



དཔལ་ལྷན་འབྲུག་གཞུང་། གཞི་རྟེན་མཁོ་ཆས་དང་སྐྱེལ་འབྲེན་ལྷན་ཁག།

ROYAL GOVERNMENT OF BHUTAN

MINISTRY OF INFRASTRUCTURE AND TRANSPORT

DEPARTMENT OF INFRASTRUCTURE DEVELOPMENT

“Towards quality, cost effective, green and sustainable infrastructure”

BHUTAN SCHEDULE OF RATES - 2025

ELECTRICAL

FOREWORD

The Bhutan Schedule of Rates (Electrical) - 2025 is a revised edition of Bhutan Schedule of Rates (Electrical) - 2024. This document is a guiding document for projecting the electrical works. Great efforts have been made by the Department of Infrastructure Development to incorporate as many items as possible that rate being used in construction works.

However, due to high diversity in type and class of construction materials available in the market, only most commonly used materials listed in BSB approved brand have been incorporated with their average market rates.

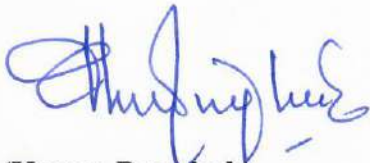
All the items of work prescribed in BSR (Electrical) -2025 should be read and understood in conjunction with Specifications for Electrical Works-2025. The basic material rates are based on market prices collected from the markets at four base towns of Gelephu, Phuentsholing, Samdrup Jongkhar and Thimphu: These rates have been applied while analysing and developing Built-Up item rates. Labour and Material Coefficients have been used for the purpose of analysis. In addition, following constants have been added:

- a. A fixed 5% for hand tools & equipment on labour cost, lubrication & corrective maintenance on machinery cost and wastages & unaccounted on materials cost.
- b. A fixed 1% for water charges (sanitation, mixing of mortar, drinking, curing, etc.)
- c. 10% for contractor's profit and overhead charges when rate analysis is carried out by the procuring agencies. For rate analysis submitted by contractors for the tendered work, it can vary up to a maximum of 10%.

Besides the constants mentioned above, no other additions shall be permitted in the preparation of project estimates.

In addition to previous publication, in this edition, few items pertaining to indoor lighting luminaries have been included. This document serves as guide to the Engineers for executions, measurements and rate analysis.

The Department will be pleased to receive comments and suggestions from the users for making productive reforms in the schedule. Also, manufacturers and dealers are welcome to send details of materials approved by BSB to incorporate in BSR



(Karma Dupchuk)
Director General
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Thimphu

Disclaimer

The Bhutan Schedule of Rates-2025 is prepared and published primarily as a tool to assist in the estimation of project costs only, and the users are advised to refrain from using it for the purpose of filling tenders, evaluating tenders, awarding works and/or making contractual payments. This is owing to difficulty in obtaining comprehensive and accurate rates from base towns, and the associated complexity in their analysis besides market rates of items being dynamic in nature. Hence, BSR reflects only suggestive averages and not accurate current market rates. The publisher shall not be accountable and responsible for any ambiguity, discrepancy, dispute or financial losses arising directly or indirectly as a result of individuals or agencies using the rates in the BSR-2025 for filling of their tenders, evaluating tenders, awarding works and/or making contractual payments.

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PREFACE

1. Bhutan Schedule of Rates - 2025 is the revised edition of Bhutan Schedule of Rates (Electrical) - 2024.
2. The rates shown for all the built - up items are for up to 10 Km radius and is inclusive of:
 - i.) A fixed 5% for hand tools & equipment on labour cost, lubrication & corrective maintenance on machinery cost and wastages & unaccounted on materials cost.
 - ii.) A fixed 1 % for water charges (sanitation, mixing of mortar, drinking, curing, etc.)
 - iii.) 10% for contractor's profit and overhead charges
3. The built up item rates are based on "Labour and Material Coefficients 2025" with the applicable percentages given above.
4. The schedule is designed primarily as a tool for estimation of construction projects only and not for payment to contractors or filling up tenders.
5. This Schedule will be read along with the " Specifications for Electrical works - 2025" and the "Labour and Materials Coefficients - 2025"
6. Material Rates used in BSR-2025 are collected during the period April – May 2025. Users are suggested to update rates accordingly with the prevailing market rates.
7. BSR contains only the commonly used items, the new items may be workout and analyzed by the engineers as may be relevant.

