

MUNICIPAL CORPORATION OF BHILAI NIT

वार्ड क्र. 48 पंप हाउस ग्राउण्ड के पास केनाल रोड के किनारे सौंदर्यीकरण कार्य।

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

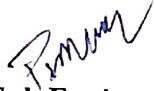
SN	PARTICULARS OF ITEMS	QTY.	UNIT
1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. In all types of soil	70.06	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).	21.05	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).	6.00	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.	37.35	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	60.00	sqm
6	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: (A) Foundations, footings, base of columns and plinth beam in any shape and size.	49.50	sqm
7	(B) Columns, Pillars, Piers and likes- rectangular or square in shape	24.50	sqm
8	(C) Beams, lintels, cantilevers & walls	28.00	sqm
9	Providing and laying nominal mix reinforcement cement concrete with crushed stone aggregate using concrete mixer in all works upto floor five level excluding cost of reinforcement and form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	14.23	Cum
10	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	1423.00	Kg
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 :Cement Mortar 1:6	28.20	Cum
12	Providing and making 12mm thick cement plaster of mix: In Cement Mortar 1:5 (1 cement : 5 fine sand)	384.00	sqm
13	Providing and making 6mm thick cement plaster of mix: In Cement mortar 1:3 (1 cement : 3 fine sand)	1.80	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)	385.80	sqm
15	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.	603.40	Kg
16	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	126.00	sqm
17	Painting on new work (two or more coats) to give an even shade with: Satin synthetic enamel paint	35.35	sqm

SN	PARTICULERS OF ITEMS	QTY.	UNIT
18	Supply of swaged steel tubular pole as per IS 2713 with base plate of size 300x300x6mm welded at bottom, necessary hole for cable entry and earthing stud welded at specified height including painting with one coat of red oxide zinc chromate primer. Designation 410 SP-71 height 13.00 metre	2	Each
19	Erection of STEEL TUBULAR or "H" BEAM/ ISMB pole in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation and cement concrete collar of size 0.4 metre dia and 0.50 metre height from ground level including excavation and refilling etc. as per specification of length: 13 metre to 14 metre	2	Each
20	Supplying and laying following sizes additional one number, FRLS PVC insulated /XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade direct in ground as in the same trench in one tier horizontal formation at a depth not less than 40 cm and upto 90 cm including excavation, sand cushioning, protective covering and refilling the trench etc as per specification, IS: 1554 (1988, Part 1) / IS: 7098 (1988, Part 1). 2 x 35 sq. mm	150.00	Mtr.
21	Painting of following height steel tubular poles with two coat of approved colour and shade synthetic enamel paint including cleaning the surface as per specification: Above 12 metre and upto 14 metre	2	Each
22	Supplying and fixing PVC water tight terminal box of approved make and brand with detachable gland plate in bottom, hinged front openable cover, rubber gasket, having 1 Nos 4way connector and 1 No SPMCB inside the box for cable connection, fixed to pole with 2 Nos clamp made from 25x3mm GI flat with 2 No GI nuts bolts complete as per specification. 300x200x125 mm for 3 phase	2	Each
23	Supplying and fixing DP MCB, 240 volts, 'C' curve, suitable for lighting and other loads in the existing MCB DB complete with connections, testing and commissioning etc. as per specification. 63 amps	6	Each
24	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, multi strand wire in the existing surface/ concealed, FRLS PVC conduit / PVC casing capping as per specification and IS: 694 (2010) 3 x 2.5 sq. mm	275.00	Mtr.
25	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal and salt as per specification and IS Code 3043: 1987(R 2016)	1	Each
26	Supplying of following 230/250 volts LED Flood light fitting with all accessories like driver, heat sink made of die cast aluminium with IP 66 protection and 15 KV surge protection on pole bracket, including connection, earthing, Seperate housing for driver etc complete as per specification and P.A. should be greater than 0.9. LED chip efficacy ratio \geq 120 lumens /watt. 300 watt.	12	Each
27	Surface dressing of the ground including removing vegetation and making up undulations and inequalities 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).	2100.00	sqm
28	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).	420.00	Cum
29	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).	210.00	Cum
30	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
31	Furn like Arica, China etc (3 year old)	50	Each
32	Hibiscus (Flower)/ Rose	50	Each
33	Carpet grass (well developed)	225.00	Sqm
37	Cement art Mural work	60.00	Sqm

SN	PARTICULARS OF ITEMS	QTY.	UNIT	Rate
34	NON SOR ITEM 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	25	Each	
35	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	25	Each	
36	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	25	Each	
38	NON SOR ITEM Mural Wall Art painting.	90.00	Sqm	
39	NON SOR ITEM 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	5	Each	
40	NON SOR ITEM Kids Outdoor Multi Play Station. Material -FRP And Mild Steel Size - 10.5 x 4.6 x 6 feet (L x W x H) Color - Multicolor No. of slide - 3 Nos. No. of Climbing - 2 Nos.	1	Each	
41	NON SOR ITEM Providing & 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	2	Each	
42	NON SOR ITEM Welt light (Jhalar light) on every plants/pond area	80	Each	

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