

MUNICIPAL CORPORATION BHILAI
NIT

कार्य का नाम :- वार्ड 37 किशन चौक में सामुदायिक भवन का संधारण कार्य

Based on PWD/SOR 1-01-2015 (building works) Electrification Work 1.6.2020

| Item No. | Particulars of item | Qty. | Unit |
|----------|---|---------|----------------|
| 1 | 2 | 3 | 4 |
| 1 | Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead. In cement mortar. | 33.00 | m ³ |
| 2 | Dismantling flag stone flooring laid in cement/lime mortar including stacking of serviceable material and disposal of unserviceable material within 50 metre lead. | 75.00 | Sqm |
| 3 | Demolishing R.C.C. work including stacking of steel bars and disposal of unserviceable material within 50 metre lead. | 11.25 | m ³ |
| 4 | 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. | 48.15 | m ³ |
| 5 | 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). | 11.35 | m ³ |
| 6 | 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. | 100.00 | m ³ |
| 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). | 9.78 | m ³ |
| 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). | 3.20 | m ³ |
| 9 | Providing & placing in position cold twisted and hot rolled deformed steel reinforcement for RCC work I/c cutting, bending etc. complete as per drawing I/c cost of binding wire and I/c all wastage | 1297.50 | kg |
| 10 | 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) SOR Item No 7.5.4 | 8.00 | m ³ |
| 11 | 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) SOR Item No 7.5.4 | 32.00 | m ³ |
| 12 | Providing & fixing of form work I/c centering, shuttering, strutting, staging, Proping bracing etc. complete & removal upto 4 m height | 9.6 | sqm |
| 13 | Columns, Pillars, Piers and likes- rectangular or square in shape | 32.00 | m ² |

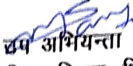
| Item No. | Particulars of item | Qty. | Unit |
|----------|---|--------|----------------|
| 1 | 2 | 3 | 4 |
| 14 | Beams, lintels, cantilevers & walls | 80.00 | m ² |
| 15 | Weather shade, chhajja, Cornices and mouldings | 13.50 | m ² |
| 16 | Providing and making 6mm thick cement plaster of mix:In Cement mortar 1:4 (1 cement : 4 fine sand) | 75.00 | m ² |
| 17 | Providing and making 12mm thick cement plaster of mix In Cement Mortar 1:6 (1 cement : 6 fine sand) | 160.00 | m ² |
| 18 | Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:In Cement Mortar 1:6 (1 cement : 6 fine sand) | 180.00 | m ² |
| 19 | Painting exterior surface with smooth exterior emulsion paint manufactured with the cow dung processing to give protective and decorative finish including cleaning washing of surface etc. completeAs Per Plaster | 180.00 | Sqm |
| 20 | providing and applying 2mm thick ready mix exterior grage putty (manufactured with cow dung processing) on walls to make the surface smooth and even | 235.00 | sqm |
| 21 | Painting on new work (two or more coats) to give an even shade with: Satin synthetic enamel paint. SOR Item No 14.22.1 | 30.93 | m ² |
| 22 | 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 (1cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc. | 75.00 | Sqm |
| 23 | 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 above 200x300mm | 80.00 | Sqm |
| 24 | 15 mm thick Table rubbed polished Granite stone slab flooring laid over 20mm (Average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with grey cement slurry including rubbing and polishing etc. complete. (Area of slab should be 0.50 sqm and above)Granite stone black | 48.00 | Sqm |
| 25 | 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. SOR Item No .9.13 | 382.00 | kg |
| 26 | 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. | 100.00 | kg |
| 27 | Providing and fixing M.S. grill of approved pattern made of M.S. flats 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. SOR Item No 9.15 | 295.00 | KG |
| 28 | Providing and fixing in position collapsible steel shutters with verticalchannels 20x10x2mm and braced with flat iron diagonals 20x5mm size with top and bottom rails of T-iron 40x40x6mm with 38mm steel pulleyscomplete with bolts, nuts, locking arrangement stoppers, handles including applying a priming coat of red oxide zinc chromate primer. | 4.20 | Sqm |

नगर पालिक निगम भिलाई जिला-उत्तर

| No. | Particulars of Item | Qty. | Unit |
|-----|---|-------|------|
| 1 | 2 | 3 | 4 |
| 29 | 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 | 75.00 | Sqm |
| 30 | Add Extra For Electrical , Sanitary Work Water Work 18% | 75.00 | Sqm |

कार्यपालन अभियन्ता
नगर पालिक निगम, भिलाई

सहायक अभियन्ता
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