

MUNICIPAL CORPORATION OF BHILAI


NIT

शासकीय स्वामी आत्मानंद स्कूल खुर्सीपार हेतु पेयजल हेतु वाटर कूलर 01 नग
प्रदाय कार्य।


(As Per PWD Building SOR 01.01.2015 & Electrical SOR 01.06.2020)

S.N.	Item Code	PARTICULARS OF ITEMS	Quantity	UOM	Amount
1	1.1.1	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.			
			0.43		
			0.43	Cum	
2	3.1.2	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).			
			0.29		
			0.29	Cum	
3	7.5.4	Brick work with modular fly-ash lime bricks (FaLG Bricks) conforming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: Cement Mortar 1:6 (1 cement : 6 coarse sand)			
			0.58		
			0.58	Cum	
4	1.18	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.			
			0.86		
			0.86	Cum	
5	3.1.5	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).			
			0.29		
			0.29	Cum	
6	9.15	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.			
			500.00		
			500.00	Kg	
7	11.2.3	Providing and making 12mm thick cement plaster of mix: In Cement Mortar 1:5 (1 cement : 5 fine sand)			
			2.88		
			2.88	Sqm	
8	12.9.1	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			

Item Code	PARTICULERS OF ITEMS	Quantity	UOM	Amount
		1.44		
		1.44	Sqm	
9	12.7.1	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		
		2.88		
		2.88	Sqm	
10	19.42	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank		
		250.00		
		250.00	Litre	
11	19.9.3	Providing and laying in trenches G.I. pipes medium class complete with G.I. fittings including excavation of trenches, refilling the same and testing of joints complete: 25 mm dia. nominal bore		
		43.00		
		43.00	Metre	
12	24.23.3	Supplying, installation, testing and commissioning of following size drinking water cooler storage type ISI marked, eco friendly non CFC refrigerant, water tank and cooler cabinet sheet material- stainless steel {grade AISI 304} with thickness \geq 0.8 mm, with PUF insulation including all accessories connection etc complete as per specification. 150/150 Ltrs/hr		
		1		
		1	Each	


Executive Engineer
Municipal Corporation
Bhilai

Assistant Engineer
Municipal Corporation
Bhilai


Sub Engineer
Municipal Corporation
Bhilai