

SR. NO.	DESCRIPTION	QUANTITY	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT MAT COST	TOTAL MAT COST	UNIT LAB COST	TOTAL LAB COST	TOTAL COST
<b>DISTRIBUTION</b>										
	<b>CABLING</b>									
1	4C 25mm2 Cu/XLPE/PVC, 16mm2 ECC	68	10%	74.8	LM	\$ 20.49	\$ 1,532.35	\$ 12.97	970.16	\$ 2,503
2	(6 X 1C)PH + (2 X 1C)N240mm2 Cu/XLPE/PVC, 185mm2 ECC	106	10%	116.6	LM	\$ 28.52	\$ 3,325.39	\$ 18.06	2,105.37	\$ 5,431
3	4C 35mm2 Cu/XLPE/PVC, 25mm2 ECC	110	10%	121	LM	\$ 24.50	\$ 2,964.84	\$ 15.51	1,877.10	\$ 4,842
4	4C 25mm2 Cu/XLPE/PVC, 16mm2 ECC	83	10%	91.3	LM	\$ 24.30	\$ 2,218.77	\$ 15.39	1,404.75	\$ 3,624
5	(3 X 1C) PH + (1 X 1C)N 70mm2 Cu/XLPE/PVC 50mm2 ECC	214	10%	235.4	LM	\$ 31.93	\$ 7,517.25	\$ 20.22	4,759.33	\$ 12,277
6	(3 X 1C) PH + (1 X 1C)N 150mm2 Cu/XLPE/PVC 70mm2 ECC	81	10%	89.1	LM	\$ 32.54	\$ 2,899.00	\$ 20.60	1,835.42	\$ 4,734
7	2C 10mm2 Cu/XLPE/PVC, 2.5mm2 ECC	27	10%	29.7	LM	\$ 33.94	\$ 1,008.09	\$ 21.49	638.24	\$ 1,646
8	(3 X 1C) PH + (1 X 1C)N 150mm2 Cu/XLPE/PVC 25mm2 ECC	22	10%	24.2	LM	\$ 23.30	\$ 563.81	\$ 14.75	356.96	\$ 921
9	4C 70mm2 Cu/XLPE/PVC, 6mm2 ECC	24	10%	26.4	LM	\$ 31.13	\$ 821.85	\$ 19.71	520.33	\$ 1,342
10	4C 70mm2 Cu/XLPE/PVC, 10mm2 ECC	15	10%	16.5	LM	\$ 25.11	\$ 414.24	\$ 15.89	262.26	\$ 677
11	4C 25mm2 Cu/XLPE/PVC, 10mm2 ECC	12	10%	13.2	LM	\$ 28.52	\$ 376.46	\$ 18.06	238.34	\$ 615
12	4C 10mm2 Cu/XLPE/PVC, 6mm2 ECC	61	10%	67.1	LM	\$ 26.71	\$ 1,792.38	\$ 16.91	1,134.79	\$ 2,927
13	4C 10mm2 Cu/XLPE/PVC, 6mm2 ECC	47	10%	51.7	LM	\$ 21.89	\$ 1,131.81	\$ 13.86	716.57	\$ 1,848
14	4C 10mm2 Cu/XLPE/PVC, 2.5mm2 ECC	23	10%	25.3	LM	\$ 26.51	\$ 670.73	\$ 16.78	424.66	\$ 1,095
15	4C 10mm2 Cu/XLPE/PVC, 10mm2 ECC	50	10%	55	LM	\$ 33.94	\$ 1,866.83	\$ 21.49	1,181.93	\$ 3,049
16	4C 10mm2 Cu/XLPE/PVC, 4mm2 ECC	36	10%	39.6	LM	\$ 23.30	\$ 922.59	\$ 14.75	584.11	\$ 1,507
17	4C 16mm2 Cu/XLPE/PVC, 10mm2 ECC	45	10%	49.5	LM	\$ 31.13	\$ 1,540.96	\$ 19.71	975.62	\$ 2,517
18	2C 25mm2 Cu/XLPE/PVC, 10mm2 ECC	72	10%	79.2	LM	\$ 25.11	\$ 1,988.34	\$ 15.89	1,258.86	\$ 3,247
19	2C 25mm2 Cu/XLPE/PVC, 6mm2 ECC	53	10%	58.3	LM	\$ 28.52	\$ 1,662.69	\$ 18.06	1,052.69	\$ 2,715
20	2C 10mm2 Cu/XLPE/PVC, 4mm2 ECC	29	10%	31.9	LM	\$ 26.71	\$ 852.11	\$ 16.91	539.49	\$ 1,392
