.00	Kg
	for light frame		

h b

6	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
7	providing and fixing steel door 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 pkates at junctions and corners, all necessary fitting complete including applying a priming coat of red oxide zine chromate primer..	137.40	Kg
8	providing and fixing M.S grill of approved pattern made of M.S flats or squire or round bars welded to steel frame of windows etc. including applying a priming coat of red oxidezine chromate primer..	43.20	kg
9	12 mm thick cement plaster of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand)	21.00	Sqm
10	15 mm thick cement plaster of mix: in Cement Mortar 1:6 (1 cement : 6 fine sand)	19.00	Sqm
11	Providing and laying vitrified floor tiles with soluble salt printing, of size 600x600mm with water absorption less than 0.5% and onforming to IS: 15622 of 8 approved make, laid on 20mm thick cement mortar 1:4 (1 cement: 4 coarse sund) including grouting the joints with white cement and matching pigments etc. complete.	20.00	Sqm
12	Distempering with acrylic washable 9 distemper to give an even shade: on new work.(two or more coats)	200.00	Sqm
13	Wall painting with acrylic luxury emulsion (plastic) paint of required shade to give an even shade. On new work (two or more coats)	1050.00	Sqm
14	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.	67.50	Sqm

u o

15	Providing and fixing ceramic glazed wall tiles conforming to IS: 15622 of approved make, colours, shades and size on wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with matching pigment complete. Size upto 200x300mm	46.20	Sqm
16	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), bitumen and G.I. limpet washers or with G.I. 13 limpet washers filled 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.	39.00	Sqm
17	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 1:15:3 (1 cement: 1 coarse sand: 3 graded stone aggregate 20mm nominal size)	1.00	cum
18	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.	32.00	cum
	1:4:8 (1 cement: 4 coarse sand: 8 graded stone aggregate 40mm nominal size).		
	Under Shed Area		
19	Cement concrete flooring with cement concrete 1:2:4 (1 cement: 2 coarse sand : 4 graded stone aggregate 20mm) finished with a floating coat of neat cement.50 mm Under Shed Area	160.00	sqm

u p