

MUNICIPAL CORPORATION BHILAI (C.G.)

NIT


कार्य का नाम :- जोन-01 अंतर्गत विभिन्न उद्यानों में विद्युत एवं उद्यान संधारण कार्य।

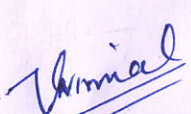
(As Per PWD ElectricalSOR 01.07.2015 & Buliding / Road Sor 01.01.2015)

S.No.	Description and details of work	Qty.	Unit
1	Providing and planting following herbs in garden including preparation of soil, base plantation, providing and spreading different fertilizers, soil and sand:.		
	Carpet grass (well developed)	270.00	Sqm
	Hedges like Alife, Dorenta, Tikoma etc	50.00	Each
	Furn like Arica, China etc (3 year old)	30.00	Each
2	Providing and planting of 3"0" to 4"0" heighthed wasingtonia, filipharia/bismarkia novelist plam plants with 1"6" x 1"6" depth pit formation and soil preparation, (Mixing organic manure and plant"s protection insecticide). Up to 4 month maintenance.	28.00	Each
3	Providing and planting of plumeria (Champa) 2"0" to 3"0" heighthed plants with 1"0" x 1"0"x1"6" depth pit formation and soil preparation work"s, (Mixing organic manure and plant"s protection insecticide). Up to 4 month maintenance.	25.00	Each
4	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) 2 x 2.5 sq. mm	300.00	Metre
5	Supplying, fixing, testing and commissioning of following LED lamps with inbuilt electronic driver heat sink and all other accessories in existing holder/ luminaries as per specification and P.F. should be greater than 0.9. LED chip efficacy ratio \geq 100 lumens /watt. 15 Watt	16.00	Each
6	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. 80 watt	30.00	Each
7	Supplying and fixing SP MCB, 240 volts, 'B' curve, suitable for lighting and other loads in the existing MCB DB complete with connections, testing and commissioning etc. as per specification. 6 amps to 32 amps	30.00	Each
8	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 excavtion, sand cushioning, protective covering and refilling the trench etc as per specification, IS: 1554 (1988, Part 1) / IS: 7098 (1988, Part 1).4 x 10 sq. mm.	500.00	Metre
9	Supplying, fixing and cramping suitable size and all type aluminium ferule/ lugs to following size 1.1 KV grade power cable core / lead, pressed with high pressure cramping tool including connection to switch gear/ MCCB etc as per specification. .	60.00	Each

S.No.	Description and details of work	Qty.	Unit
10	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-2 height 7.00 metre	15.00	Each
11	Supply of GI PIPE POLE made of "B" class GI pipe making necessary hole for cable entry and providing earthing stud (welded at specified height) including painting with one coat of red oxide zinc chromate primer.	100.00	Metre
12	Supply and fixing following street light pole bracket on existing pole made out of 50 mm dia MS "B" class pipe welded to 300 mm long MS pole canopy of suitable dia at a angle of 102.50 including having MS triangular stiffener of size 150 X 50 X 5 mm thick, making arrangement for tightening the bracket with pole by providing suitable size heavy duty nuts and bolts in canopy, painting with one coat of approved steel primer etc. as per specification. Double Over Hang 1.00 metre Long	15.00	Each
13	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: 7 metre to 10 metre	15.00	Each
14	Erection of steel tubular or "H beam POLE STRUT in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation including excavation and refilling and securing with holding clamps, bolts and nuts etc. as per specification:	15.00	Each
15	Supplying and fixing water tight terminal box made of 1.6mm thick M.S. sheet with detachable gland plate in bottom, hinged front open able 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 40x3mm M.S. flat with 2 No nut bolt dully painted with 2 coat of red oxide paint and 2 coat aluminium paint complete as per specification.	15.00	Each
16	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 6 metre and upto 8 metre	15.00	Each
NON SOR ITEM			
1	Garden Light 10"	15.00	Nos


Executive Engineer
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Asstt. Engineer
Municipal Corporation
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Sub. Engineer
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