21	2C 16mm2 Cu/XLPE/PVC, 6mm2 ECC	44	10%	48.4	LM	\$ 21.89	\$ 1,059.56	\$ 13.86	670.83	\$ 1,730
22	2C 10mm2 Cu/XLPE/PVC, 2.5mm2 ECC	25	10%	27.5	LM	\$ 31.13	\$ 856.09	\$ 19.71	542.01	\$ 1,398
23	2C 35mm2 Cu/XLPE/PVC, 10mm2 ECC	180	10%	198	LM	\$ 24.50	\$ 4,851.55	\$ 15.51	3,071.62	\$ 7,923
24	2C 35mm2 Cu/XLPE/PVC, 16mm2 ECC	106	10%	116.6	LM	\$ 24.30	\$ 2,833.61	\$ 15.39	1,794.01	\$ 4,628
25	2C 25mm2 Cu/XLPE/PVC, 6mm2 ECC	60	10%	66	LM	\$ 31.93	\$ 2,107.64	\$ 20.22	1,334.39	\$ 3,442
26	2C 16mm2 Cu/XLPE/PVC, 10mm2 ECC	11	10%	12.1	LM	\$ 32.54	\$ 393.69	\$ 20.60	249.25	\$ 643
27	2C 25mm2 Cu/XLPE/PVC, 10mm2 ECC	78	10%	85.8	LM	\$ 33.94	\$ 2,912.26	\$ 21.49	1,843.81	\$ 4,756
28	2C 10mm2 Cu/XLPE/PVC, 4mm2 ECC	30	10%	33	LM	\$ 23.30	\$ 768.83	\$ 14.75	486.76	\$ 1,256
29	2C 16mm2 Cu/XLPE/PVC, 10mm2 ECC	99	10%	108.9	LM	\$ 31.13	\$ 3,390.12	\$ 19.71	2,146.36	\$ 5,536
30	2C 10mm2 Cu/XLPE/PVC, 4mm2 ECC	26	10%	28.6	LM	\$ 25.11	\$ 718.01	\$ 15.89	454.59	\$ 1,173
31	4C 10mm2 Cu/XLPE/PVC, 4mm2 ECC	75	10%	82.5	LM	\$ 28.52	\$ 2,352.87	\$ 18.06	1,489.65	\$ 3,843
32	2C 25mm2 Cu/XLPE/PVC, 10mm2 ECC	76	10%	83.6	LM	\$ 26.71	\$ 2,233.13	\$ 16.91	1,413.84	\$ 3,647
33	2C 35mm2 Cu/XLPE/PVC, 6mm2 ECC	57	10%	62.7	LM	\$ 21.89	\$ 1,372.62	\$ 13.86	869.03	\$ 2,242
34	2C 16mm2 Cu/XLPE/PVC, 4mm2 ECC	38	10%	41.8	LM	\$ 21.89	\$ 915.08	\$ 13.86	579.36	\$ 1,494
35	2C 35mm2 Cu/XLPE/PVC, 25mm2 ECC	8	10%	8.8	LM	\$ 26.51	\$ 233.30	\$ 16.78	147.71	\$ 381
36	2C 10mm2 Cu/XLPE/PVC, 4mm2 ECC	30	10%	33	LM	\$ 33.94	\$ 1,120.10	\$ 21.49	709.16	\$ 1,829
37	4C 70mm2 Cu/XLPE/PVC, 50mm2 ECC	108	10%	118.8	LM	\$ 23.30	\$ 2,767.77	\$ 14.75	1,752.33	\$ 4,520
38	4C 35mm2 Cu/XLPE/PVC, 16mm2 ECC	11	10%	12.1	LM	\$ 31.13	\$ 376.68	\$ 19.71	238.48	\$ 615
39	4C 70mm2 Cu/XLPE/PVC, 35mm2 ECC	87	10%	95.7	LM	\$ 25.11	\$ 2,402.58	\$ 15.89	1,521.12	\$ 3,924
40	2C 35mm2 Cu/XLPE/PVC, 10mm2 ECC	115	10%	126.5	LM	\$ 28.52	\$ 3,607.73	\$ 18.06	2,284.13	\$ 5,892
41	2C 25mm2 Cu/XLPE/PVC, 10mm2 ECC	95	10%	104.5	LM	\$ 26.71	\$ 2,791.41	\$ 16.91	1,767.30	\$ 4,559
42	2C 25mm2 Cu/XLPE/PVC, 6mm2 ECC	71	10%	78.1	LM	\$ 21.89	\$ 1,709.75	\$ 13.86	1,082.48	\$ 2,792
