

# MUNICIPAL CORPORATION BHILAI

NIT

## वार्ड क्र. 46 नहर किनारे पचरी निर्माण एवं शेड निर्माण कार्य।


(AS PER PWD BUILDING/ROAD SOR 01-01-2015 & ELECTRICAL SOR 01.06.2020)

S. NO.	DETAILS OF ITEM	QTY.
1.	Excavation for all types and size of foundation, trenches and drains or for any other purpose ---- lift and lead upto 50m including dressing and leveling of pits.	40.58 m <sup>3</sup>
2.	Providing and laying mechanically mixed cement concrete with crushed stone aggregate excluding cost of centering and shuttering 1:4:8	15.82 m <sup>3</sup>
3.	Providing and fixing form work 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.	31.56 m <sup>3</sup>
4.	Providing and fixing form work including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Columns, Pillars, Piers and likes- rectangular or square in shape	10.08 m <sup>3</sup>
5.	Providing and fixing form work including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Beams, lintels, cantilevers & walls	15.28 m <sup>3</sup>
6.	Providing and fixing form work including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	12.60 m <sup>3</sup>
7.	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. 1:1 ½ :3	7.21 m <sup>3</sup>
8.	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, ----- including cost of binding wire all complete.TMT	721.00 Kg.
9.	Providing and filling in plinth with sand/Crusher dust and hard moorum under floor,----- cost of all labour, materials, T & P etc. complete required for the work.	13.06 m <sup>3</sup>
10.	Brick work with modular fly-ash lime bricks (FALG Bricks) confirming to IS:12894-2002 of class designation 40 in foundation and plinth in :Cement Mortar 1:6 :	0.62 m <sup>3</sup>
11.	Brick work with modular fly-ash lime bricks (FALG Bricks) confirming to IS:12894-2002 of class designation 40 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:	4.36 m <sup>3</sup>
12.	Providing and making 12mm thick cement plaster of mix: In Cement Mortar 1:5 (1 cement : 5 fine sand)	45.36 m <sup>2</sup>
13.	Providing and making 6mm thick cement plaster of mix: In Cement mortar 1:3 (1 cement : 3 fine sand)	8.50 m <sup>2</sup>
14.	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix: In Cement Mortar 1:5 (1 cement : 5 fine sand)	39.00 m <sup>2</sup>
15.	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)	47.50 m <sup>2</sup>
16.	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.	157.50 Kg

17	Painting on new work (two or more coats) to give an even shade with: Satin synthetic enamel paint	4.60 m <sup>2</sup>
18	Providing and laying ceramic glazed floor tiles conforming to IS : 15622 of approved size, 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. Size 300x300mm	7.20 m <sup>2</sup>
19	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	45.36 m <sup>2</sup>
20	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).	27.00 m <sup>3</sup>
21	Chequered precast cement concrete tiles 22mm thick in footpath & courtyard jointed with neat cement slurry mixed with pigment to match the shade of tile including cleaning of joint etc complete on 20 mm thick bed of cement mortar 1:4 (1 cement :4 coarse sand) : Dark shade using ordinary cement	117.00 m <sup>2</sup>
22	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).	19.80 m <sup>3</sup>



**Executive Engineer**  
Municipal Corporation  
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**Assistant Engineer**  
Municipal Corporation  
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**Sub Engineer**  
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