

MUNICIPAL CORPORATION OF BHILAI

NIT

कार्य का नाम :- वार्ड क्रमांक 13 में मंगल बाजार कोहका में सामुदायिक शौचालय का संधारण कार्य।

(As Per PWD Building SOR 01.01.2015 & Electric SOR 01 06.2020, Non Sor Item)

S.N.	PARTICULERS OF ITEMS	Quantity	UOM
1	Demolishing R.C.C. work including stacking of steel bars and disposal of unserviceable material within 50 metre lead.	0.54	Cum
2	Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead. In cement mortar.	3.00	Cum
3	Dismantling terrazzo or mosaic or glazed vitreous or patent cement or tiled flooring or dado skirting of any thickness without sub base.	50.00	Sqm
4	Dismantling lime/ cement plaster or skirting at any height raking out joints and cleaning the surface for plaster including disposal of rubbish within 50 metres lead.	300.00	Sqm
5	Dismantling doors chowkhats with shutters (steel or wood) including architrave, hold fast etc. complete and stacking within 50 metres lead.	10.00	Each
6	Dismantling windows chowkhats with shutters (steel or wood) including architrave, hold fast etc. complete and stacking within 50 metres lead.	10.00	Each
7	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.	0.75	Cum
8	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).	0.15	Cum
13	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.	0.90	Cum
14	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)	0.20	Cum
16	Providing and making 6mm thick cement plaster of mix: In Cement mortar 1:3 (1 cement : 3 fine sand)	7.50	Sqm

S.N.	PARTICULARS OF ITEMS	Quantity	UOM
17	Providing and making 12mm thick cement plaster of mix: In Cement mortar 1:5 (1 cement : 5 fine sand)	16.50	Sqm
18	Providing and making 15mm thick cement plaster of mix: In Cement mortar 1:6 (1 cement : 6 fine sand)	39.00	Sqm
19	Neat Cement punning	70.00	Sqm
20	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.	45.00	Sqm
25	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.	50.00	Kg
26	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.	904.80	Kg
27	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	10.00	Kg
	40 mm dia		
29	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.	45.50	Sqm
30	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.	1.00	Sqm
31	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.	6.00	Sqm

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 hequered precast cen
 & courtyard jointed with
 to match
 the shade of tile incl
 mm thick bed of c
 Dark shade
 Prov:
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UOM	PARTICULERS OF ITEMS	Quantity	UOM
Sqm	Required 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	8.00	Sqm
34	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).	0.13	Cum
35	Providing and applying 2 mm thick ready mix exterior grade putty (manufactured with cow dung processing) on walls to make the surface smooth and even	9.00	Sqm
37	Wall painting with premium emulsion (plastic) manufactures with the cow dung processing emulsion paint of required shade to give an even shade One old work (One or more coats) As Per Qty. of 15 mm Thick Plaster	40.00	Sqm
38	Distemping with washable distemper manufacture with the cow dung processing to give an even shade	250.00	Sqm
	One new work (Two or more coats)	250.00	Sqm
39	Distemping with washable distemper manufacture with the cow dung processing to give an even shade	350.00	Sqm
	One old work (One or more coats)		
40	Painting on new work (two or more coats) to give an even shade with: Premium synthetic enamel paint.	25.20	Sqm
	For Electrification	15000.00	Rs
	For Water supply & Sanitation work	14000.00	Rs

Executive Engineer
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Asstt. Engineer
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Sub. Engineer
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