43	2C 16mm2 Cu/XLPE/PVC, 4mm2 ECC	46	10%	50.6	LM	\$ 31.13	\$ 1,575.21	\$ 19.71	997.30	\$ 2,573
44	2C 16mm2 CU/XLPE/PVC, 6mm2 ECC	53	10%	58.3	LM	\$ 24.50	\$ 1,428.51	\$ 15.51	904.42	\$ 2,333
45	2C 10mm2 Cu/XLPE/PVC, 4mm2 ECC	32	10%	35.2	LM	\$ 24.30	\$ 855.43	\$ 15.39	541.59	\$ 1,397
46	2C 10mm2 CU/XLPE/PVC, 4mm2 ECC	14	10%	15.4	LM	\$ 31.93	\$ 491.78	\$ 20.22	311.36	\$ 803
47	2C 10mm2 CU/XLPE/PVC, 4mm2 ECC	33	10%	36.3	LM	\$ 28.52	\$ 1,035.26	\$ 18.06	655.45	\$ 1,691

48	2C 16mm2 CU/XLPE/PVC, 6mm2 ECC	63	10%	69.3	LM	\$ 26.71	\$ 1,851.15	\$ 16.91	1,172.00	\$ 3,023
49	2C 16mm2 CU/XLPE/PVC, 4mm2 ECC	44	10%	48.4	LM	\$ 21.89	\$ 1,059.56	\$ 13.86	670.83	\$ 1,730
50	2C 35mm2 CU/XLPE/PVC, 10mm2 ECC	106	10%	116.6	LM	\$ 26.51	\$ 3,091.21	\$ 16.78	1,957.11	\$ 5,048
51	2C 25mm2 CU/XLPE/PVC, 10mm2 ECC	81	10%	89.1	LM	\$ 33.94	\$ 3,024.27	\$ 21.49	1,914.73	\$ 4,939
52	2C 35mm2 CU/XLPE/PVC, 10mm2 ECC	108	10%	118.8	LM	\$ 23.30	\$ 2,767.77	\$ 14.75	1,752.33	\$ 4,520
53	2C 25mm2 CU/XLPE/PVC, 10mm2 ECC	96	10%	105.6	LM	\$ 31.13	\$ 3,287.39	\$ 19.71	2,081.31	\$ 5,369
54	(6 X 1C)PH + (2 X 1C)N 120mm2 Cu/XLPE/PVC, 70mm2 ECC	54	10%	59.4	LM	\$ 25.11	\$ 1,491.26	\$ 15.89	944.14	\$ 2,435
55	(6 X 1C)PH + (2 X 1C)N 120mm2 Cu/XLPE/PVC, 35mm2 ECC	28	10%	30.8	LM	\$ 28.52	\$ 878.40	\$ 18.06	556.14	\$ 1,435
56	(6 X 1C)PH + (2 X 1C)N 120mm2 Cu/XLPE/PVC, 120mm2 ECC	89	10%	97.9	LM	\$ 26.71	\$ 2,615.11	\$ 16.91	1,655.68	\$ 4,271
57	(2 X 1C)PH + (1 X 1C)N 120mm2 Cu/XLPE/PVC, 16mm2 ECC	22	10%	24.2	LM	\$ 21.89	\$ 529.78	\$ 13.86	335.42	\$ 865
58	4C 70mm2 Cu/XLPE/PVC, 50mm2 ECC	130	10%	143	LM	\$ 31.13	\$ 4,451.67	\$ 19.71	2,818.45	\$ 7,270
59	4C 16mm2 Cu/XLPE/PVC, 4mm2 ECC	28	10%	30.8	LM	\$ 24.50	\$ 754.69	\$ 15.51	477.81	\$ 1,232
60	4C 70mm2 Cu/XLPE/PVC, 50mm2 ECC	129	10%	141.9	LM	\$ 24.30	\$ 3,448.45	\$ 15.39	2,183.28	\$ 5,632
61	4C 70mm2 Cu/XLPE/PVC, 35mm2 ECC	93	10%	102.3	LM	\$ 31.93	\$ 3,266.84	\$ 20.22	2,068.31	\$ 5,335
62	4C 10mm2 Cu/XLPE/PVC, 4mm2 ECC	28	10%	30.8	LM	\$ 32.54	\$ 1,002.12	\$ 20.60	634.47	\$ 1,637
63	(3 X 1C)PH + (1 X 1C)N 150mm2 Cu/XLPE/PVC, 70mm2 ECC	93	10%	102.3	LM	\$ 33.94	\$ 3,472.31	\$ 21.49	2,198.39	\$ 5,671