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SECTION – I

Basic Rates: -

- Labour**
- Materials**

Code	Description	Units	PL	GP	S/J	TH
Chapter 1: BASIC RATES - LABOUR RATES						
Category 1						
LB0020	Auto-Mechanic Gd.1	day	632.50	632.50	632.50	632.50
LB0021	Carpenter Gd.1	day	632.50	632.50	632.50	632.50
LB0022	General Mechanic Gd.1	day	632.50	632.50	632.50	632.50
LB0023	Lharib	day	632.50	632.50	632.50	632.50
LB0024	Lineman Gd.1	day	632.50	632.50	632.50	632.50
LB0025	Plant Operator Gd.1	day	632.50	632.50	632.50	632.50
Category 2						
LB0030	Auto-Electrician Gd.1	day	632.50	632.50	632.50	632.50
LB0031	Auto-Mechanic Gd.2	day	632.50	632.50	632.50	632.50
LB0032	Blacksmith (metal-worker)	day	632.50	632.50	632.50	632.50
LB0033	Carpenter Gd.2	day	632.50	632.50	632.50	632.50
LB0034	General Mechanic Gd.2	day	632.50	632.50	632.50	632.50
LB0035	Lineman Gd.2	day	632.50	632.50	632.50	632.50
LB0036	Mason Gd.1	day	632.50	632.50	632.50	632.50
LB0037	Plant Operator Gd.2	day	632.50	632.50	632.50	632.50
LB0038	Plumber Gd.1	day	632.50	632.50	632.50	632.50
LB0039	Work Supervisor (Lajab)	day	632.50	632.50	632.50	632.50
Category 3						
LB0045	Auto-Electrician Gd.2	day	575.00	575.00	575.00	575.00
LB0046	Auto-Mechanic Gd.3	day	575.00	575.00	575.00	575.00
LB0047	Blaster	day	575.00	575.00	575.00	575.00
LB0048	Carpenter Gd.3	day	575.00	575.00	575.00	575.00
LB0049	General Mechanic Gd.3	day	575.00	575.00	575.00	575.00
LB0050	Lineman Gd.3	day	575.00	575.00	575.00	575.00
LB0051	Mason Gd.2	day	575.00	575.00	575.00	575.00
LB0052	Painter Gd.1	day	575.00	575.00	575.00	575.00
LB0053	Plant Operator Gd.3	day	575.00	575.00	575.00	575.00
LB0054	Plumber Gd.2	day	575.00	575.00	575.00	575.00
LB0055	Sawyer Gd.1	day	575.00	575.00	575.00	575.00
LB0056	Wireman Gd.1	day	575.00	575.00	575.00	575.00
Category 4						
LB0065	Cleaner	day	518.00	518.00	518.00	518.00
LB0066	Machine Operator	day	518.00	518.00	518.00	518.00
LB0067	Painter Gd. 2	day	518.00	518.00	518.00	518.00
LB0068	Sawyer Gd. 2	day	518.00	518.00	518.00	518.00
LB0069	Wireman Gd. 2	day	518.00	518.00	518.00	518.00
Category 5						
LB0075	Labourer (Male)	day	460.00	460.00	460.00	460.00
LB0076	Labourer (Female)	day	460.00	460.00	460.00	460.00
LB0077	Labour	day	460.00	460.00	460.00	460.00

Code	Description	Units	PL	GP	S/J	TH
Chapter 2: BASIC RATES - MATERIALS RATES						
Wires & Cables						
Wires						
PVC insulated multistrand copper conductor, 1.1kV Grade						
MT4001	1.5 sq.mm	m	21.30	21.63	22.34	22.50
MT4002	2.5 sq.mm	m	34.43	27.33	26.49	33.00
MT4003	4 sq.mm	m	48.33	43.62	41.10	47.00
MT4004	6 sq.mm	m	77.97	66.60	67.66	74.33
MT4005	10 sq.mm	m	133.35	102.87	96.13	126.67
MT4006	16 sq.mm	m	193.33	184.83	177.04	195.67
Power Cable (Armoured), Copper Core						
Power Cables (1.1kV) 3- Core Copper-Armoured, PVC insulated & sheathed						
MT4330	2.5 sq.mm	m	261.67	229.36	219.42	248.33
MT4331	4 sq.mm	m	276.00	266.33	249.30	266.04
MT4332	6 sq.mm	m	396.67	376.83	350.08	370.90
MT4333	10 sq.mm	m	541.67	373.00	452.98	598.33
MT4334	16 sq.mm	m	946.67	673.33	726.68	761.67
MT4335	25 sq.mm	m	1383.33	976.33	1009.93	1141.67
MT4336	35 sqmm	m	1933.33	1450.00	1468.22	1810.67
MT4337	50 sqmm	m	2133.33	1694.89	1668.72	1848.70
Power Cables (1.1kV) 4-Core Copper - Armoured, PVC insulated & sheathed						
MT4360	4 sq.mm	m	386.67	266.44	263.82	338.21
MT4361	6 sq.mm	m	416.67	372.44	353.36	492.07
MT4362	10 sq.mm	m	613.33	681.65	659.53	664.44
MT4363	16 sq.mm	m	700.00	625.21	816.84	670.01
MT4364	25 sq.mm	m	883.33	891.85	1339.07	905.60
MT4365	35 sq.mm	m	2233.33	1183.34	1590.27	2131.00
MT4366	50 sq.mm	m	2783.33	1843.21	2332.82	3130.00
Power Cable (Un-armoured), Copper core						
Power Cables (1.1kV) 2- Core Copper-Unarmoured, PVC insulated & sheathed						
MT4380	2.5 sq.mm	m	145.00	141.35	119.33	146.34
MT4381	4 sq.mm	m	158.33	199.08	186.19	186.23
MT4382	6 sq.mm	m	212.00	209.73	230.15	239.86
MT4383	10 sq.mm	m	298.33	237.61	296.01	290.00
MT4384	16 sq.mm	m	375.00	305.33	408.13	383.33
Power Cables (1.1kV) 3- Core Copper-Unarmoured, PVC insulated & sheathed						
MT4395	2.5 sq.mm	m	205.00	204.77	213.59	201.47
MT4396	4 sq.mm	m	278.33	281.68	294.37	291.01
MT4397	6 sq.mm	m	460.00	460.91	463.60	470.00
MT4398	10 sq.mm	m	666.67	660.03	650.81	663.33
MT4399	16 sq.mm	m	990.27	971.74	976.11	1003.33
MT4400	25 sq.mm	m	1250.00	1149.28	1144.11	1219.99

