

# MUNICIPAL CORPORATION BHILAI

NIT

सार्वजनिक सामुदायिक भवन निर्माण नहर के पास छावनी, भिलाई

(AS PER PWD BUILDING SOR 01-01-2015 & ELECTRICAL SOR 01.07.2015)

SN	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.	36.22 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	9.22 m <sup>3</sup>
3.	Providing and filling in plinth with sand/Crusher dust and hard moorum under floor, including ---- cost of all labour, materials, T & P etc. complete required for the work.	10.00 m <sup>3</sup>
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. 1:1 ½ :3	25.67 m <sup>3</sup>
5.	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, ---- including cost of binding wire all complete. Thermo-Mechanically treated bars.	2181.95 Kg.
6.	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	2.74 m <sup>3</sup>
7.	Brick work with modular fly-ash lime bricks (FALG Bricks) confirming to IS:12894-2002 of class designation 40 Cement Mortar 1:6 Extra for brick work in superstructure: Above plinth and upto floor five level	15.33 m <sup>3</sup>
8.	Providing and fixing formwork i/c centering, shuttering, strutting, staging, propping bracing etc. --, footings; base of columns and plinth beam in any shape and size	18.48 m <sup>2</sup>
9.	Providing and fixing of formwork including centering, shuttering, strutting, staging, propping, bracings etc. -- plinth level. Columns- rectangular or square in shape	54.00 m <sup>2</sup>
10.	Providing and fixing form work including centring, 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)	60.64 m <sup>2</sup>
11.	Steel work welded in built-up section trusses and framed work i/c cutting, hoisting, fixing in position and applying a priming coat of red lead paint.	333.96 Kg
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 primer.	246.00 Kg
13.	Providing & Laying damp proof course (up to 50mm thick) with plain cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded crushed stone aggregate 20mm nominal size) including formwork.	0.270 m <sup>2</sup>
14.	6mm thick cement plaster a) In Cement mortar 1:3	60.64 m <sup>2</sup>
15.	12mm thick cement plaster for cm 1:5 i/c neat cement punning.	91.36 m <sup>2</sup>
16.	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)	90.36 m <sup>2</sup>
17.	White washing with whiting to give an even shade. On new work (Three or more coats)	255.96 m <sup>2</sup>
18.	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.	54.50 m <sup>2</sup>

19.	Painting on new work (two or more coats) to give an even shade with: Satin synthetic enamel paint	28.26 m <sup>2</sup>
20.	Providing and applying 2mm thick ready mix exterior grade approved make putty (like Birla wall care, Alltek Superfine W/R of (NCL), Asian, ICI, Nerolac, J.K. wall putty) on walls to make the surface smooth and even.	125.00 m <sup>2</sup>
21.	<u>Electrification work</u> As per electrical Sor 01.06.2020	10000.00 L-S

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