64	2C 6mm2 Cu/XLPE/PVC, 2.5mm2 ECC	15	10%	16.5	LM	\$ 23.30	\$ 384.41	\$ 14.75	243.38	\$ 628
65	2C 4mm2 Cu/XLPE/PVC, 1.5mm2 ECC	15	10%	16.5	LM	\$ 31.13	\$ 513.65	\$ 19.71	325.21	\$ 839
66	4C 10mm2 Cu/XLPE/PVC, 4mm2 ECC	30	10%	33	LM	\$ 26.71	\$ 881.50	\$ 16.91	558.09	\$ 1,440
67	2C 10mm2 Cu/XLPE/PVC, 2.5mm2 ECC	28	10%	30.8	LM	\$ 21.89	\$ 674.27	\$ 13.86	426.89	\$ 1,101
68	4C 16mm2 Cu/XLPE/PVC, 6mm2 ECC	43	10%	47.3	LM	\$ 26.51	\$ 1,253.98	\$ 16.78	793.92	\$ 2,048
69	2C 16mm2 Cu/XLPE/PVC, 4mm2 ECC	30	10%	33	LM	\$ 33.94	\$ 1,120.10	\$ 21.49	709.16	\$ 1,829
70	4C 10mm2 Cu/XLPE/PVC, 6mm2 ECC	42	10%	46.2	LM	\$ 23.30	\$ 1,076.36	\$ 14.75	681.46	\$ 1,758
71	2C 10mm2 Cu/XLPE/PVC, 2.5mm2 ECC	31	10%	34.1	LM	\$ 31.13	\$ 1,061.55	\$ 19.71	672.09	\$ 1,734
72	2C 25mm2 Cu/XLPE/PVC, 10mm2 ECC	67	10%	73.7	LM	\$ 25.11	\$ 1,850.26	\$ 15.89	1,171.44	\$ 3,022
73	2C 16mm2 Cu/XLPE/PVC, 6mm2 ECC	46	10%	50.6	LM	\$ 28.52	\$ 1,443.09	\$ 18.06	913.65	\$ 2,357
74	2C 35mm2 Cu/XLPE/PVC, 10mm2 ECC	98	10%	107.8	LM	\$ 26.71	\$ 2,879.56	\$ 16.91	1,823.11	\$ 4,703
75	2C 25mm2 Cu/XLPE/PVC, 10mm2 ECC	78	10%	85.8	LM	\$ 21.89	\$ 1,878.32	\$ 13.86	1,189.20	\$ 3,068
76	2C 35mm2 Cu/XLPE/PVC, 16mm2 ECC	116	10%	127.6	LM	\$ 31.13	\$ 3,972.26	\$ 19.71	2,514.92	\$ 6,487
77	2C 25mm2 Cu/XLPE/PVC, 25mm2 ECC	9	10%	9.9	LM	\$ 25.11	\$ 248.54	\$ 15.89	157.36	\$ 406
78	2C 16mm2 Cu/XLPE/PVC, 6mm2 ECC	48	10%	52.8	LM	\$ 28.52	\$ 1,505.84	\$ 18.06	953.38	\$ 2,459
79	2C 10mm2 Cu/XLPE/PVC, 4mm2 ECC	29	10%	31.9	LM	\$ 26.71	\$ 852.11	\$ 16.91	539.49	\$ 1,392
80	2C 35mm2 Cu/XLPE/PVC, 10mm2 ECC	5	10%	5.5	LM	\$ 21.89	\$ 120.41	\$ 13.86	76.23	\$ 197
81	2C 25mm2 Cu/XLPE/PVC, 10mm2 ECC	67	10%	73.7	LM	\$ 31.13	\$ 2,294.32	\$ 19.71	1,452.58	\$ 3,747
82	2C 16mm2 Cu/XLPE/PVC, 4mm2 ECC	40	10%	44	LM	\$ 24.50	\$ 1,078.12	\$ 15.51	682.58	\$ 1,761
83	2C 10mm2 Cu/XLPE/PVC, 2.5mm2 ECC	23	10%	25.3	LM	\$ 24.30	\$ 614.84	\$ 15.39	389.27	\$ 1,004
84	2C 35mm2 Cu/XLPE/PVC, 10mm2 ECC	80	10%	88	LM	\$ 31.93	\$ 2,810.19	\$ 20.22	1,779.19	\$ 4,589
85	2C 16mm2 Cu/XLPE/PVC, 10mm2 ECC	58	10%	63.8	LM	\$ 28.52	\$ 1,819.55	\$ 18.06	1,152.00	\$ 2,972
86	4C 10mm2 Cu/XLPE/PVC, 4mm2 ECC	31	10%	34.1	LM	\$ 26.71	\$ 910.88	\$ 16.91	576.70	\$ 1,488
