

MUNICIPAL CORPORATION OF BHILAI

NIT
 वार्ड क्र. 47 सेक्टर 01 सड़क 12 में पेवर ब्लॉक फेसिंग व झूला लगाने का कार्य।

S.N.	PARTICULERS OF ITEMS	Quantity	UOM
	<i>As Per PWD Building & NON SOR ITEM</i>		
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 soil	81.076	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).	38.12	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. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	24.4	Cum
4	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.	52.5	Cum
5	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 Pigment Coloured (rubber mould) precast interlock concrete blocks	175.00	sqm
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. 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40mm nominal size).	7.956	Cum
3	Providing and placing in position angle iron post and strut of required size including bottom to be split and bent at right angle in opposite direction for required length and drilling holes upto 10 mm dia as per requirement including priming coat with red oxide zinc chromate primer and placing the post/ strut in cement concrete block.	524.035	Kg
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 all complete: Thermo-Mechanically treated bars	520	Kg
7	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	907.712	Kg
8	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Foundations, footings, base of columns and plinth beam in any shape and size.	104.00	sqm
9	Providing and fixing in position chain linked steel wire fabric made of 4 mm dia G.I. wire of required width in mesh to concrete/ wooden/ angle iron posts including securing and screwing with 2mm dia G.I. wire, G.I. staples, G.I.U-nails or steel pins etc., complete. Aperture 50x50mm	150.00	sqm
	<i>NON SOR Item</i>		

S.N.	PARTICULERS OF ITEMS	Quantity	UOM
10	<p>Providing & Fixing 8'FRP Common Slide Height 1.2m, 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 Railing of 20x2 mm(thickness) pipe Frp should be 8' length and 0.5 mtr wide Stairs amde 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.</p> <p>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.</p>	1	Each
11	<p>Providing & Fixing Swing Double Setter 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.X. Nikil coated high tensile chain with 's' hook. Ideal for the age group 4-15 yrs.</p> <p>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.</p>	2	Each
12	<p>Providing & Fixing Steel Bench Area – 1.2m x 0.7m Height – 0.45m above G.L. Seating :- capsule pipe 22nos (35mm x 15mm) Support :- stand 25x2.5mm (thickness) NB pipe</p> <p>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.</p>	2	Each
13	<p>Providing & Fixing See Saw double board Height 0.4m, width 1.5m length 3.0m Vertical support – 90 mm x 2mm (thickness) NB Pipe Center pipe – 2 nos 90mm x 2mm (thickness) @NB. Pipe Middle pipe – 50mm x 2mm (thickness) Base – 25 mm x 2mm (thickness) pipe with support of 10 mm plate. Handle -25 mm x 2mm (thickness) pipe on both side. H.P. casting system with bush & bearing. Seat capacity – 4 nos. F.R.P. laminated steel sheet griped with the pipe. Ideal for the age group 4—14 yrs</p> <p>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.</p>	2	Each
14	<p>Providing & Fixing Rainbow Climber. Area – 0.6 m (W) x 4.14m (L) Height – 1.9mtr Main frame – 32 mm x 3.15 mm NB pipe and properly rounded in 180 degree. Support :- stairs 25 mm NB pipe 21 Nos For age group 4-14 yrs</p> <p>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.</p>	1	Each

UOM

PARTICULERS OF ITEMS

Quantity

UOM

Providing funland ride Multi-Play Equipment

15

2 nos slide (1 Spiral & wave slide) Height - 1.5m Width of slide 0.5 Length of slide 2.4m
Main Frame - 90mm x 2mm (thickness) @NB pipe Plate form of steel frame of 18g M.S.
sheet with support of 25x25x3 angle Railing of 20x2 mm (thickness) pipe. Frp should be 8'
& 10' length and 0.5 mtr wide, 2 nos Stairs, made up to square pipe of 100x50mm, &
25x25x3 angle main frame, stairs & frp should properly fixed with support of flat 40x5 with
each other with nut bolting system. Monkey Climber have to be attached with the main frame
all the structure should be connected to each other with the support of pipe . 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.

1

Each

Four seater MGR

Age Group : 3-8 Years Product Area : 2.1 mtrs**Safe Play Area : 3.1 mtrs Total Product Height : 1.1mtrs****Platform Height : ½ Feet (150-200mm)**

Stand Structure : Main pipe frame should be of MS 80mm N.B. pipe and thickness should
be 3 mm as per IS:1239/2004 with latest amendment, Frame should be welded & grinded
properly as per IS 816

Support Pipes : Support pipe have to be 1-1/2" (40NB) MS Pipe and thickness should be
2.5mm as per IS:1239/2004 with latest amendment.

Hand - Railing : 1" (25NB) MS pipe should be medium class as per IS : 1239/2004 with
latest amendment.

Seat : FPR 5 mm thick laminated sheet to be moulded or screwed with the center pipe . 4 nos
of frp seats

Bearing : The bearing should be used with heavy duty permananetly lubricated with water
sealed.

Painting :- structure have to be powder coated by best quality epoxy resin based powder
with the pre-treatment of phosphate.

16

1

Each

NON SOR ITEM

17

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

3

Each

NON SOR ITEM

18

Providing & fixing of Double Swing Jhula

1

Each

कार्यपालन अभियन्ता

नगर पालिक निगम, भिलाई

सहायक अभियन्ता

नगर पालिक निगम, भिलाई

उप अभियन्ता

नगर पालिक निगम, भिलाई