

# MUNICIPAL CORPORATION OF BHILAI

## NIT

नाम:- वार्ड 68 सेक्टर 08 सड़क 15,16 के मध्य मिनी उद्यान निर्माण कार्य

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

### PARTICULERS OF ITEMS

S.N.	Quantity	UOM
1	52.480	Cum
2	16.000	Cum
3	11.070	Cum
4	30.210	Cum
5	64.000	sqm
6	626.8	kg
7	0.68	Cum
8	7.68	Cum
9	107.77	kg
10	5.52	sqm
11	5.52	sqm
12	5.10	sqm
13	81.36	sqm
14	3.05	Cum
15	7.01	Cum
16	9.15	Cum
17	111.88	Sqm

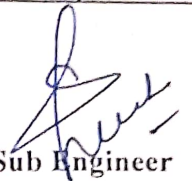




	washing with whiting to give an even shade. On new work (Three or more coats)	111.88	Sqm
	tempering with acrylic washable distemper to give an even shade. On new work (Two or more coats)	111.88	Sqm
	Providing and placing in position angle iron post and strut of required size including bottom to be split 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	1007.101	Kg
21	Painting on new work (two or more coats) to give an even shade with: Premium synthetic enamel paint	368.62	Sqm
22	Providing and fixing in position welded steel wire fabric to concrete/ wooden/ angle iron posts including securing and screwing with G.I. tying wire, G.I. staples, G.I. U-nails or steel pins etc., complete	183.08	Sqm
23	Supply Of Swaged steel tubular Pole as per IS 2713 with base plate of size 300 x 3000 x 6 mm welded at bottom ----- specified height including painting with one coat of red oxide zinc chromate primer. Designation 410 SP-26 height 9.00 metre	1	Each
24	Erection of STEEL TUBULAR or "II" 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	1	Each
25	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. 30 x 20 x 15 cms	1	Each
26	Supplying and making end termination with brass compression gland and aluminum lugs for following size armoured aluminum conductor power cable of 1.1 KV grade as per specification. 3 X 25 sq. mm (25 mm)	3	Each
27	Supply & fixing & cramping suitable size & all type aluminum ferule/lugs for following size 1.1 KV grade power cable core/lead pressed with high pressure cramping tool including connection to switch gear/MCCB etc as required 25 sq.mm. Item - 17.28.4	2	Each
28	Supplying and fixing G.I. pipe along with wall or pole/ support with 2 Nos MS clamps for protection of under ground cable in approved manner including bolts and nuts or metal dash fasteners complete as per specification. 32 mm dia	50	Meter
29	Painting new steel and other metallic surface with red oxide zinc chromide primer paint complete with supply of material labour etc. including preparation of surface	6.3	Sqm
30	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 1.50 metre Long	2	Each
31	Painting wood steel and other metallic surface with Aluminium Paint complete with material and labour including preparation of surface.	6.3	Sqm
32	Providing and laying Cast-in-situ cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm including mixing with mechanical mixer, compacting with vibrator, finishing and currying etc. complete but excluding form work.	0.25	Cum
33	Providing timber / steel form work for cement concrete work at all levels including removing of the same.	2.83	Sqm
34	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	Set
35	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	18	Sqm
36	Providing and fixing porcelain re-wireble 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

	ing, installation, testing and commissioning of following 230/250 volts LED street light fitting all accessories like driver, heat sink made of die cast aluminium with IP 66 protection and 15 KV arge protection on pole bracket, including connection, earthing, Separate housing for driver etc complete as per specification and P.F. should be greater than 0.9. LED chip efficacy ratio $\geq$ 120 lumens /watt, 120 watt	1	Each
38	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 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 16 sq. mm	20	mtr
39	Supplying, installation, testing and commissioning of following LED Rope light complete as per specification and IP65, P.F. should be greater than 0.75 9 Watt per Metre White / Warm White	10	mtr

Asstt. Engineer  
Municipal Corporation  
Bhilai(C.G.)

  
Sub Engineer  
Municipal Corporation  
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