

Schedule of Work

Sl.No.	Specification	Quantity	Unit	Rate	Amount
1	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required.				
1.1	Upto 35 Sq.mm (clamped with 1 mm thick saddle)	20.0000	M	27.0000	540.0000
2	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 11 KV grade of following size in the existing RCC / HUME / METAL / PVC pipe as required.				
2.1	Upto 120 Sq.mm	60.0000	M	16.0000	960.0000
3	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation and refilling the trench etc. as required but excluding sand cushioning and protective covering.				
3.1	Upto 35 Sq.mm	1100.0000	M	98.0000	107800.0000
4	Laying of one number additional PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground in the same trench in one tier horizontal formation including excavation and refilling the trench etc. as required, but excluding sand cushioning and protective covering.				
4.1	Upto 35 Sq.mm	70.0000	M	62.0000	4340.0000
5	Supply of one number PVC Insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following sizes				
5.1	2 core 4 Sq.mm	900.0000	M	95.0000	85500.0000
5.2	2 core 6 Sq.mm	300.0000	M	115.0000	34500.0000
5.3	2 core 10 sqmm	70.0000	M	178.0000	12460.0000
5.4	4 core 25 Sq.mm	60.0000	M	312.0000	18720.0000
6	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.				
6.1	2 × 6/4 Sq.mm (19 mm)	170.0000	Each	150.0000	25500.0000
6.2	2 × 10 Sq.mm (19 mm)	4.0000	Each	150.0000	600.0000
6.3	4 × 25 Sq.mm (28 mm)	4.0000	Each	262.0000	1048.0000
7	Supply and installation OUTDOOR feeder pillar box (sintex make of size 700×480×210 mm)comprising 1 No 3 phase 4 way double door MCBDB with 1 No 40 A 4 pole 100 mA RCCB and 1 No 40 A 4 pole miniature type isolator as incoming and 12 Nos. 6/10 A SPMCB C Curve as out going fixing the same on existing concrete foundation using suitable size angle Iron supports	2.0000	Each	16153.0000	32306.0000

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	etc.as required(outdoor feeder pillar box for yard lights)				
8	Supply and installation out door feeder pillar box (sintex make of size 400 × 3000 × 190 mm) comprising 1 no 1 phase 6 way double door MCBDB with 1 no 40 A 2 pole miniature type isolator as incoming and 4 Nos 6/10 A SPMCB C Curve as out going fixing the same on wall using suitable size angle iron supports etc. as required (outdoor feeder pillar box for spot lights on wall)	2.0000	Each	4554.0000	9108.0000
9	Supply and installation of 30 W LED flood light fittings complete with all accessories, fixing the same on existing concrete foundation and giving connections with existing wire as required (havels make LHEPCZEIN 6 W030/BAJAJ make MAGNUM BJFL/equivalent make of philips/crompton)	65.0000	Each	3730.0000	242450.0000
10	Supply and installation of 12W LED ceiling fitting 6000 K with all accessories , fixing the same on ceiling and giving connections with existing wire as required(Havels make CROWN LED 12W /BAJAJ /PHILIPS/CROMPTON)	1.0000	Each	2300.0000	2300.0000
11	Supply conveyance installation of POLYGONAL POLES of height 2440 mm made out of pre coated GI sheet in polygonal formation,welded to a specially designed top receptacle to mount post top luminaries with 60 × 50 mm or 50 × 50 mm spigot assembly and bottom GI base plate.The pole with built in cylindrical GI control box with service door is coated with epoxy zinc phosphate primer finished with polyurethane based black paint. the control gear tray is prewired with BCB,terminal connectors for loop in loop out and suitable for operation on 240 V 50 HZ single AC supply including supply and fixing post top lantern CFL type,fixing the same concrete foundation and giving connections etc as required (METAL COATS polygonal poles ID no.7005 and fixing ID no.5944/equivalent make bajaj cat no.BRPTCI 111 clear)	30.0000	Each	17366.0000	520980.0000
12	Supply conveyance installation of decorative type CHINAR POLE made of 76 × 60 mm dia GI tube, 3.66 M height swaged construction with intervening circular mini discs for enhanced aesthetics built in GI cylindrical control box at the bottom with service door and circular base plate. the pole can be integrated to a variety of post top luminaries. the pole is coated with epoxy zincphosphate primer and finished with poly urethane paint. the control gear tray is pre wired with MCB, terminal connectors for loop in loop out and suitable for operation on 240 V, 50 HZ single phase AC supply including supply and fixing post top lantern CFL type and giving connections with existing flex wire fixing the same on existing concrete foundation using suitable size bolt and nuts etc as required (METAL COATS CHINAR POLE ID NO.4233 and lotto luminaries ID no.5918/Bajaj cat.no.BJGI I 218 Clear, 2 × 18 W D type CFL)	12.0000	Each	24663.0000	295956.0000
13	Supply conveyance installation of decorative type STREET MOON POLE swaged polewith a moon	2.0000	Each	50133.0000	100266.0000

