

MUNICIPAL CORPORATION OF BHILAI

NIT

वार्ड क्र. 39 सुभाष नगर, स्वीपर मोहल्ला में अटल आवास का संधारण कार्य।

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

| 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. | 6.60 | Cum |
| 2 | Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead. In cement mortar | 4.54 | Cum |
| 3 | 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 |
| 4 | Demolishing cement concrete including disposal of material within 50 metre lead. 1:4:8 or leaner mix | 10.98 | Cum |
| 5 | 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. | 27.17 | Cum |
| 6 | 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). | 1.94 | Cum |
| 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). | 13.200 | Cum |
| 8 | 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: | 31.800 | Cum |
| 9 | 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: Thermo-Mechanically treated bars | 3600.00 | Kg |
| 10 | Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: | 44.00 | Sqm |
| (A) | Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level. | | |
| (B) | Beams, lintels, cantilevers & walls | 26.40 | Sqm |
| (C) | Columns, Pillars, Piers and likes- rectangular or square in shape | 12.00 | Sqm |
| (D) | Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ) | 90.40 | Sqm |
| 11 | 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. | 9.60 | Sqm |
| 12 | 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) | 7.68 | Cum |
| 13 | 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: | 13.44 | Cum |
| 14 | Providing and making 6mm thick cement plaster of mix: In Cement mortar 1:3 (1 cement : 3 fine sand) | 704.00 | Sqm |
| 15 | Providing and making 12mm thick cement plaster of mix: In Cement mortar 1:5 | 360.00 | Sqm |

| S.N. | PARTICULERS OF ITEMS | Quantity | Unit |
|------|---|-----------|------|
| 16 | Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix: In Cement mortar 1:5 | 360.00 | Sqm |
| 17 | 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. | 151.20 | Kg |
| 18 | Wall painting with premium emulsion (plastic) manufactured with the cow dung processing emulsion paint of required shade to give an even shade. On new work (two or more coats) | 1064.00 | Sqm |
| 19 | Painting exterior surface with SMOOTH exterior emulsion paint manufactured with th cow dung processing to give protective 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) | 360.00 | Sqm |
| 20 | Painting on new work (two or more coats) to give an even shade with: Satin synthetic enamel paint | 43.74 | Sqm |
| 21 | 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 | 28.80 | Sqm |
| 22 | 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. | 14.40 | Sqm |
| 23 | 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 | 255.00 | Sqm |
| 24 | Add 15% For Electrification, Water Supply & Sanitary Work | 130498.00 | LS |

Executive Engineer
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Assistant Engineer
Municipal Corporation
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Sub Engineer
Municipal Corporation
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