Code	Description	Units	PL	GP	S/J	TH
Power Cables (1.1kV) 4-Core Copper - Unarmoured, PVC insulated & sheathed						
MT4425	4 sq.mm	m	248.52	288.76	342.09	293.90
MT4426	6 sq.mm	m	374.88	376.14	555.43	428.51
MT4427	10 sq.mm	m	597.89	629.57	879.10	667.99
MT4428	16 sq.mm	m	857.07	970.38	947.07	1019.98
MT4429	25 sq.mm	m	1316.67	1519.38	2034.90	1589.08
MT4430	35 sq.mm	m	1890.38	2289.98	2952.52	2309.66
MT4431	50 sq.mm	m	2400.00	3072.31	3329.55	3350.00
Power Cable (Armoured), Aluminium core						
Power Cables (1.1kV) 2- Core Aluminium-Armoured, PVC insulated & sheathed						
MT4125	2.5 sq.mm	m	66.00	59.00	59.20	76.67
MT4126	4 sq.mm	m	90.37	92.00	74.61	83.33
MT4127	6 sq.mm	m	124.65	126.00	84.47	137.33
MT4128	10 sq.mm	m	126.92	142.00	109.25	155.67
MT4129	16 sq.mm	m	144.50	174.00	130.25	171.00
Power Cables (1.1kV) 3.5-Core Aluminium - Armoured, PVC insulated & sheathed						
MT4155	25 sq.mm	m	247.51	259.54	249.35	266.45
MT4156	35 sq.mm	m	300.00	316.21	304.38	330.08
MT4157	50 sq.mm	m	388.20	403.52	377.77	426.22
MT4158	70 sq.mm	m	518.06	540.81	551.12	572.07
MT4159	95 sq.mm	m	667.06	701.22	697.39	734.71
MT4160	120 sq.mm	m	793.99	844.82	814.05	912.94
MT4161	150 sq.mm	m	946.48	1006.66	998.54	1061.46
MT4162	185 sq.mm	m	1183.71	1256.85	1222.08	1348.43
MT4163	225 sq.mm	m	1379.86	1434.31	1464.64	1516.04
MT4164	240 sq.mm	m	1551.73	1617.60	1628.60	1716.88
MT4165	300 sq.mm	m	1879.62	1984.53	2004.08	2076.72
MT4166	400 sq.mm	m	2431.13	2544.79	2546.00	2689.93
MT4167	500 sq.mm	m	2774.65	2924.44	3006.12	2963.11
MT4168	630 sq.mm	m	3286.83	3445.51	3507.13	3188.93
Power Cables (1.1kV) 4-Core Aluminium - Armoured, PVC insulated & sheathed						
MT4180	2.5 sq.mm	m	121.83	125.00	135.03	129.78
MT4181	4 sq.mm	m	146.33	128.33	138.37	149.08
MT4182	6 sq.mm	m	171.00	166.67	163.18	171.02
MT4183	10 sq.mm	m	178.75	179.67	220.46	196.67
MT4184	16 sq.mm	m	204.68	220.00	253.24	228.67
MT4185	25 sq.mm	m	260.67	306.67	292.01	302.33
MT4186	35 sq.mm	m	337.48	396.67	372.69	390.33
MT4187	50 sq.mm	m	431.68	493.33	496.94	498.67
MT4188	70 sq.mm	m	597.83	670.00	655.74	708.67
MT4189	95 sq.mm	m	706.33	773.33	831.30	855.28
MT4190	120 sq.mm	m	899.79	940.00	994.94	962.88
MT4191	150 sq.mm	m	1054.10	1216.67	1381.05	1321.00
MT4192	185 sq.mm	m	925.17	1382.33	1337.01	1468.15
MT4193	240 sq.mm	m	1569.44	1886.85	1976.75	2064.18
MT4194	300 sq.mm	m	1883.33	2306.67	2487.19	2534.88
MT4195	400 sq.mm	m	2400.00	2900.00	3132.04	3304.63
MT4196	500 sq.mm	m	3200.00	3198.33	3473.74	3316.50
MT4197	630 sq.mm	m	3186.67	3433.42	4104.04	3855.00

Code	Description	Units	PL	GP	S/J	TH
MT4198	800 sq.mm	m	2500.00	3530.83	3936.53	3536.00
MT4199	1000 sq.mm	m	2983.33	3695.12	3993.78	4096.67

Power Cable (Un-Armoured), Aluminium core

Power Cables (1.1kV) 2- Core Aluminium-Unarmoured, PVC insulated & sheathed

MT4230	2.5 sq.mm	m	67.65	48.67	33.37	56.67
MT4231	4 sq.mm	m	97.67	60.59	48.97	64.33
MT4232	6 sq.mm	m	123.89	76.67	69.94	81.00
MT4233	10 sq.mm	m	148.60	106.10	111.93	130.67
MT4234	16 sq.mm	m	175.08	106.10	110.06	136.67

