

# NAGAR PALIK NIGAM BHILAI

NIT

पार्षद निधि अंतर्गत वार्ड क्र.-15 अम्बेडकर नगर स्थित अम्बेडकर भवन के सामने चबूतरा निर्माण कार्य।

AS PER PWD BUILDING S.O.R 01.01.2015

SN	PARTICULAR	QTY	UNIT
1	Excavation for all types and sizes of foundations, trenches and drains or for .....upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.In all types of soil		
		10.92	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. 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).		
		4.32	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).		
		8.15	cum
4	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: Cold twisted bar / Hot rolled deformed steel		
		815.32	kg
5	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:		
5.a	Foundations, footings, base of columns and plinth beam in any shape and size.		
		17.84	sqm
5.b	Columns, Pillars, Piers and likes- rectangular or square in shape		
		8.40	sqm
5.c	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)		
		117.55	sqm
5.d	Beams, lintels, cantilevers & walls		
		23.20	sqm
6	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)		
		3.72	cum
7	super structure 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)		
		4.62	cum
8	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.		
		11.78	cum
9	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		
		0.22	sqm
10	6 mm thick cement plaster of mix: In Cement Mortar 1:4 (1 cement : 4 fine sand)		
		51.76	sqm
11	12mm thick cement plaster of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand)		
		23.10	sqm
12	15mm thick cement plaster of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand)		
		37.60	sqm

13	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.		
		28.40	sqm
14	Distemping with acrylic washable distemper to give an even shade: on new work.(two or more coats)		
		60.00	sqm
15	Painting new exterior surface (two or more coats) with PREMIUM TEXTURED paint 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.)		
		80.00	sqm
15	Providing stainless steel railing/ grill made of S.S. flats, hollow S.S. pipe or square/ rectangular sections of approved design fixing in stair case, balcony or other places with metal fasteners and stainless steel bolts etc complete. SS Grade 304		
		90.00	kg

ASST. ENGINEER

Nagar Palik Nigam, Bhilai

SUB ENGINEER

Nagar Palik Nigam, Bhilai