

MUNICIPAL CORPORATION OF BHILAI

NIT

वाडे क्र. 39 खुसीपार गिलाई में शासकीय आंगनबाड़ी भवन मरम्मत एवं प्रकाश व्यवस्था कार्य।

SN	PARTICULARS OF ITEMS	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.	55.84	Cum
2	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).	8.52	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).	22.49	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) + Extra for laying PCC RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth.	7.60	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 Qty. Of RCC 100.00Kg	3008.00	kg
6	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete, and including its removal at all levels, for:		
(A)	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.	78.00	sqm
(B)	Columns, Pillars, Piers and likes- rectangular or square in shape	60.00	sqm
(C)	Beams, lintels, cantilevers & walls	40.00	sqm
7	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20. m in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete	25.92	cum
8	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)	4.00	cum
9	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 + Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth.	33.25	cum
10	Providing and making 12mm thick cement plaster of mix: In Cement mortar 1:1 (1 cement : 4 fine sand)	200.00	Sqm
11	Providing and making 12mm thick cement plaster of mix: In Cement mortar 1:4 (1 cement : 4 fine sand)	414.40	Sqm
11	Painting exterior surface with SMOOTH exterior emulsion paint manufactured with th cow dung processing to give protective and decorative finish including cleaning washing of surface etc. complete with : On new work (Two or more coats applied @ 1.43 ltr/ 10 sqm over)		
	As Per Qty. of 12mm - 15 mm Thick Plaster	400.00	sqm
12	Providing and making 6mm thick cement plaster of mix: In Cement mortar 1:3 (1 cement : 3 fine sand)	73.90	sqm
13	Providing and making 12mm thick cement plaster of mix: In Cement Mortar 1:5 (1 cement : 5 fine sand)	199.68	sqm
14	Providing and applying 2mm thick ready mix exterior grade approved make putty (like Birla wall care, Allic, Superline W/R of (NCL), Asian, ICI, Nerolac, J.K. wall putty) on walls to make the surface smooth and even.		

SN	PARTICULARS OF ITEMS	QTY.	UNIT
	As per Qty. of 6mm+12mm thick plaster	273.58	sqm
15	Providing and laying vitrified floor tiles with double charge/ multi charge printing with water absorption less than 0.5% and conforming to IS : 15622 of approved make in all colours and shades and size mentioned below (+/- 10mm), 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. Size 600x600mm	18.50	sqm
16	Painting exterior surface with PREMIUM ACRYLIC SMOOTH 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 (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)		
	As per Qty. of 15mm thick plaster	214.40	sqm
17	Distemper with acrylic washable distemper to give an even shade. On new work (Two or more coats)		
	As per Qty. of putty	273.58	sqm
18	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 welded to frame with all necessary fitting complete including applying a priming of red oxide zinc chromate primer.	104.00	kg
19	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.	7.84	kg
20	Painting on new work (two or more coats) to give an even shade with: Satin synthetic enamel paint	13.20	sqm

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