87	2C 35mm2 Cu/XLPE/PVC, 10mm2 ECC	99	10%	108.9	LM	\$ 21.89	\$ 2,384.02	\$ 13.86	1,509.37	\$ 3,893
88	4C 16mm2 Cu/XLPE/PVC, 10mm2 ECC	70	10%	77	LM	\$ 26.51	\$ 2,041.36	\$ 16.78	1,292.43	\$ 3,334
89	2C 25mm2 Cu/XLPE/PVC, 10mm2 ECC	83	10%	91.3	LM	\$ 33.94	\$ 3,098.94	\$ 21.49	1,962.00	\$ 5,061
90	2C 25mm2 Cu/XLPE/PVC, 6mm2 ECC	66	10%	72.6	LM	\$ 23.30	\$ 1,691.42	\$ 14.75	1,070.87	\$ 2,762
91	2C 16mm2 Cu/XLPE/PVC, 4mm2 ECC	48	10%	52.8	LM	\$ 31.13	\$ 1,643.69	\$ 19.71	1,040.66	\$ 2,684
92	2C 35mm2 Cu/XLPE/PVC, 10mm2 ECC	108	10%	118.8	LM	\$ 25.11	\$ 2,982.51	\$ 15.89	1,888.29	\$ 4,871
93	2C 25mm2 Cu/XLPE/PVC, 10mm2 ECC	82	10%	90.2	LM	\$ 28.52	\$ 2,572.47	\$ 18.06	1,628.68	\$ 4,201
94	2C 25mm2 Cu/XLPE/PVC, 10mm2 ECC	90	10%	99	LM	\$ 26.71	\$ 2,644.49	\$ 16.91	1,674.28	\$ 4,319
95	2C 16mm2 Cu/XLPE/PVC, 6mm2 ECC	64	10%	70.4	LM	\$ 21.89	\$ 1,541.18	\$ 13.86	975.76	\$ 2,517
96	2C 25mm2 Cu/XLPE/PVC, 10mm2 ECC	96	10%	105.6	LM	\$ 31.13	\$ 3,287.39	\$ 19.71	2,081.31	\$ 5,369
97	2C 25mm2 Cu/XLPE/PVC, 6mm2 ECC	77	10%	84.7	LM	\$ 24.50	\$ 2,075.39	\$ 15.51	1,313.97	\$ 3,389
98	2C 35mm2 Cu/XLPE/PVC, 10mm2 ECC	117	10%	128.7	LM	\$ 24.30	\$ 3,127.66	\$ 15.39	1,980.19	\$ 5,108
99	2C 16mm2 Cu/XLPE/PVC, 16mm2 ECC	88	10%	96.8	LM	\$ 31.93	\$ 3,091.21	\$ 20.22	1,957.11	\$ 5,048
100	4C 16mm2 Cu/XLPE/PVC, 10mm2 ECC	64	10%	70.4	LM	\$ 32.54	\$ 2,290.57	\$ 20.60	1,450.21	\$ 3,741
101	4C 10mm2 Cu/XLPE/PVC, 4mm2 ECC	28	10%	30.8	LM	\$ 33.94	\$ 1,045.43	\$ 21.49	661.88	\$ 1,707
102	4C 25mm2 Cu/XLPE/PVC, 25mm2 ECC	124	10%	136.4	LM	\$ 24.30	\$ 3,314.78	\$ 15.39	2,098.66	\$ 5,413
103	2C 16mm2 Cu/XLPE/PVC, 4mm2 ECC	31	10%	34.1	LM	\$ 31.93	\$ 1,088.95	\$ 20.22	689.44	\$ 1,778
104	2C 10mm2 Cu/XLPE/PVC, 4mm2 ECC	30	10%	33	LM	\$ 28.52	\$ 941.15	\$ 18.06	595.86	\$ 1,537



LIGHTING FIXTURES										
1	B1: 1x19W LED BOLLARD LIGHT, IP66, IK10, 1357LUMEN, 3000K. LIASE WITH SUPPLIER FOR INSTALLATION	148	0%	148	EA	\$ 203.90	\$ 30,177.81	\$ 129.10	19,106.19	\$ 49,284
2	U1: 1x 150W POLE MOUNTED LED STREET LIGHT, IP66, 5000K. LUMINARIE MOUNTED ON 12M POLES WITH	42	0%	42	EA	\$ 199.01	\$ 8,358.23	\$ 125.99	5,291.77	\$ 13,650