Power Cables (1.1kV) 4-Core Aluminium - Unarmoured, PVC insulated & sheathed

MT4285	2.5 sq.mm	m	76.08	83.86	78.33	82.67
MT4286	4 sq.mm	m	94.92	98.05	88.84	94.90
MT4287	6 sq.mm	m	100.53	104.31	96.57	108.78
MT4288	10 sq.mm	m	130.68	131.42	124.02	139.92
MT4289	16 sq.mm	m	165.00	167.55	159.70	175.30
MT4290	25 sq.mm	m	245.00	247.31	242.26	265.02
MT4291	35 sq.mm	m	308.33	326.34	310.90	327.87
MT4292	50 sq.mm	m	397.59	399.51	378.52	436.51
MT4293	70 sq.mm	m	542.59	554.63	547.41	618.99
MT4294	95 sq.mm	m	618.33	584.09	560.66	758.01
MT4295	120 sq.mm	m	730.65	731.83	720.36	907.34
MT4296	150 sq.mm	m	992.34	1028.36	1003.07	1145.31
MT4297	185 sq.mm	m	1133.33	1158.33	1155.14	1407.98
MT4298	240 sq.mm	m	1333.33	1228.89	1310.30	1516.67
MT4299	300 sq.mm	m	1500.00	1324.89	1368.93	2195.06
MT4300	400 sq.mm	m	1799.17	1398.27	1392.80	2216.96
MT4301	500 sq.mm	m	2121.17	1847.12	1854.79	2246.71
MT4302	630 sq.mm	m	2246.76	1994.57	1970.01	2415.00

Telephone Wires/Cable

Telephone wire with high density polyethene insulated, solid annealed high conductivity bare copper with 0.5mm dia, paired polyester taped and sheathed with high oxygen index fire retardant PVC compound

MT4594	1 pair	m	18.88	13.94	13.86	15.67
MT4595	2 pair	m	26.02	20.35	18.93	22.64
MT4596	4pair	m	37.53	36.41	35.50	36.36
MT4597	5 pair	m	42.00	39.78	38.54	41.31
MT4598	10 Pair	m	81.67	78.70	77.44	103.67

Telecommunication Cable, solid annealed copper, polythene insulated, petroleum jelly filled with poly-al laminate moisture barrier 0.5mm dia unarmoured

MT4609	10 pair	m	168.84	166.69	160.62	169.59
MT4610	20 pair	m	283.27	293.52	297.54	305.00
MT4611	50 pair	m	460.82	455.31	442.91	461.01
MT4612	100 pair	m	925.97	918.99	916.35	926.41

Telecommunication Cable, solid annealed copper, polythene insulated, petroleum jelly filled with poly-al laminate moisture barrier 0.5mm dia armoured

MT4625	20 pair	m	295.86	309.68	345.02	323.33
MT4626	50 pair	m	511.10	531.91	540.96	609.44

Code	Description	Units	PL	GP	S/J	TH	
MT4627	100 pair	m	934.00	971.41	960.29	1113.92	
Tv coaxial cable						0.00	0.00
MT4630	RG-6 coaxial cable	m	23.66	24.19	27.04	25.52	
Cable termination							
Thimble/Lugs							
Flat type Brass Thimble/lugs 1.1KV							
MT4640	20mm dia, 4sq.mm	each	8.68	9.22	10.25	9.89	
MT4641	22mm dia, 6sq.mm	each	9.32	10.07	11.95	10.17	
MT4642	25mm dia, 10sq.mm	each	10.68	12.34	15.38	11.52	
MT4643	27mm dia, 16sq.mm	each	13.22	17.49	17.08	14.12	
MT4644	29mm dia, 25sq.mm	each	19.67	28.20	23.93	21.44	
MT4645	33mm dia, 35sq.mm	each	23.75	30.47	32.45	23.04	
MT4646	35mm dia, 50sq.mm	each	30.50	40.96	34.20	30.67	
MT4647	38mm dia, 70sq.mm	each	52.67	70.93	66.63	69.00	
MT4648	40mm dia, 95sq.mm	each	71.33	97.67	92.23	92.00	
MT4649	45mm dia, 120sq.mm	each	95.17	126.27	118.61	130.00	
MT4650	50mm dia, 150sq.mm	each	139.07	186.67	189.76	190.00	
MT4651	55mm dia, 185sq.mm	each	193.33	275.42	254.18	261.00	
MT4652	60mm dia, 225sq.mm	each	243.33	341.92	355.85	343.00	
MT4653	63mm dia, 240sq.mm	each	266.67	386.67	355.85	367.00	
MT4654	70mm dia, 300sq.mm	each	366.67	553.75	525.23	530.00	
MT4655	78mm dia, 400sq.mm	each	530.00	746.79	711.70	703.00	
MT4656	82mm dia, 500sq.mm	each	683.33	972.47	931.91	915.00	
MT4657	85mm dia, 630sq.mm	each	966.67	1374.66	1220.06	1250.00	
Flat type Aluminium Alloy Thimble 1.1KV							
MT4655	20mm dia, 4sq.mm	each	530.00	746.79	711.70	703.00	
MT4656	22mm dia, 6sq.mm	each	683.33	972.47	931.91	915.00	
MT4657	25mm dia, 10sq.mm	each	966.67	1374.66	1220.06	1250.00	
MT4658	27mm dia, 16sq.mm	each	5.13	19.07	20.50	25.00	
MT4659	29mm dia, 25sq.mm	each	6.55	19.40	20.50	25.00	
MT4660	33mm dia, 35sq.mm	each	8.37	19.07	25.63	25.00	
MT4661	35mm dia, 50sq.mm	each	11.70	23.14	25.63	25.00	
MT4662	38mm dia, 70sq.mm	each	18.15	22.47	25.63	23.00	
MT4663	40mm dia, 95sq.mm	each	23.87	23.47	30.75	26.00	
MT4664	45mm dia, 120sq.mm	each	26.88	27.76	29.03	30.00	
MT4665	50mm dia, 150sq.mm	each	44.62	27.76	35.88	40.00	
MT4666	55mm dia, 185sq.mm	each	49.18	111.05	101.78	120.00	
MT4667	60mm dia, 225sq.mm	each	65.42	133.25	120.45	122.00	
MT4668	63mm dia, 240sq.mm	each	78.63	145.42	127.22	129.00	
MT4669	70mm dia, 300sq.mm	each	128.33	166.31	152.67	151.00	
MT4670	78mm dia, 400sq.mm	each	163.33	176.92	203.55	171.67	
MT4671	82mm dia, 500sq.mm	each	236.11	207.85	203.55	262.00	
MT4672	85mm dia, 630sq.mm	each	300.90	220.50	254.44	331.67	
Compression Gland							
Single Compression Gland, heavy duty brass							
MT4725	20mm dia	each	25.33	26.41	22.20	30.00	

