

MUNICIPAL CORPORATION OF BHILAI

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कार्य का नाम - नगर निगम भिलाई क्षेत्र अंतर्गत स्वच्छता सर्वेक्षण हेतु परी गार्डन का संधारण कार्य।

As Per PWD Building, ELEC SOR 2020, & ROAD SOR 01.01.2025

S.N.	PARTICULARS OF ITEMS	Quantity	UOM
1	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. for strut at corner L 50x50 x 5 mm @ 3.8kg/m	17.1	Kg
2	Structural steel work in single section including cutting, holting, fixing in position and applying a priming coat of red oxide zinc chromate primer. for light frame	49	Kg
3	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	11.25	sqm
4	Wall painting with acrylic luxury emulsion (plastic) paint of required shade to give an even shade. 14.11.1 On new work (two or more coats) beam pathway beam	348	sqm
5	Painting on new work (two or more coats) to give an even shade with: 14.22.1 Satin synthetic enamel paint	416	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.	5.25	Cum
7	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).	229.5	Cum
8	Removing of existing laid 60mm/80mm thick precast interlocking concrete paver blocks without any damaged in any shape and pattern, over coarse sand bed with stacking of block in proper manner with in the lead of 100.00 mt inclusive of all labour etc complete the work.	105.6	Sqm
9	Laying only of paver block 60mm/80mm thick precast interlocking concrete blocks in any shape/pattern, including and over 50 mm thick average coarse sand bed with joints of 3mm thick filled by fine sand including leveling with surface vibrator, temping and sweeping etc. complete for the work.	105.6	Sqm
10	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	79.2	Sqm

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11	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).	2.64	cum
12	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).	1687.5	Sqm
13	Grassing with 'Doob' grass including watering and maintenance of the lawn for 30 days or more till the grass forms a thick lawn free from weeds and fit for mowing including supplying good earth if needed (the good earth shall be paid for separately) In rows 7.5 cm apart in either direction.	1687.5	Sqm
14	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 2.50 sq.mm 1x2 =	18	Sqm
15	Providing and fixing porcelain re-wireable fuse carrier and base unit on wooden board including drilling holes on the board, screws, connections etc. as per specification. (Thimbeling shall be paid separately). 32 amps	1	Each
16	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, Separate housing for driver etc complete as per specification and P.A. should be greater than 0.9. LED chip efficacy ratio ≥ 120 lumens /watt. 120 watt	6	Each
17	Supplying and laying following sizes one number FRLS PVC insulated/ XLPE, PVC sheathed, unarmoured, aluminium conductor power cable of 1.1 KV grade on surface/ existing cable tray with 1 mm thick GI saddle as per specification, IS: 1554 (1988, Part 1) / IS: 7028 (1988, Part 1). 2 x 10 sq. mm	150	Meter
18	Supplying, installation, testing and commissioning of Acrylic LED light (a) Specification of Acrylic 3 mm thick x 3 " width x 4 " depth *(imbose) (b) Specification of LED modules :- Each Moduel should have 6 Nos LED of 1 watt	2	SQFT
19	Providing and planting following herbs in garden including preparation of soil, base plantation, providing and spreading different fertilizers, soil and sand: 22.25.1 Hedges like Alife, Dorenta, Tikoma etc	200	Each
20	Floor painting with superior quality enamel paint to give an even shade. 14.35.1 On new work (two or more coats)	264	Sqm
21	Planting of Trees and their Maintenance for one Year Planting of trees by the road side (Avenue trees) in 0.60 m dia. holes, 1 m. deepsaplings, backfilling the trench, watering, fixing the tree guard and maintaining the plants for one year)	50	nos

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