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MUNICIPAL CORPORATION OF BHILAI

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वार्ड 06 सुपेला (नया वार्ड-16) में स्थित शासकीय प्राथमिक कन्या शाला (22100717703) का संधारण कार्य।

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

S.NO	PARTICULAR	QTY	UNIT
1	Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead. In cement mortar.		
		5.00	cum
2	Dismantling bricks laid flat or on edge (each layer), or cement concrete tiles in flooring or over roofs in cement/lime mortar including stacking of serviceable material and disposal of unserviceable material within 50 metre lead.		
		30.00	Sqm
3	Repairs to plaster in patches of area 2.5 sq. metres and under including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls with cement mortar 1:4 (1 cement : 4 fine sand) complete including disposal of rubbish to the dumping ground within 50metres lead :		
		42.00	Sqm
4	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		
		60.00	kg
5	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) Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:		
		2.08	sqm
6	25mm thick Local RAJIM/ Red Flag stone slab in riser of steps, skirting, dado and pillars laid on 12mm (Average) thick cement mortar 1:4 (1 cement : 4 coarse sand) and joint with grey cement slurry mixed with pigments to match the shade of the slab i/c grinding, rubbing and polishing.		
		9.00	Sqm
7	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).		
		0.27	Cum
8	Cement concrete flooring with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm) finished with a floating coat of neat cement.		
		72.00	Sqm
9	15mm thick Granite work (machine cut, table rubbed & mirror polished) for wall lining (vener work) in cement mortar 1:3 (1 cement : 3 coarse sand) including pointing with cement mortar 1:2 (1 white cement: 2 marble dust) mixed with matching pigment. (Area of slab should be over 0.5 sqm). Granite stone black		
		4.24	Sqm
10	Providing and making 12mm thick cement plaster of mix: In Cement Mortar 1:6(1 cement : 6 fine sand)		
		81.36	Sqm
11	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 200x300mm		
		45.00	Sqm

12	Providing and fixing white vitreous china laboratory sink with C.I. brackets, C.P. brass chain with rubber plug 40mm C.P brass waste and 40mm C.P. brass trap with necessary C.P. brass unions complete including painting of brackets, cutting and making good the wall wherever required : Size 600x450x200mm	2.00	Each
13	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:	40.00	Mtr
	20 mm dia. nominal bore	50.00	Mtr
	25 mm dia. nominal bore		
14	Providing and fixing 15 mm nominal bore Brass bib/stop cock of approved quality: Bib cock (250 grams)	4.00	Each
15	Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS 8931 including C.P. brass extension if required:		
	Soap dish plate	3.00	Each
	Towel rail (600mm long x 20mm dia)	3.00	Each
17	Providing and fixing double glazed hermetically sealed glazing in aluminium windows, ventilators and partition etc. with 6 mm thick clear float glass both side having 12 mm air gap including providing EPDM gasket, perforated aluminium spacers, desiccants, sealant (Both primary and secondary sealant) etc. complete.	6.30	sqm
18	Providing and applying for old work or existing old putty (manufactured with cow dung processing) on walls to make the surface smooth and even.	2000.00	sqm
19	Wall painting with acrylic premium emulsion (plastic) manufactured with the cow dung processing emulsion paint of required shade to given an even shade. On old work (one or more coats)	2000.00	sqm
20	Painting on old work (one or more coats) to give an even shade with: Satin synthetic enamel paint		
		32.76	sqm
21	Providing and fixing "NETLON insect screens" with 25mm wide Hook and loop tape all around to wooden/ aluminium/ steel windows, ventilators and the like complete	12.00	sqm
22	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.	60.00	sqm
23	Providing and fixing aluminium work for doors, windows, ventilators and made out of extruded aluminium standard sections (main.....mitred and jointed mechanically including aluminium cleats, neoprene weather stripping gasket beveled edge beading, screws duly fixed in wall/ floor with fixing clips or hold fasteners or bolts For fixed portion	80.00	Kg
24	For shutter of doors, windows & ventilators including providing and making provision for fixing of fitting wherever required including the cost of PVC/ neoprene gasket required (Fittings shall be paid for separately).	150.00	Kg
25	Providing and fixing steel door/ window with M.S. sheet 1mm thick, frame of angle iron, diagonal braces of ..necessary fittings complete including applying a priming coat of red oxide zinc chromate primer.		

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	Painting exterior surface with SMOOTH exterior emulsion paint of manufacturerd with cow dung processing to give protective and decorative finish including cleaning washing of surface etc. complete with; On old work (One or more coats applied @ 0.83 ltr/ 10 sqm)	300.00	Kg
		520.00	Sqm
27	Lettering with black Japan paint, per cm height.	1800.00	per letter
			
	ASSTT.ENGINEER		
	Nagar Palik Nigam, Bhilai		
			
	SUB ENGINEER		
	Nagar Palik Nigam, Bhilai		