3	S3: 1 X 300W LED FLOOD LIGHT, 4.0 METRE POLE MOUNTED IP65,(PRO-LAMPS. EN-FL300B/40)	4	0%	4	EA	\$ 223.50	\$ 893.99	\$ 141.50	566.01	\$ 1,460
4	U3: 2x 150W POLE MOUNTED LED STREET LIGHT, IP66, 5000K. LUMINARIE MOUNTED ON 6M POLES WITH	1	0%	1	EA	\$ 198.39	\$ 198.39	\$ 125.61	125.61	\$ 324
5	S2:1 X 300W LED FLOOD LIGHT, BUILDING MOUNTED IP65,(PRO-LAMPS. EN-FL300B/40)	3	0%	3	EA	\$ 199.01	\$ 597.02	\$ 125.99	377.98	\$ 975
6	U2: 2x 150W POLE MOUNTED LED STREET LIGHT, IP66, 5000K. LUMINARIE MOUNTED ON 12M POLES WITH	1	0%	1	EA	\$ 211.25	\$ 211.25	\$ 133.75	133.75	\$ 345
7	S1: 1 X 100W LED HIGHBAY FITTING, IP65, IK08, 4000K AT 5m AFFL. (PRO-LAMPS. EN-HB100-40)	4	0%	4	LM	\$ 199.62	\$ 798.47	\$ 126.38	505.53	\$ 1,304
8	F1 Fitting (No Details Given)	6	0%	6	EA	\$ 174.51	\$ 1,047.08	\$ 110.49	662.92	\$ 1,710
<b>POWER</b>										
<b>CONDUITS</b>										
1	100m Underground Conduit	2715	10%	2986.5	LM	\$ 28.52	\$ 85,173.88	\$ 18.06	53,925.34	\$ 139,099
2	32mm Underground Conduit	2225	10%	2447.808	LM	\$ 26.71	\$ 65,385.97	\$ 16.91	41,397.21	\$ 106,783
3	50mm Underground Conduit	2869	10%	3155.9	LM	\$ 21.89	\$ 69,088.43	\$ 13.86	43,741.31	\$ 112,830
4	100m Underground Conduit	218	10%	239.481	LM	\$ 26.51	\$ 6,348.93	\$ 16.78	4,019.64	\$ 10,369
<b>DEVICES</b>										
1	Power Pit	110	0%	110	EA	\$ 296.98	\$ 32,667.52	\$ 188.02	20,682.48	\$ 53,350
2	20A Single Phase Weather Proof Isolators (For Buggy Charging, Exact Location to be Confirmed on Site)	4	0%	4	EA	\$ 241.87	\$ 967.47	\$ 153.13	612.53	\$ 1,580
3	1000A Isolator	1	0%	1	EA	\$ 223.50	\$ 223.50	\$ 141.50	141.50	\$ 365
4	630A Isolator	6	0%	6	EA	\$ 182.47	\$ 1,094.84	\$ 115.53	693.16	\$ 1,788
5	400A Isolator	4	0%	4	EA	\$ 168.39	\$ 673.56	\$ 106.61	426.44	\$ 1,100
<b>TELECOMMUNICATION</b>										
<b>CONDUITS</b>										
1	32 mm PVC Conduit	1549	10%	1704.153	LM	\$ 24.30	\$ 41,414.23	\$ 15.39	26,220.20	\$ 67,634
2	50 mm PVC Conduit	1634	10%	1797.048	LM	\$ 31.93	\$ 57,386.85	\$ 20.22	36,332.80	\$ 93,720
3	100 mm PVC SCH. 40 Conduit	188	10%	207.086	LM	\$ 35.26	\$ 7,301.85	\$ 18.06	3,739.22	\$ 11,041
<b>CONDUCTORS</b>										
1	RJ11 Cable (Assumed Length)	40	10%	44	LM	\$ 21.89	\$ 963.24	\$ 13.86	609.85	\$ 1,573