Code	Description	Units	PL	GP	S/J	TH
MT4726	22mm dia	each	32.96	34.02	31.77	34.59
MT4727	25mm dia	each	36.09	37.67	32.45	38.97
MT4728	27mm dia	each	38.17	39.21	34.51	40.00
MT4729	29mm dia	each	40.25	41.49	35.88	40.00
MT4730	33mm dia	each	44.04	44.65	42.02	45.00
MT4731	35mm dia	each	45.46	47.11	42.70	47.97
MT4732	38mm dia	each	52.34	52.95	44.07	55.78
MT4733	40mm dia	each	65.59	67.71	63.21	67.59
MT4734	45mm dia	each	85.01	87.77	86.75	87.00
MT4735	50mm dia	each	117.67	120.82	108.21	122.39
MT4736	55mm dia	each	134.97	138.34	123.82	137.85
MT4737	60mm dia	each	144.43	151.18	139.07	149.11
MT4738	63mm dia	each	164.51	171.67	169.57	169.29
MT4739	70mm dia	each	234.18	243.18	230.65	239.72
MT4740	78mm dia	each	270.68	281.36	271.35	275.50
MT4741	82mm dia	each	330.90	338.97	322.23	333.33
MT4742	85mm dia	each	447.53	464.75	424.00	455.21
Double Compression Gland, heavy duty brass						
MT4755	20mm dia	each	103.01	106.81	93.59	105.09
MT4756	22mm dia	each	114.84	119.80	106.40	117.63
MT4757	25mm dia	each	134.72	142.44	123.32	139.29
MT4758	27mm dia	each	148.93	161.57	145.27	155.35
MT4759	29mm dia	each	170.47	179.29	175.59	176.75
MT4760	33mm dia	each	191.30	205.77	189.17	198.57
MT4761	35mm dia	each	228.72	241.07	229.67	235.00
MT4762	38mm dia	each	264.93	280.43	270.18	274.52
MT4763	40mm dia	each	286.73	303.72	280.36	295.81
MT4764	45mm dia	each	351.08	333.33	320.86	438.33
MT4765	50mm dia	each	406.77	387.62	368.15	526.21
MT4766	55mm dia	each	519.67	495.27	470.88	666.67
MT4767	60mm dia	each	648.89	588.59	586.51	635.00
MT4768	63mm dia	each	781.41	673.97	624.97	710.00
MT4769	70mm dia	each	950.00	763.45	726.34	855.00
MT4770	78mm dia	each	1192.09	919.75	843.33	920.00
MT4771	82mm dia	each	1483.33	1050.08	945.84	1510.00
MT4772	85mm dia	each	1666.67	1115.41	1080.71	2205.00
Route Marker/ Cable Joint Box						
MT4785	C.I Route Marker, 150x100x6mm	each	406.33	460.54	442.75	460.00
MT4786	Straight through cable joint box	each	425.83	487.85	469.98	465.00
Conduits						
Steel Conduit						
MT4819	15mmx 1.6mm	m	157.93	163.25	154.01	163.33
MT4820	20mm x 1.6mm	m	188.47	193.68	192.86	196.01
MT4821	25mm x 1.6mm	m	237.06	245.84	240.02	248.41
MT4822	32mm x 2mm	m	354.44	368.86	263.61	369.54
MT4823	40mm x 2mm	m	576.29	602.42	587.08	606.75
MT4824	50mm x 2mm	m	816.39	831.21	793.54	852.74
MT4825	Steel Saddle	each	7.63	7.63	7.54	9.00
MT4826	20mm Junction box, 1 or 2 way for conduit	each	134.01	139.04	132.48	141.67
MT4827	Junction box, 3 or 4 way	each	135.68	141.39	132.48	140.31

