


NAGAR PALIK NIGAM BHILAI NIT

सांस्कृतिक भवन वैशालीनगर हैप्पी पब्लिक स्कूल के पास भिलाई जिला दुर्ग में शेड
निर्माण कार्य

(As per P.W.D BUILDING S.O.R. W.E.F. 01.01.2015)

| S.NO | PARTICULAR | QTY | UNIT |
|------|---|---------|------|
| 1 | Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including ..from the excavated area), including dressing and leveling of pits. In all types of soils. | 37.71 | cum |
| 2 | Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work. 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size). | 9.51 | 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). | 16.71 | 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 in foundation and plinth all complete: Thermo-Mechanically treated bars FE 415 | 1671.00 | kg |
| 5 | Structural steel work riveted or bolted or welded in built-up ections, trusses and frames work upto a height of 5m above plinth level, including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer. | 590.00 | kg |
| 6 | Supply and fixing of precoated galvanized iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 .. rafters and trusses and including cutting to size and shape wherever required. | 126.75 | sqm |
| 7 | 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) | 3.96 | cum |
| 8 | Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth: | 16.20 | cum |
| 9 | 6 mm thick cement plaster of mix: In Cement Mortar 1:4 (1 cement : 4 fine sand) | 24.00 | sqm |
| 10 | 12mm thick cement plaster of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand) | 81.00 | sqm |
| 11 | 15mm thick cement plaster of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand) | 104.10 | sqm |
| 12 | Painting on new work (two or more coats) to give an even shade with: Aluminium paint | 50.00 | sqm |

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|---|--|---------------------------|-----|
| 13 | Painting exterior surface with SMOOTH exterior emulsion paint of manufacturerd with cow dung processing to give protective and decorative finish including cleaning washing of surface etc. complete with: On new work (One or more coats applied @ 1.43 ltr/ 10 sqm) | | |
| | | 209.10 | sqm |
| 14 | Providing and laying vitrified floor tiles with soluble salt printing, of size 600x600mm with water absorption less than 0.5% and onforming 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. | | |
| | | 54.00 | sqm |
| 15 | 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.Size upto 200x300mm | | |
| | | 23.10 | sqm |
| 16 | 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. | | |
| | | 28.90 | cum |
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| ASSTT.ENGINEER | | SUB ENGINEER | |
| Nagar Palik Nigam, Bhilai | | Nagar Palik Nigam, Bhilai | |