


MUNICIPAL CORPORATION BHILAI (C.G.)

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कार्य का नाम-- वार्ड कं. 65 सेक्टर 07 पूर्व माध्यमिक शाला का संधारण कार्य।


| As per Building sor 01-01-2015& Elec.sor 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. | 2.00 | 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. | 12.20 | 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 : | 35.00 | 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 SS Grade 304 | 50 | 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: | 1.84 | cum |
| 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. | 17.00 | sqm |
| 7 | 3.1 Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth levelexcluding cost of form work.3.1.5 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size) | 0.27 | cum |
| 8 | 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 | 38.88 | sqm |
| 9 | Providing and making 12mm thick cement plaster of mix In Cement Mortar 1:6 (1 cement : 6 fine sand) | 81.36 | sqm |
| 10 | Providing and fixing steel door/ window with M.S. sheet 1mm thick, fram of angle iron, diagonal braces of angle/ flat iron of suitable size, 3.00 M.S. gusset plates at junctions and corners, all necessary fitting complete including applying a priming coat of red oxide zinc chromate primer. | 200.00 | kg |
| 11 | 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 | | |
| | | 1.00 | each |



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| 12 | 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: | | |
| | 20 mm dia. nominal bore | 40.00 | mtr |
| | 25 mm dia. nominal bore | 50.00 | mtr |
| 13 | Providing and fixing 15 mm nominal bore Brass bib/stop cock of approved quality: | | |
| | Bib cock (250 grams) | 4.00 | each |
| 14 | 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 |
| 15 | 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. | 22.05 | sqm |
| 16 | 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 | 1300.00 | sqm |
| 17 | Distempering with washable distemper manufacture with the cow dung processing to give an even shade One new work (Two or more coats) | 1700 | sqm |
| 18 | One new work (Two or more coats applied @1.43 ltr/10 sqm over) | 174 | sqm |
| 19 | Painting on old work (one or more coats) to give an even shade with: Satin synthetic enamel paint | 32.76 | sqm |
| 20 | Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all-round S.W. pipes including bed concrete 150mm thick as per standard design: 100 mm diameter S.W. pipe | 54.00 | mtr |
| 21 | 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. | 18.80 | cum |
| 22 | 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. | 5.40 | cum |
| 23 | 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). | 0.40 | cum |

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| | 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). | 0.32 | cum |
| 25 | 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: | 0.82 | cum |
| 26 | 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: Thermo-Mechanically treated bars FE 415 | 91.20 | kg |
| 27 | Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level | 3.20 | sqm |
| 28 | Beams, lintels, cantilevers & walls | 1.60 | sqm |
| 29 | Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ) | 4.84 | sqm |
| 30 | Providing and laying damp proof course (upto 50mm thick) with plain cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded crushed stone aggregate 20mm nominal size) including form work. | 0.08 | cum |
| 31 | 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) | 2.56 | |
| 32 | Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth: | 0.80 | sqm |
| 33 | Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix: In Cement Mortar 1:5 (1 cement : 5 fine sand) | 50.00 | sqm |
| 34 | Providing and making 6mm thick cement plaster of mix: In Cement mortar 1:3 (1 cement : 3 fine sand) | 50.00 | sqm |
| 35 | Applying one coat of cement primer on wall surface (applied @ 0.80 litres/10 sqm) complete. | 161.20 | sqm |
| 36 | Wall painting with acrylic luxury emulsion (plastic) paint of required shade to give an even shade. On old work (one or more coats) | 161.20 | sqm |
| 37 | 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 | 30.00 | sqm |
| 38 | 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). | 42.00 | kg |
| 39 | Providing and laying vitrified floor tiles with double charge/ multi charge printing with water absorption less than 0.5% and conforming to IS : 15622 of approved make in all colours and shades and size mentioned below (+/- 10mm), 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. Size 600x600mm | 298.00 | sqm |
| 40 | 6 % for electric water supply & sanitary work | | |


Asstt. Engineer
Municipal Corporation
Bhilai (C.G.)


Sub-Engineer
Municipal Corporation
Bhilai (C.G.)