2	24 Core SMOF (SC/APC)	1540	10%	1694.055	LM	\$ 31.13	\$ 52,736.92	\$ 19.71	33,388.83	\$ 86,126
3	6 Core SMOF (SC/APC)	4297	10%	4726.172	LM	\$ 25.11	\$ 118,652.02	\$ 15.89	75,121.04	\$ 193,773
4	CAT 6	217	10%	239.107	LM	\$ 28.52	\$ 6,819.24	\$ 18.06	4,317.40	\$ 11,137
5	CAT 6 UTP For CCTV Cameras	351	10%	386.21	LM	\$ 26.71	\$ 10,316.46	\$ 16.91	6,531.56	\$ 16,848
6	Communication Fibre Cable (Assumed Length)	166	10%	182.809	LM	\$ 21.89	\$ 4,002.02	\$ 13.86	2,533.76	\$ 6,536
<b>DEVICES</b>										
1	15A Single Phase Captive Socket Outlets From Ceiling	4	0%	4	EA	\$ 101.03	\$ 404.13	\$ 63.97	255.87	\$ 660
2	Comms Pit (Communication Pit)	79	0%	79	EA	\$ 88.79	\$ 7,014.18	\$ 56.21	4,440.82	\$ 11,455
3	Communication Hut (Containerised Communication Hut)	1	0%	1	EA	\$ 77.15	\$ 77.15	\$ 48.85	48.85	\$ 126
	Off Smoke Detectors Within New Communication Hut	2	0%	2	EA	\$ 88.79	\$ 177.57	\$ 56.21	112.43	\$ 290
	Bore Pump DB Within New Communication Hut	1	0%	1	EA	\$ 91.85	\$ 91.85	\$ 58.15	58.15	\$ 150
	Solar Inverters W/ Batteries and Modulators (Assumed Quantity)	2	0%	2	EA	\$ 581.71	\$ 1,163.42	\$ 368.29	736.58	\$ 1,900
4	Containment Cable	2	0%	1.5	EA	\$ 205.74	\$ 308.61	\$ 130.26	195.39	\$ 504
5	Fixed Field of View Colour IP/Digital CCTV Cameras	25	0%	25	EA	\$ 150.02	\$ 3,750.49	\$ 94.98	2,374.51	\$ 6,125
6	Communication Racks W/ 10A Double General Purpose Outlet to Be Supplied and Installed Within Cabinet	16	0%	16	EA	\$ 229.62	\$ 3,673.95	\$ 145.38	2,326.05	\$ 6,000
	FOBOT	16	0%	16	EA	\$ 174.51	\$ 2,792.20	\$ 110.49	1,767.80	\$ 4,560
7	Communication Racks W/ 10A Double General Purpose Outlet to Be Supplied and Installed Within Cabinet	4	0%	4	EA	\$ 244.32	\$ 977.27	\$ 154.68	618.73	\$ 1,596
8	Patch Panel, External Communication Enlosure	79	0%	79	EA	\$ 673.56	\$ 53,211.01	\$ 426.44	33,688.99	\$ 86,900
	FOBOT	79	0%	79	EA	\$ 174.51	\$ 13,786.49	\$ 110.49	8,728.51	\$ 22,515
9	Wall Mounted OWS Horn Speaker (Weather Proof)	40	0%	40	EA	\$ 168.39	\$ 6,735.57	\$ 106.61	4,264.43	\$ 11,000
10	Weatherproof Dual General Purpose Outlet	1	0%	1	EA	\$ 82.66	\$ 82.66	\$ 52.34	52.34	\$ 135
11	Low Noise Block Down Feed Horn	1	0%	1	EA	\$ 134.71	\$ 134.71	\$ 85.29	85.29	\$ 220

