

**MUNICIPAL CORPORATION OF BHILAI
NIT**


**वार्ड क्र. 33 संतोषीपारा में स्थित गोधन केन्द्र में नैतिक फैसिंग एवं अन्य
संधारण कार्य।**


As Per PWD Building SOR 01.01.2015, Electrical SOR 1.06.2020

S.N.	PARTICULARS OF ITEMS	Quantity	UOM	Rate	Amount
1	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).	280	Sqm	-	-
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 soil	66.81	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).	20.86	Cum	-	-
4	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth	28	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 Plain/ normal coloured precast interlock concrete block	280.00	sqm	-	-
6	Carriage by mechanical transport upto 5 km lead:Earth As Per Excavation	39.84	Cum	-	-
7	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).	12.07	Cum	-	-
8	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.	705.432	Kg	-	-
9	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).	4.2	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	1735.6	Kg	-	-
11	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.	1436.46	Kg	-	-
12	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.	168.00	sqm	-	-
13	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	210.00	sqm	-	-
14	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Columns, beams & walls- circular or any other geometrical shape other than square and rectangular in all sizes	15.36	sqm	-	-
15	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).	3.78	Cum	-	-
16	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.	9.34	Cum	-	-
17	Providing and making 12mm thick cement plaster of mix: In Cement Mortar 1:4 (1 cement : 4 fine sand)	11.04	sqm	-	-
18	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)	161.04	sqm	-	-
19	Painting on new work (two or more coats) to give an even shade with: Satin synthetic enamel paint	10.20	sqm	-	-
20	Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead. In cement mortar	1.44	Cum	-	-
21	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.	0.96	Cum	-	-

22	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work. 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).	4.14	Cum	-	-
23	Providing and making 15mm thick cement plaster of mix: In Cement mortar 1:5 (1 cement : 5 fine sand)	150.00	Sqm	-	-
24	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. 250 watt	2	Nos	-	-
25	Supplying and laying following sizes one number FRLS PVC insulated/XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade direct in ground at a depth not less than 40 cm and upto 90 cm including excavtion, sand cushioning, protective covering and refilling the trench etc as per specification, IS: 1554 (1988, Part 1) / IS: 7098 (1988, Part 1).	10	MTr	-	-
26	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	100	Each	-	-
27	Furn like Arica, China etc (3 year old)	50	Each	-	-
28	Hibiscus (Flower)/ Rose	50	Each	-	-
29	Carpet grass (well developed)	50	Sqm	-	-


कार्यपालन अभियन्ता
नगर पालिक निगम, मिलालई


सहायक अभियन्ता
नगर पालिक निगम, मिलालई


उप अभियन्ता
नगर पालिक निगम, मिलालई