

MUNICIPAL CORPORATION, BHILAI

NIT

(As per P.W.D Building SOR w.e.f-01.01.2015, Electrical SOR 1.7.2015)

कार्य का नाम :- वार्ड क्रमांक 23 श्रमिक क्षेत्र गौं शीतला बहुउद्देशीय सभागार पर प्रथम तल निर्माण कार्य।


S.No.	Details of Item	Quantity	Unit
1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff up to 1.5 m lift and lead up to 50m (at least 5m away from the excavated area), including dressing and leveling of pits. In all type of soil. (Page-9 Item-1.1.1)	5.0m ³	Cum
2	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works up to plinth level excluding cost of form work. 1:4:8 graded stone aggregate 40mm nominal size. (Page-23 Item-3.1.2)	2.5m ³	Cum
3	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth five level excluding cost of form work. 1:1½:3 graded stone aggregate 20mm nominal size). (Page-23 Item-3.2.1)	2.5m ³	Cum
4	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth five level excluding cost of form work. 1:1½:3 graded stone aggregate 20mm nominal size). (Page-23 Item-3.2.1) + 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 : (Page-23 Item-3.2.1+3.4)	23.78m ³	Cum
5	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth five level excluding cost of form work. 1:1½:3 graded stone aggregate 20mm nominal size). (Page-23 Item-3.2.1) + 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 : (Page-23 Item-3.2.1+3.4)	2.4m ³	Cum
6	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. (Page-24 Item-3.12.1)	2628.0kg	KG
7	Providing and fixing form work including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Columns, Pillars, Piers and likes-rectangular or square in shape. Add extra for unsupported individual columns with height more than 4.0 m from the immediate lower level in every floor. (Page-17 Item-2.1.5+2.4)	57.60m ²	Sqm
8	Providing and fixing form work including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ). Add Extra for additional height every 1m or part thereof where height of staging for form work exceeds 4.0 meter with adequate bracing, propping etc at all levels, for suspended floor, roof, landing, beam and balcony. (Page-16,17 Item-2.1.7+2.2)	171.40m ³	Sqm
9	Providing and fixing form work including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ). (Page-16 Item-2.1.7)	20.0m ²	Sqm
10	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 40 in foundation and plinth in: C M 1:6 + Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth = (Page-45 Item- 7.5.4+ 7.6)	4.84m ³	Cum
11	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 40 in foundation and plinth in: C M 1:6 @ `3263.00/cum+ Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth (Page-45 Item- 7.5.4+ 7.6)	48.80 m ³	Cum
12	Providing and making 6mm thick cement plaster of mix : in Cement Mortar-1:3 (Page-103 Item-11.1.1)	68.80m ²	Sqm
13	Providing and making 12mm thick cement plaster of mix : in C.M.-1:5 (Page-103 Item-11.2.3)	120.00m ²	Sqm
14	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix : In C M -1:6 (Page-103, Item-11.3.4)	133.30m ²	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.	92.4m ²	Sqm
16	Providing & laying ceramic glazed wall tiles conforming to IS:15622 of approved make, colour, shade and size on wall and dados over 12mm thick bed of C.M. 1:3 and jointing with grey cement slurry @3.3kg per sqm including pointing in white cement mixed with matching pigment Complete : Size up to 200X300mm (Item-12.7.1)	28.8m ²	Sqm


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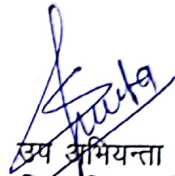
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17	Providing and fixing steel door/window with M.S. sheet 1mm thick, frame of angle iron, diagonal braces of angle/ flat iron of suitable size, 3.00mm M.S. gusset plates at junctions and corners, all necessary fittings complete including applying a priming coat of red oxide zinc chromate primer. (Page-81 Item- 9.13)	666.00kg.	KG
18	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 primer of red oxide zinc chromate primer.. (Page - 81 Item - 9.15)	558.00kg.	KG
19	Painting new exterior surface with ACRYLIC SMOOTH exterior paint 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 @1.43liter/10sqm over and including priming coat of exterior primer applied @2.20kg/10sqm) (Page-133 Item-14.15.1)	341.00m2	Sqm
20	Distemping with acrylic washable distemper to give an even shade: on new work.(two or more coats) (Page-132 Item-14.9.1)	240.0m2	Sqm
21	Painting on new work (two or more coats) to give an even shade with: Premium synthetic enamel paint. (Page-134 Item-14.22.2)	58.04m2	Sqm
22	Add For Electrical Work , Sanitation Work & Electrical Work	-	-


 कार्यपालन अभियन्ता
 नगर पालिक निगम, भिलाई


 सहायक अभियन्ता
 नगर पालिक निगम, भिलाई


 सय अभियन्ता
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