12	Full Height Communication Rack	1	0%	1	EA	\$ 241.87	\$ 241.87	\$ 153.13	153.13	\$ 395
	FOBOT	1	0%	1	EA	\$ 174.51	\$ 174.51	\$ 110.49	110.49	\$ 285
	Patch Panel	1	0%	1	EA	\$ 673.56	\$ 673.56	\$ 426.44	426.44	\$ 1,100
	MATV Headend	1	0%	1	EA	\$ 244.93	\$ 244.93	\$ 155.07	155.07	\$ 400
	CCTV Headend	1	0%	1	EA	\$ 260.24	\$ 260.24	\$ 164.76	164.76	\$ 425
	Poe Switch Within CCTV Headend	1	0%	1	EA	\$ 82.66	\$ 82.66	\$ 52.34	52.34	\$ 135
	NVR Within CCTV Headend	1	0%	1	EA	\$ 168.39	\$ 168.39	\$ 106.61	106.61	\$ 275
	HDD Within CCTV Head End	1	0%	1	EA	\$ 183.70	\$ 183.70	\$ 116.30	116.30	\$ 300
	Phone System Headend	1	0%	1	EA	\$ 215.54	\$ 215.54	\$ 136.46	136.46	\$ 352
	UPS	1	0%	1	EA	\$ 428.63	\$ 428.63	\$ 271.37	271.37	\$ 700
	Full Height Communication Rack	1	0%	1	EA	\$ 358.21	\$ 358.21	\$ 226.79	226.79	\$ 585
	FOBOT	3	0%	3	EA	\$ 168.39	\$ 505.17	\$ 106.61	319.83	\$ 825
	Main Communication Equipment	1	0%	1	EA	\$ 413.32	\$ 413.32	\$ 261.68	261.68	\$ 675
	UPS	1	0%	1	EA	\$ 428.63	\$ 428.63	\$ 271.37	271.37	\$ 700

<b>SOLAR PANELS</b>										
1	Maxeon 400W Solar Panels. Panel Size 1700x1050	24	0%	24	EA	\$ 1,194.03	\$ 28,656.79	\$ 755.97	18,143.21	\$ 46,800

<b>TRENCHING</b>										
1	Trenching For Comms Pit	1373	0%	1373	LM	\$ 39.77	\$ 54,599.83	\$ 25.18	34,568.28	\$ 89,168

<b>BACKFILLING</b>										
1	Backfilling For Comms Pit	793	10%	872	CM	\$ 11.63	\$ 10,148.49	\$ 7.37	6,425.21	\$ 16,574

<b>MISCELLANEOUS</b>										
1	Retain Power Feeder to existing WTP DB, once new WTP is Operational Allow to De-Commission & Remove DB (TT-16-DB-001)	1	0%	1	EA	\$ 171.45	\$ 171.45	\$ 108.55	108.55	\$ 280

<b>TOTAL MATERIAL COST</b>	<b>\$ 1,050,033</b>
<b>TOTAL LABOR COST</b>	<b>\$ 663,914</b>
<b>TOTAL COST</b>	<b>\$ 1,713,946</b>
<b>OVERHEADS &amp; PROFIT 25%</b>	<b>\$ 428,487</b>
<b>TOTAL BID</b>	<b>\$ 2,142,433</b>

<b>SCOPE OF ESTIMATE:</b>	
<b>I</b>	<b>SUPPLY &amp; INSTALLATION</b>
1	Distribution
2	Cabling
3	Panels & Breakers
4	Power
5	Lighting & Lighting Controls
6	Telecommunication
7	Trenching & Backfilling
8	Miscellaneous
<b>II</b>	<b>NOTES</b>
1	Distribution panels except shown on riser diagrams are assumed to be existing.