Code	Description	Units	PL	GP	S/J	TH
MT4828	20mm Inspection bend for conduit	each	71.50	77.12	80.44	69.06
MT4829	20mm socket for conduit	each	15.58	15.84	14.00	16.63
MS Conduit						
MT4800	15mm x 1.6mm	m	57.30	67.71	62.07	66.00
MT4801	20mm x 1.6mm	m	66.50	78.34	82.21	74.50
MT4802	25mm x 1.6mm	m	94.55	93.71	99.01	108.33
MT4803	32mm x 2mm	m	106.93	108.95	109.01	134.56
MT4804	40mm x 2mm	m	145.00	147.58	151.02	159.18
MT4805	50mm x 2mm	m	156.05	161.83	194.69	187.88
MT4806	Junction box, 1 or 2 way	each	35.00	45.37	36.94	37.67
MT4807	Inspection bend	each	38.17	50.07	28.54	43.47
MT4808	socket for conduit	each	17.33	27.52	28.54	20.89
MT4809	M.S Saddle	each	5.54	11.59	13.44	7.14
MT4810	Junction box, 3 or 4 way	each	38.13	44.17	35.24	41.00
PVC Conduit						
MT4839	15 mm,18SWG	m	31.67	29.68	23.84	21.90
MT4840	20 mm,18SWG	m	38.33	38.59	17.62	27.88
MT4841	25 mm,16SWG	m	53.33	53.55	28.77	33.33
MT4842	32 mm,14SWG	m	61.67	62.97	54.77	48.76
MT4843	40 mm,14SWG	m	81.67	82.94	72.73	77.00
MT4844	50 mm,14SWG	m	100.00	98.92	89.65	76.47
PVC accessories						
MT4870	PVC Socket	each	8.33	16.85	10.17	6.96
MT4871	Junction box, 1 or 2 way for conduit	each	24.43	35.66	17.07	20.15
MT4872	Inspection bend for conduit	each	20.40	33.97	25.49	26.61
MT4876	Junction box, 3 or 4 way	each	24.50	15.38	34.08	20.00
PVC Casing & Cappings						
MT4940	12x12x1.2 mm	m	24.88	24.47	23.50	24.71
MT4941	12x10x1.2 mm	m	19.96	24.12	23.50	19.99
MT4942	15x10x1.2mm	m	28.37	29.98	32.82	30.00
MT4943	20x10x1.2 mm	m	28.33	25.75	23.50	35.00
MT4944	20x12x1.2mm	m	52.67	27.94	23.50	50.00
MT4945	25x10x1.2mm	m	59.33	35.15	47.40	55.00
MT4946	30x10x1.2 mm	m	71.78	40.58	50.78	70.00
MT4947	40x20x1.2 mm	m	82.67	82.05	63.01	80.00
MT4948	50x20x1.2mm	m	84.72	71.17	115.81	84.96
MT4949	Corner/Tee	each	12.22	17.35	17.03	10.91
HDPE Pipe pressure class 4kg/sq.cm						
MT4849	15 mm		19.67	25.15	19.51	19.27
MT4850	20 mm	m	27.33	34.12	29.08	26.00
MT4851	25 mm	m	50.00	47.85	33.37	41.67
MT4852	32 mm	m	52.67	55.08	52.67	61.67
MT4853	40 mm	m	98.33	95.75	90.24	90.00
MT4854	50 mm	m	138.33	135.73	119.69	146.67
MT4855	63mm	m	117.64	210.16	192.66	166.67
MT4856	90mm	m	224.55	237.18	216.67	204.66
MT4857	110mm	m	281.87	297.42	274.02	223.98
MT4858	160mm	m	390.00	344.75	385.33	390.00

