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NAGAR PALIK NIGAM BHILAI

NIT

वार्ड क्र.-21 कैलाश नगर में सामुदायिक भवन निर्माण कार्य।

AS PER PWD BUILDING S.O.R 01.01.2015

| SN | PARTICULAR | QTY | UNIT |
|-----|--|--------|------|
| 1 | Excavation for all types and sizes of foundations, trenches and drains or forupto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.In all types of soil | | |
| | | 2.50 | 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. 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size). | | |
| | | 2.50 | cum |
| 3 | Providing and laying nominal mix reinforcement cement concrete with crushed stone aggregate using concrete mixer in all works upto floor five level excluding cost of reinforcement and form work.1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size). | | |
| | | 3.88 | cum |
| 4 | Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, berding, binding etc. complete as per drawings including cost of binding wire all complete: Cold twisted bar / Hot rolled deformed steel | | |
| | | 349.51 | kg |
| 5 | Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: | | |
| 5.c | Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ) | | |
| | | 23.22 | sqm |
| 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) | | |
| | | 3.60 | cum |
| 7 | super structure 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) | | |
| | | 3.60 | cum |
| 8 | 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. | | |
| | | 30.00 | cum |
| 9 | 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 formwork | | |
| | | 0.20 | sqm |
| 10 | Providing and fixing steel door with M.S. sheet 1mm thick, frame of angle iron, diagonal braces of .. all necessary fittings complete including applying a priming coat of red oxide zinc chromate primer.. | | |
| | | 52.80 | kg |
| 11 | 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 of red oxide zinc chromate primer.. | | |
| | | 21.60 | kg |

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| 12 | 6 mm thick cement plaster of mix: In Cement Mortar 1:4 (1 cement : 4 fine sand) | 212.68 | sqm |
| 13 | 12mm thick cement plaster of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand) | 595.18 | sqm |
| 14 | 15mm thick cement plaster of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand) | 400.00 | sqm |
| 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. | 181.00 | sqm |
| 16 | Providing and laying rectified ceramic glazed floor tiles of size 300x300mm and above conforming to IS : 15622 of approved 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 | 39.58 | sqm |
| 17 | Providing and applying 2mm thick ready mix exterior grade putty (manufactured with cow dung processing) on walls to make the surface smooth and even. | 300.00 | sqm |
| 18 | Distempering with acrylic washable distemper manufactured with cow dung processing to give an even shade: on new work.(two or more coats) | 250.00 | sqm |
| 19 | Painting new exterior surface (two or more coats) with PREMIUM TEXTURED paint manufactured with cow dung processing to give protective and decorative finish including cleaning washing of surface etc. complete with: On new work (Two or more coats) | 250.00 | sqm |
| 20 | 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. | 15.80 | sqm |
| 21 | Painting on new work (two or more coats) to give an even shade with.Premium synthetic enamel paint (2nd top most approved branded quality) to give an even shade . | 80.00 | sqm |
|  ASSTT.ENGINEER Nagar Palik Nigam, Bhilai | |  SUB ENGINEER Nagar Palik Nigam, Bhilai | |