

# MUNICIPAL CORPORATION OF BHILAI

6 कापी

NIT

वार्ड 33 जी.ई. रोड़ बस स्टॉप के पीछे स्थित उद्यान का सौंदर्यीकरण कार्य।

As Per PWD Building SOR 01.01.2015, Electrical SOR 01.06.2020 & NON SOR ITEM

S.N.	PARTICULERS OF ITEMS	Quantity	UOM
1	Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead. In cement mortar.	1.68	Cum
2	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.	14.74	Cum
3	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).	1.76	Cum
4	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).	9.03	Cum
5	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	902.60	Kg
6	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:		
(A)	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.	13.08	Sqm
(B)	Columns, Pillars, Piers and likes- rectangular or square in shape	13.20	Sqm
(C)	Beams, lintels, cantilevers & walls	5.52	Sqm
(D)	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	29.48	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.	126.60	Cum
8	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)	1.38	Cum
9	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) Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:	1.98	Cum

S.N.	PARTICULERS OF ITEMS	Quantity	UOM
10	Providing and making 6mm thick cement plaster of mix: In Cement mortar 1:3 (1 cement : 3 fine sand)	21.20	Sqm
11	Providing and making 12mm thick cement plaster of mix: In Cement mortar 1:4 (1 cement : 4 fine sand)	9.90	Sqm
12	Providing and making 15mm thick cement plaster of mix: In Cement mortar 1:5 (1 cement : 5 fine sand)	9.90	Sqm
13	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.	15.00	Sqm
14	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)	9.90	Sqm
15	Wall painting with acrylic luxury emulsion (plastic) paint of required shade to give an even shade. On new work (two or more coats)	21.20	Sqm
16	Trenching in ordinary soil upto a depth of 60cm including removal and stacking of serviceable materials and then disposing of by spreading and neatly leveling with in a lead of 50m and making up the trenched area to proper levels by filling with earth or earth mixed with sludge or/and manure before and after flooding trench with water (excluding cost of imported earth, sludge or manure).	120.00	Cum
17	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).	40.00	Cum
18	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).	40.00	Cum
19	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).	100.00	Sqm
20	Mixing earth and sludge or manure in proportion specified or directed.	100.00	Cum
21	Preparation of beds for hedging and shrubbery by excavating 60cm deep and trenching the excavated base to a further depth of 30cm, refilling the excavated earth after breaking clods and mixing with sludge or manure in the ratio of 8:1 (8 parts of stacked volume---including stacking and disposal of materials declared unserviceable and surplus earth by spreading and leveling as directed, within a lead of 50m lift upto 1.5 m complete (cost of sludge, manure or extra earth to be paid for separately).	150.00	Cum
22	Digging holes in ordinary soil and refilling the same with the excavated earth mixed with manure or sludge in the ratio of 2:1 by volume (2 parts of stacked volume of earth after reduction by 20% : 1 part of stacked volume of manure after reduction by 8%) flooding with water, dressing including removal of rubbish and surplus earth, if any with all leads and lifts (cost of manure, sludge or extra good earth if needed to be paid for separately) : Holes 60 cm dia, and 60 cm deep.	50.00	No

	PARTICULERS OF ITEMS	Quantity	UOM
23	Edging with modular well burnt clay bricks of crushing strength not less than 25kg/sqm laid dry length wise including excavation, refilling, consolidating with hand packing and spreading neatly surplus earth within a lead of 50 m :	100.00	Metre
24	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	200.00	Each
25	Furn like Arica, China etc (3 year old)	25.00	Each
26	Hibiscus (Flower)/ Rose	50.00	Each
27	Carpet grass (well developed)	100.00	Sqm
28	<b>NON SOR ITEM</b> Providing & Planting well developed & healthy (5' and above) orna mental plants with digging holes soil filling & chemical & biological treatment like ficus cycas chhatim, bottle palm, supari palm, musanda & avenue palm, tree including 6th month maintenance till well established as directed Engineer In charge	20.00	Each
29	<b>NON SOR ITEM</b> 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	33.00	Each
30	<b>NON SOR ITEM</b> Providing & fixing of Steel Bench Area 1.20x0.70 m Height 0.45 m above level seating ----- proper grip fixing with 1:2:4 Cement Concrete	11.00	Each
31	<b>NON SOR ITEM</b> Providing & Fixing 8' FRP Common Slide Height 1.2 m , Width of slide 0.5, Length of slide 2.4m Main frame – 40mmx2.5mm(thickness)@ NB .Pipe Plate form of Steel frame of 16 g M.S. sheet with support of 25x25x3 angle Ralling of 20x2 m.m(thickness) pipe.Frp should be 8' length and 0.5 mtr wide Stairs made up of square pipe of 100x50 mm. & 25x25x3 angle main frame, stairs & frp should properly fixed with support of flat 40x5 with each other with nut bolting system. Ideal for the age group 4-14 yrs Painting: - structures have to be powder coated by best quality polyurethane Paints.and should be provided with hole passes for proper grip Fixing with 1:2:4 cement concrete	1.00	Each
32	<b>NON SOR ITEM</b> <b>Providing &amp; Fixing Rainbow Climber.</b> Area- 0.6m(W) x 4.14 m(L) Height- 1.9 mtr Main frame- 32 mm*3.15mm NB pipe and properly rounded in 180 degree. Support :- stairs 25 mm NB pipe 21 NOS For Age group 4-14 yrs Painting: - structure have to be powder coated by best quality polyurethane Paints and should be provided with hole passes for proper grip. Fixing with 1:2:4 cement concrete	1.00	Each
33	<b>NON SOR ITEM</b> <b>Providing &amp; Fixing See Saw double board</b> Height 0.4 m, width 1.5m length 3.0m Vertical support – 90 mm x2mm (thickness) NB .Pipe Center pipe –2 nos 90 mm x 2mm(thickness)@ NB.pipe Middle pipe - 50mm x 2mm (thickness) Base- 25 mm x2mm(thickness) pipe with support of 10 mm plate. Handle – 25 mm x2mm (thickness).pipe on both the side. H.P.casting system with bush & bearing. Seat capacity-4 nos. F.R.P. laminated steel sheet grip'ed with the pipe. Ideal for the age group 4-14 yrs Painting: - structure have to be powder coated by best quality polyurethane Paintsand should be provided with hole passes for proper gripFixing with 1:2:4 cement concrete	1.00	Each

S.N.	PARTICULERS OF ITEMS	Quantity	Unit
34	<p><b>NON SOR ITEM</b></p> <p>Providing &amp; fixing of Double Swing Jhula            Height 3 mtr, Width 3.0m Length 3.0m Clamp- S.P.Casting clamp with bearing fixing with the upper body of pipe with support of 40x5 flat. Seat capacity-2 nos. F.R.P. laminated steel sheet with the support of 30x30x3 angle and 25x5 flat. Main frame-50x2.5mm(thickness)@ NB.Pipe Frame have to be supported with 50x50x5 angle on the both sides and sides to be supported with 20 mm pipe with nut bolting system Chain – 8 mm thick M.S. Nikil coated high tensile chain with 's' hook. Ideal for the age group 4-14 yrs. Painting :- structure have to be powder coated by best quality polyurethane Paints and should be provided with hole passes for proper grip. Fixing with 1:2:4 cement concrete</p>	1.00	Each
35	Add For Extra Electrification Work	5699.00	LS



**Executive Engineer**  
Municipal Corporation  
Bhilai



**Assistant Engineer**  
Municipal Corporation,  
Bhilai



**Sub Engineer**  
Municipal Corporation  
Bhilai