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MUNICIPAL CORPORATION BHILAI

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कार्य का नाम :- जोन 03 क्षेत्रांतर्गत वार्ड क्रमांक 35 शारदा पारा केम्प 02 गांधी चौक
में सार्वजनिक सामुदायिक भवन निर्माण 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 R.C.C. work including stacking of steel bars and disposal of unserviceable material within 50 metre lead. | 12.38 | m ³ |
| 2 | Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead. In cement mortar | 19.80 | m ³ |
| 3 | Demolishing cement concrete including disposal of material within 50 metre lead. 1:3:6 or richer mix | 15.00 | m ³ |
| 4 | Demolishing cement concrete including disposal of material within 50 metre lead. 1:4:8 or leaner mix | 10.00 | m ³ |
| 5 | 16.26 Dismantling doors chowkhats with shutters (steel or wood) including architrave, hold fast etc. complete and stacking within 50 metres lead. | 6.00 | Nos |
| 6 | 16.27 Dismantling windows chowkhats with shutters (steel or wood) including architrave, hold fast etc. complete and stacking within 50 metres lead.. | 4.00 | Nos |
| 7 | 1.26 Carriage by mechanical transport upto 5 km lead: 1.26.3 Dismantled Building debris (Mulba) | 60.00 | cum |
| 8 | 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. | 53.46 | m ³ |
| 9 | 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). | 11.34 | m ³ |
| 10 | 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. Under floor | 57.60 | m ³ |
| 11 | 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). SOR Item No. 3.2.1 | 9.45 | m ³ |
| 12 | 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). SOR Item No. 3.2.1 | 19.62 | m ³ |
| 13 | 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: SOR Item No. 3.12.4 | 3488.40 | kg |

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|----------|--|--------|----------------|
| 1 | 2 | 3 | 4 |
| 14 | 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 | 7.20 | m ³ |
| 15 | 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 | 28.80 | m ³ |
| 16 | Providing & fixing of form work l/c centering ,shuttering ,strutting, staging ,Proping bracing etc. complete & removal upto 4 m height SOR Item No. 2.1.1 | 11.52 | sqm |
| 17 | Columns, Pillars, Piers and likes- rectangular or square in shape Column | 76.80 | m ² |
| 18 | Beams, lintels, cantilevers & walls | 78.00 | m ² |
| 19 | Weather shade, chhajja, Cornices and mouldings | 10.80 | m ² |
| 20 | Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ) | 72.00 | m ² |
| 21 | Providing and making 6mm thick cement plaster of mix:In Cement mortar 1:4 (1 cement : 4 fine sand) | 72.00 | m ² |
| 22 | Providing and making 12mm thick cement plaster of mix In Cement Mortar 1:6 (1 cement : 6 fine sand) | 144.00 | m ² |
| 23 | 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) | 144.00 | m ² |
| 24 | Painting exterior surface with PREMIUM ACRYLIC SMOOTH exteriorpaint of required shade as per manufacturer's specifications to give protective and decorative finish including cleaning washing of surface etc.complete with:On new work (Two or more coats applied @ 1.43 ltr/ 10 sqm over andincluding priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)As Per Plaster | 144.00 | Sqm |
| 25 | Providing and applying 2mm thick ready mix exterior grade approved make putty (like Birla wall care, Alltek Superfine W/R of (NCL), Asian, ICI, Nerolac, J.K. wall putty) on walls to make the surface smooth and even.As Per Plaster | 144.00 | sqm |
| 26 | Distempering with acrylic washable distemper to give an even shade.On new work (Two or more coats)As Per Plaster | 216.00 | sqm |
| 27 | 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 | 327.00 | kg |
| 28 | Painting on new work (two or more coats) to give an even shade with: Satin synthetic enamel paint. SOR Item No 14.22.1 | 24.75 | m ² |
| 29 | 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. complete. | 72.00 | Sqm |

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| 1 | 2 | 3 | 4 |
| 30 | Providing and fixing ceramic glazed wall tiles conforming to IS : 15622 of approved make, colours, shades and size on wall and dados over 12mm 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 | 36.00 | Sqm |
| 31 | 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. | 45.00 | kg |
| 32 | 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 | 203.00 | KG |
| 33 | Providing and fixing in position collapsible steel shutters 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. | 7.35 | Sqm |
| 34 | Add Extra For Electrical , Sanitary Work Water Work 20% | 1.00 | JOB |


 कार्यपालन अभियन्ता
 नगर पालिक निगम, भिलाई

सहायक अभियन्ता
 नगर पालिक निगम, भिलाई


 उप अभियन्ता
 नगर पालिक निगम, भिलाई