

**MUNICIPAL CORPORATION OF BHILAI
NIT**

कार्य का नाम—वार्ड ⁵⁰ 49- सेक्टर 02 सड़क ¹⁵ 03 में मंच निर्माण एवं शोड लगाने का कार्य।


(As Per PWD Building SOR 01.01.2015,)


S.N.	PARTICULARS OF ITEMS	Quantity	UOM
CONSTRUCTION OF MUNCH			
1	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.	20.81	Cum
2	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).	3.51	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).	6.647	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 all complete: Thermo-Mechanically treated bars	664.70	Kg
5	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.	17.40	Sqm
7	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.	17.50	Cum
8	Brick work with modular fly-ash lime bricks (FaLG Bricks) conforming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: Cement Mortar 1:6 (1 cement : 6 coarse sand)	3.05	Cum
9	Providing and making 12mm thick cement plaster of mix: In Cement mortar 1:4 (1 cement : 4 fine sand)	14.40	Sqm
10	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.	12.00	Sqm
11	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	14.40	Sqm
12	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. SS Grade 204	53.00	Kg


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4. CONSTRUCTION OF SHED

13	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..(Page-1Item-1.1)	2.25	Cum
14	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)..(Page-22,Item-3.1.2)	0.34	Cum
15	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. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size)(Page-22,Item-3.1.2)	2.03	Cum
16	Steel work in tubular (round, square or rectangular hollow tubes etc.)structure in built-up sections, trusses and frame work including cutting,hoisting, fixing in position upto a height of 5m above plinth level,consisting of columns trusses, roof and bottom purlins, base plate, holdingdown bolts, wind ties bracing (if required), bolts, nuts and washers forfastening etc. complete with applying a priming coat of red oxide zincchromate primer.9.3.1 Electric resistance or induction butt welded tubes Grade-250 (Page79,Item-9.3.1)	1494.0	Kg
17	Supply and fixing of precoated galvanized iron profile sheets (size, shapeand pitch of corrugation as approved by Engineer-in-charge) 0.50 mm +/-5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in240mpa steel grade, 5-7 microns epoxy primer on both side of the sheetand polyester top coat 15-18 microns. Sheet should have protective guardfilm of 25 microns minimum to avoid scratches while transportation andshould be supplied in single length upto 12 metre or as desired byEngineer-in-charge. The sheet shall be fixed using self drilling /selflapping screws of size (5.5x 55mm) with EPDM seal or with polymercoated J orL hooks,boltsandnuts8mmdiameter with bitumen and G.I.limpet washers or with G.I. limpet washers filled with whiteleadcompleteuptoanypitchinhorizontal/ vertical or curvedsurfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shapewherever required.	25.00	SQM


 सहायक अभियन्ता
 नगर पालिक निगम, भिलाई


 उप अभियन्ता
 नगर पालिक निगम, भिलाई


 कार्यपालन अभियन्ता
 नगर पालिक निगम, भिलाई