Code	Description	Units	PL	GP	S/J	TH
Boxes						
PVC Boxes (Surface)						
MT4860	1 Module	each	48.33	43.83	49.05	46.00
MT4861	2 Module	each	53.33	43.77	49.21	47.00
MT4862	3 Module	each	64.00	78.30	76.15	77.00
MT4863	4 Module	each	78.67	81.98	87.97	89.00
MT4864	6 Module	each	95.83	84.83	113.38	101.00
MT4865	8 Module (Linear)	each	134.67	146.08	138.77	142.00
MT4866	8 Module (Square)	each	137.33	144.08	145.53	145.00
MT4867	12 Module	each	168.00	150.00	192.92	171.00
MT4868	18 Module	each	223.33	201.67	281.02	221.00
Metal Boxes						
MT5900	1 Module	each	58.33	51.67	73.06	68.67
MT5901	2 Module	each	63.33	51.67	73.46	70.33
MT5902	3 Module	each	78.33	84.33	116.12	75.00
MT5903	4 Module	each	94.33	96.33	122.85	103.33
MT5904	6 Module	each	122.33	119.67	153.62	146.67
MT5905	8 Module (Linear)	each	145.00	151.67	156.69	182.00
MT5906	8 Module (Square)	each	148.67	153.33	184.40	194.25
MT5907	12 Module	each	188.33	197.33	224.38	231.00
MT5908	18 Module	each	220.00	230.00	179.99	236.00
Plate & Frame						
MT5822	Plate 1-module with frame	each	66.00	64.00	104.10	66.00
MT5823	Plate 2-module with frame	each	66.67	68.33	120.94	71.00
MT5824	Plate 3-module with frame	each	81.67	79.00	181.03	83.00
MT5825	Plate 4-module with frame	each	100.00	83.33	204.42	83.67
MT5826	Plate 6-module with frame	each	121.67	85.00	211.57	93.33
MT5827	Plate 8-module with frame	each	124.00	93.00	293.07	116.67
MT5828	Plate 12-module with frame	each	130.60	120.00	307.37	132.00
MT5829	Plate 18-module with frame	each	134.10	140.00	373.02	154.00
Switches & Socket						
MT5800	6A switch SP 1-way	each	43.33	48.33	32.07	37.00
MT5801	6A switch SP 1-way with indicator	each	50.17	100.85	106.60	92.00
MT5802	6A switch SP 2-way	each	52.33	101.54	101.47	100.00
MT5803	6A switch SP 2-way with indicator	each	61.67	101.88	108.91	106.00
MT5804	16A switch SP 1-way	each	85.00	117.33	126.04	118.00
MT5805	16A switch SP 1-way with indicator	each	91.42	117.33	149.90	121.00
MT5806	16A switch SP 2-way	each	101.06	161.67	156.75	159.00
MT5807	16A fuse unit	each	108.39	61.35	69.37	71.00
MT5808	2-pin 6A socket outlet	each	112.67	116.67	101.50	116.00
MT5809	3-pin, 6A socket outlet, with shutter	each	147.66	135.00	108.91	138.00
MT5810	3-pin, 16A socket outlet, with shutter	each	171.67	190.00	153.45	169.00
MT5811	3 pin, 6A switch/socket combined, with shutter	each	164.86	97.33	143.17	171.00
MT5813	3 pin, 16A switch/socket combined, with shutter	each	178.33	141.67	179.35	211.00
MT5814	5/6 pin, 6/16A socket outlet, with shutter	each	170.00	175.00	197.63	228.00
MT5815	5/6 pin, 6/16A switch/socket combined, with shutter	each	211.67	176.67	197.63	232.00
MT5816	5-pin universal socket outlet	each	163.33	176.67	177.07	192.00
MT5817	Dimmer / regulator (100W)	each	285.00	303.33	289.71	305.00
MT5818	TV coaxial socket	each	141.67	100.00	122.14	303.00
MT5819	RJ 45 computer socket	each	152.67	103.00	207.49	181.00

Code	Description	Units	PL	GP	S/J	TH
MT5820	RJ 11 telephone socket	each	160.00	102.00	197.39	213.00
MT5821	Bell push 6A	each	113.33	97.33	115.88	116.00
Holders & Plugs						
MT5890	Batten holder (heavy duty, brass)	each	31.62	30.71	28.77	29.81
MT5891	Plain pendant holder (bakelite)	each	31.13	29.67	27.41	28.00
MT5892	Angle holder (heavy duty)	each	31.62	30.38	26.40	29.67
MT5893	Cord-grip, PVC 2-core	m	27.86	28.56	22.13	28.00
MT5894	Twin flexible wire (twisted) heavy duty	m	16.86	17.22	14.64	16.00
MT5895	Ceiling Rose, 2 plate (PVC) 6A	each	21.64	21.53	18.95	26.00
Call bell 250 volt A.C						
MT6190	Gong bell assembly	each	556.28	370.08	379.84	401.67
MT6191	Buzzer bell assembly	each	892.13	956.67	928.32	921.67
MT6192	Musical bell assembly	each	924.32	960.00	934.17	935.00
Indoor Luminaires.						
General Lighting System						
MT5720	Globe dia 150mm, for single lamp	each	551.67	591.01	578.97	606.67
MT5721	Globe dia 200mm, for single lamp	each	795.28	848.52	798.76	848.33
MT5722	Globe dia 250mm, for single lamp	each	916.67	973.36	1014.16	1000.80
MT5736	Wall bracket 160mm,for single lamp	each	330.34	346.04	350.76	346.85
MT5737	Wall bracket 185mm, for single lamp	each	422.65	435.02	425.71	445.28
MT5734	Wall bracket 225mm, for single lamp	each	440.20	516.96	497.25	445.00
MT5735	Wall bracket 230mm, for single lamp	each	583.33	716.00	681.23	680.00
MT5739	Double wall bracket 160mm	each	618.40	683.61	674.33	680.00
MT5738	Double wall bracket 200mm	each	734.16	830.47	864.96	850.00
MT5742	Double mirror light 375mm	each	816.67	982.77	1027.18	755.00
MT5741	Double mirror light 610mm	each	916.88	1110.37	1095.93	1000.00
Prewired Indoor fluorescent lamp luminaries (CRCA sheet housing, steel) for wall/ceiling						
MT5760	Strip Rail 18/20 watt	each	343.33	304.53	292.89	382.29
MT5761	Strip Rail 36/40 watt	each	459.13	355.97	343.98	501.67
MT5762	Decorative box type 18/20 watt	each	541.29	581.56	644.31	595.00
MT5763	Decorative box type 36/40 watt	each	684.02	728.17	736.75	745.00
MT5764	Mounting channel 18/20 watt	each	379.65	380.24	389.17	421.84
MT5765	Mounting channel 36/40 watt	each	611.70	504.36	487.02	667.36
Surface Luminaire (Light Emitting Diode Source)						
Surface Round/Square LED Luminaire of 3000/4000/6000k						
MT7170	0.5W	each	249.16	308.71	464.36	270.21
MT7171	3W	each	301.67	350.62	550.55	323.33
MT7172	5W	each	404.83	454.99	567.55	378.63
MT7173	6W	each	524.43	593.33	636.15	573.84
MT7174	8W	each	584.71	739.81	860.13	684.66
MT7175	12W	each	808.33	773.33	877.13	790.87
MT7176	15W	each	749.01	966.55	981.17	850.00
MT7177	16W	each	855.88	1064.65	1099.92	938.33
MT7178	18W	each	1106.53	1216.67	1262.44	1171.85
MT7179	22W	each	1104.99	1227.06	1499.82	1182.42
MT7180	36W	each	1109.84	1401.82	1407.00	1198.32

