

MUNICIPAL CORPORATION OF BHILAI

NIT

वार्ड 33/48 पीडीएस भवन के पास अधूरे जिम भवन को पूर्ण करने का कार्य।

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

| S.N. | PARTICULERS OF ITEMS | Quantity | UOM |
|------|--|----------|-----|
| 1 | 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. | 15.00 | Cum |
| 2 | 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). | 6.61 | Cum |
| 3 | 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: | 18.510 | Cum |
| 4 | 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 | 1573.350 | 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) | 2.00 | Cum |
| 6 | 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: | 3.00 | Cum |
| 7 | Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: | | |
| (A) | Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ) | 136.06 | Sqm |
| 8 | Providing and making 6mm thick cement plaster of mix: In Cement mortar 1:3 (1 cement : 3 fine sand) | 136.06 | Sqm |
| 9 | Providing and making 12mm thick cement plaster of mix: In Cement mortar 1:4 (1 cement : 4 fine sand) | 373.74 | Sqm |
| 10 | 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) | 456.05 | Sqm |
| 11 | Providing and fixing in position collapsible steel hutters 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. | 4.41 | Sqm |
| 12 | Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works. | 132.00 | Kg |
| 13 | 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. | 198.00 | Kg |
| 14 | 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. | 71.25 | Kg |
| 15 | 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. | 76.00 | Sqm |

| S.N. | PARTICULARS OF ITEMS | Quantity | OM |
|------|---|----------|-----|
| 16 | Providing and applying 2mm thick ready mix exterior grade putty (Manufactured with cow dung processing) on walls to make the surface smooth and even. | 50.00 | Sqm |
| 17 | Finishing walls with water proofing cement paint of required shade to give an even shade. On new work (Two or more coats applied @ 3.84 kg/10 sqm) | 509.80 | Sqm |
| 18 | Painting on new work (two or more coats) to give an even shade with: Premium synthetic enamel paint | 27.21 | Sqm |
| 19 | Add Extra For Electrification Work | 9601.00 | LS |



Executive Engineer
Municipal Corporation
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Assistant Engineer
Municipal Corporation
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Sub Engineer
Municipal Corporation
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