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	<p>bracket suitable for mounting four numbers of flood light luminaries. The luminaries are wide spread directional flood lights and can be rotated on its own axis and also tilted for aiming at different angles. the GI pole is 8.84 metre long provided with a foundation base plate and the bracket assembly is secured on to the pole top by means of 2 annular rings with allen grub screws. the swaged pole with brackety,built in cylindrical GI control box with service door is coated with epoxy zinc phosphate primer and finished with polyurethane based paint. the control gear tray is prewired with MCB, terminal connectors for loop in and loop out and suitable for operation on 240 V,50 HZ, AC single phase supply(METAL COATS street moon of height 8.84 M ID no.4709/Bajaj/Havels)</p>				
14	<p>Supply and installation of Diecast aluminium IP 66,80W LED flood light luminarie with high power LEDs as light source fixing the same on street moon pole and giving connections with existing flex wire (Havels make 80W LED 6K LHEMACP7PN6S 080/Bajaj/philips/crompton)</p>	8.0000	Each	21662.0000	173296.0000
15	<p>Supply and installation of Diecast aluminium IP 66,80W LED flood light luminarie with high power LEDs as light source fixing the same on suitable size GI pole grouted on concrete foundation and giving connections with existing flex wire (Havels make 80W LED 6K LHEMACP7PN 6S 080 /Bajaj/Philips/Crompton) (for flood lighting of building)</p>	2.0000	Each	22286.0000	44572.0000
16	<p>Supply and installation of 2 × 18 W CFL posttop lantern with 2 nos 18 W CFL fixing the same on suitable size GI pipe grouted on pillar of the gate and giving connections etc as required (Bajaj make cat no.BJGLI218 clear /equivalent make of / MEPRO/havels)for gate lights</p>	2.0000	Each	6769.0000	13538.0000
17	<p>Supply and drawing the following size of multicore PVC insulated and PVC sheathed 650/1100 V grade copper conductor round flexible cables conforming to IS 694 part 1 1960 in the existing surface/recess conduit as required including giving necessary connections of the following sizes.</p>				
17.1	3 Core 1.50 sq.mm.	150.0000	M	78.0000	11700.0000
17.2	3 Core 2.50 sq.mm.	100.0000	M	114.0000	11400.0000
18	<p>Supplying and clamping the following sizes of corrugated PVC flexible conduit with necessary compression gland with locking ring and check nut at termination pointed using suitable size GI / painted MS saddles spacing not exceeding 60 cms on surface including making good the damages,colour washing etc.as required.</p>				
18.1	16 mm dia	100.0000	M	48.0000	4800.0000
18.2	20 mm dia	50.0000	M	52.0000	2600.0000
19	<p>Providing and fixing 3.15 mm dia copper wire on surface or in recess for loop earthing along with existing surface / recessed conduit / submain wiring</p>	120.0000	M	62.0000	7440.00

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	/ cable as required.				
20	Providing and fixing 2.65 mm dia copper wire on surface or in recess for loop earthing along with existing surface / recessed conduit/ submain wiring / cable as required.	1200.0000	M	43.0000	51600.0000
21	supply and laying 32 mm dia PVC pipe(8 Kgf/cm ²) in the existing trench for protection of 4/6/10 Sqmm UG cable.	1000.0000	M	36.0000	36000.0000
22	supply and laying 40 mm dia GI pipe medium class in the existing trench for protection of 25 Sqmm UG cable.	50.0000	M	188.0000	9400.0000
23	Supply route marker with 102 mm × 102mm cast iron ,spike 5 mm thick with inscription 'LT Cable' there on bolted / welded to 35 × 35 × 6 mm angle oron 60 cm long and fixing the same in ground as required.	30.0000	Each	194.0000	5820.0000
24	Supplying and installation of supports ,anchor bolts etc made out of suitable size angle section MS angle, flats etc as required including painting with 2 coats of synthetic enamel paint.	60.0000	Kg	76.0000	4560.0000
25	CIVIL WORKS				
25.1	Earth work excavation in hard soil and depositing with a lead up to 50 m and lift above 1.50 m but up to 3.00 m including neat banking	5.0000	M ³	254.9300	1274.6500
25.2	Cement concrete 1:3:6 using 20 mm (nominal size) broken stone for reinforced concrete work	5.0000	M ³	6407.8900	32039.4500
25.3	Plastering with cement mortar 1:4, 12 mm thick one coat	3.0000	M ²	210.8400	632.5200
	TOTAL				1906006.6200