

MUNICIPAL CORPORATION OF BHILAI

NIT


कार्य का नाम :- वार्ड कं. 70 हुडको मे आंगनबाडी भवन निर्माण कार्य।

AS PER S.O.R:-SCHEDULE OF RATES PUBLIC WORK DEPARTMENT (01/01/2015)

S.	Particulars of Items	Quantity	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 soil Column Step toilet	27.38	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. 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size). Column Hall Store & Kitchen Varandah toilet	6.41	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). Column Column FootingL (1.10*1.10+0.23+0.3)/2=0.64 Column up to plinth beam plinth beam LW plinth beam SW Lintal beam LW chajja Column plinth to slab level Roof Beam T-Beam Slab toilet	19.00	Cum
4	Foundations, footings, base of columns and plinth beam in any shape and size. Column footing Column up to plinth beam Plinth beam out side	51.78	Sqm
5	Columns, beams & walls- circular or any other geometrical shape other than square and rectangular in all sizes Column plinth to slab Lintal beam out sideChhajja Roof Beam Outer T-Beam	69.52	Sqm
6	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ) Slab	58.14	Sqm
7	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	2659.38	Kg
8	Brick work with modular well burnt clay bricks of crushing strength not less than 35 kg/sqcm and water absorption not more than 20% in foundation and plinth in (:Cement Mortar 1:6 (1 Cement : 6 Coarse Sand) up to plinth beam LW toilet wall	6.66	Cum

9	Brick work with modular well burnt clay bricks of crushing strength not less than 25 kg/sqcm and water absorption not more than 20% in SUPER STRUCTURE in: Cement Mortar 1:6 (1 Cement : 6 Coarse Sand)LW SW Deduction opening Column Door Window Ventilation After deduction	21.61	Cum
10	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. Wall Column	0.43	Cum
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.	26.12	Cum
12	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 Door Window Grill	660.00	Kg
13	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.. Window Grill Ventilation	270.00	Kg
14	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) Out side L WindowW SW Deduction opening DoorVentilation	109.07	Sqm
15	Providing and making 12mm thick cement plaster of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand) toilet wall Deduction opening After deduction	190.27	Sqm
16	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.	43.54	Sqm
17	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	8.40	Sqm
18	Providing and laying rectified ceramic glazed floor tiles of size 300x300mm and above conforming to IS : 15622 of approved make, colour, shade laid on 20 mm thick Cement Mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc., complete	4.40	Sqm

19	Applying one coat of cement primer on wall surface (applied @ 0.80 litres/10 sqm) complete.	300.00	Sqm
20	Wall painting with acrylic luxury emulsion (plastic) paint of required shade to give an even shade.	109.00	Sqm
21	Painting on new work (two or more coats) to give an even shade with: Satin synthetic enamel paint Door Window Window Grill Ventilation	43.49	Sqm
22	wall painting	25.00	Sqm
23	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.)	10.80	cum
24	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.	5.40	Cum
25	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	62.10	SQM
26	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).	1.38	Cum
27	Carriage by mechanical transport upto 5 km lead: 1.26.1 Earth	4.28	Cum


Asstt. Engineer
Municipal Corporation
Bhilai(C.G.)


Sub Engineer
Municipal Corporation
Bhilai (C.G.)