

MUNICIPAL CORPORATION OF BHILAI

NIT

वार्ड 50 सेक्टर 02 सड़क 15 बी हनुमान मंदिर के समीप विस्तारीकरण कार्य।

As Per PWD Building /Road SOR 01.01.2015 & NON SOR Item

S.N.	PARTICULERS OF ITEMS	Quantity	UOM
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.	51.86	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).	13.45	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
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.	96.52	Cum
7	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
8	Providing and making 12mm thick cement plaster of mix: In Cement mortar 1:4 (1 cement : 4 fine sand)	14.40	Sqm
9	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
10	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
11	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
12	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
13	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)	1494.00	Kg
14	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 /selftapping screws of size (5.5x 55mm) with EPDM seal or with polymercoated J orLhooks,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.	20.00	Sqm
15	Surface dressing of the ground including removing vegetation and making up undulations and in-equalities not exceeding 15 cms in depth/ height including disposal of rubbish upto 1.5 m lift and lead upto 50m (at least 5m away from the dressed area).	160.00	Sqm
16	Supplying and stacking of good earth at site including royalty, loading, unloading and carriage upto 5 km (earth measured in stacks will be reduced by 20% for payment).	9.60	Cum

17	Supplying and stacking at site well decayed cow dung manure from approved source, including loading, unloading and carriage upto 5 km (manure measured in stacks will be reduced by 8% for payment).	6.00	Cum
18	Spreading of sludge, dump manure or/and good earth in required thickness (Cost of sludge, dump manure or/ and good earth to be paid separately).	64.00	Cum
19	Providing and planting following herbs in garden including preparation of soil, base plantation, providing and spreading different fertilizers, soil and sand:Hedges like Alife, Dorenta, Tikoma etc	500	Each
20	Furn like Arica, China etc (3 year old)	42	Each
21	Hibiscus (Flower)/ Rose	100	Each
22	Carpet grass (well developed)	100.00	sqm
23	Painting exterior surface with PREMIUM 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 @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)	72.00	Sqm
24	Painting on new work (two or more coats) to give an even shade with: Aluminium paint	120.00	Sqm
25	AS PER PWD ROAD SOR 01.01.2015 Cement art Mural work	7.50	Sqm
26	NON SOR ITEM Providing & Planting well developed & healthy (5' and above) orna mental plants with digging holes soil filling & chemical & biological treatment like ficus ceycas chhatim, bottle palm, supari palm, musanda & avenue palm, tree including 6th month maintenance till well established as directed Engineer In charge	15	Each
27	NON SOR ITEM Providing & Planting well established flowering & orna mental plants or shrubs like nerium, bougainvillia, crotons, vidhya etc. with digging holes & chemical treatment including 6th month maintenance till well established as directed Engineer In charge	15	Each
28	NON SOR ITEM Providing & Planting well developed succulent healthy orna mental plants with digging chemical treatment like thuja, cycas, lolina etc, including 6th month maintenance till well established as directed Engineer In charge	10	Each
29	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).	4.80	Cum
30	Providing & laying 60mm thick precast interlocking concrete blocks of approved size (approx 305 sqcm) and shape/ pattern, over 40 mm thick average complete coarse sand bed with joints of 3mm thick filled by fine sand including leveling with surface vibrator, temping and sweeping etc. complete of minimum compressive strength of 250 kg/sq.cm Plain/ normal coloured precast interlock concrete blocks	38.40	sqm

कार्यपालन अभियन्ता
नगर पालिक निगम, भिलाई

सहायक अभियन्ता
नगर पालिक निगम, भिलाई

उप-अभियन्ता
नगर पालिक निगम, भिलाई