

MUNICIPAL CORPORATION BHILAI NIT

कार्य का नाम :- वार्ड क्रमांक 37 सब्जी मंडी सुलभ में स्थित केयर टेकर रूम का पुनर्निर्माण कार्य।

Based on PWD/SOR 1-01-2015 (building works) Electrification Work 1.6.2020

Item No.	Particulars of item	Qty.	Unit
1	2	3	4
1	Demolishing R.C.C. work including stacking of steel bars and disposal of unserviceable material within 50 metre lead.	2.79	m ³
2	Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead. In cement mortar.	10.56	m ³
3	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.	19.26	m ³
4	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).	3.14	m ³
5	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.	12.80	m ³
6	Providing and laying nominal mix reinforced 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). SOR Item No. 3.2.1	3.39	m ³
7	Providing and laying nominal mix reinforced 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). Extra for laying PCC/RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:	5.60	m ³
8	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 in foundation and plinth all complete:	899.00	kg
9	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) SOR Item No 7.5.4	3.20	m ³

Item No.	Particulars of item	Qty.	Unit
1	2	3	4
10	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) SOR Item No 7.5.4	12.80	m ³
11	Providing & fixing of form work l/c centering ,shuttering ,strutting, staging ,Proping bracing etc. complete & removal upto 4 m height	3.84	sqm
12	Columns, Pillars, Piers and likes- rectangular or square in shape	12.80	m ²
13	Beams, lintels, cantilevers & walls	32.00	m ²
14	Weather shade, chhajja, Cornices and mouldings	7.20	m ²
15	Providing and making 6mm thick cement plaster of mix:In Cement mortar 1:4 (1 cement : 4 fine sand)	16.00	m ²
16	Providing and making 12mm thick cement plaster of mix In Cement Mortar 1:6 (1 cement : 6 fine sand)	52.80	m ²
17	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:In Cement Mortar 1:6 (1 cement : 6 fine sand)	64.00	m ²
18	Painting exterior surface with PREMIUM ACRYLIC SMOOTH exteriorpaint of required shade as per manufacturer's specifications to giveprotective and decorative finish including cleaning washing of surface etc.complete with:On new work (Two or more coats applied @ 1.43 ltr/ 10 sqm over andincluding priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)	64.00	Sqm
19	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.	68.80	sqm
20	Painting on new work (two or more coats) to give an even shade with: Satin synthetic enamel paint. SOR Item No 14.22.1	18.12	m ²
21	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 (1cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete.	16.00	Sqm
22	Providing and fixing ceramic glazed wall tiles conforming to IS : 15622of approved make, colours, shades and size on wall and dados over 12mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) andjointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with matching pigment complete.Size above 200x300mm	16.00	Sqm
23	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. SOR Item No .9.13	173.00	kg

Item No.	Particulars of item	Qty.	Unit
1	2	3	4
25	Providing and fixing M.S. grill of approved pattern made of M.S. flats 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. SOR Item No 9.15	178.00	KG
26	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2mm and braced with flat iron diagonals 20x5mm size with top and bottom rails of T-iron 40x40x6mm with 38mm steel pulleys complete with bolts, nuts, locking arrangement stoppers, handles including applying a priming coat of red oxide zinc chromate primer.	4.20	Sqm
27	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. 50 mm thick	16.00	Sqm

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