Code	Description	Units	PL	GP	S/J	TH
MT7181	42W	each	1501.63	1578.95	1535.25	1615.00
Surface LED Tube light Luminiare of 3000/4000/6000k						
MT7250	9W	each	270.40	366.67	361.17	376.67
MT7251	18W	each	274.14	392.73	427.52	366.67
MT7252	20W	each	326.67	401.67	354.25	360.00
MT7253	22W	each	420.00	478.87	456.06	471.67
MT7254	36W	each	471.67	515.00	519.12	533.33
MT7255	42W	each	619.34	600.88	575.17	600.00
Surface Down light LED Luminiare of 3000/4000/6000k						
MT7310	5W	each	448.42	500.00	490.67	536.67
MT7311	9W	each	616.67	703.33	722.94	733.33
MT7312	10W	each	760.00	848.00	862.92	903.33
MT7313	13W	each	850.00	951.67	894.13	910.00
MT7314	18W	each	933.33	1025.00	1026.92	1010.00
MT7315	22W	each	1573.33	1715.67	1778.50	1750.00
Surface Decorative wall light LED Luminiare of 3000/4000/6000k						
MT7330	0.5W	each	655.41	727.57	722.34	711.67
MT7331	3W	each	704.53	772.64	756.34	761.67
MT7332	6W	each	748.87	832.71	858.94	816.67
MT7333	8W	each	888.09	971.55	964.17	955.00
MT7334	12W	each	913.88	1064.65	1067.11	1033.33
MT7335	15W	each	1026.27	1126.39	1093.92	1093.33
MT7336	16W	each	1122.04	1249.86	1177.41	1196.67
MT7337	18W	each	1214.71	1371.36	1346.64	1333.33
MT7338	22W	each	1295.57	1420.84	1390.30	1405.00
Surface Decorative Mirror light LED Luminiare of 3000/4000/6000k						
MT7360	3W	each	359.48	398.82	378.17	382.74
MT7361	5W	each	407.18	452.22	429.77	438.33
MT7362	6W	each	458.87	502.29	481.36	490.00
MT7363	8W	each	606.27	667.50	683.15	653.33
MT7364	10W	each	657.85	732.71	727.51	718.33
Flexible LED strip Lighting						
MT7380	5W (8X2.2 mm)	m	112.56	133.17	65.14	131.67
MT7381	8W (10X3 mm)	m	124.26	138.51	82.32	138.33
MT7382	8w (10X2.2 mm)	m	131.64	148.45	113.27	146.90
MT7383	15W(10x2.2 mm)	m	156.46	175.89	133.73	176.67
Recessed Luminiare (Light Emitting Diode Source)						
Recessed Round/Square LED Luminiare of 3000/4000/6000k						
MT7390	0.5W	each	249.58	330.42	326.58	290.58
MT7391	3W	each	352.41	401.56	392.43	383.80
MT7392	5W	each	366.06	435.10	422.85	398.41
MT7393	6W	each	423.94	493.33	467.52	466.67
MT7394	8W	each	469.78	600.00	652.55	518.33
MT7395	12W	each	588.08	666.67	697.53	661.81
MT7396	15W	each	643.25	765.83	829.19	763.33
MT7397	16W	each	773.96	850.00	872.78	870.00

Code	Description	Units	PL	GP	S/J	TH
MT7398	18W	each	816.00	916.67	992.67	909.56
MT7399	22W	each	1016.67	1269.83	1296.74	1230.00
MT7400	36W	each	1216.67	1385.07	1372.41	1350.00
MT7401	42W	each	1283.33	1413.47	1406.62	1433.33
Recessed Square sleek panel LED Luminiare of 3000/4000/6000k						
MT7470	18W (4ftx1ft)	each	1966.67	2202.77	2231.81	2166.88
MT7471	24W (4ftx1ft)	each	2022.90	2294.89	2284.84	2255.17
MT7472	36W (4ftx1ft)	each	3125.20	3515.80	3404.35	3487.02
MT7473	42W (4ftx1ft)	each	3320.57	3668.66	3511.74	3651.47
Recessed Square sleek panel LED Luminiare of 3000/4000/6000k						
MT7480	18W (2ftx2ft)	each	2066.67	2396.31	2331.36	2345.82
MT7481	24W (2ftx2ft)	each	2113.92	2449.72	2362.09	2423.74
MT7482	36W (2ftx2ft)	each	2400.00	2744.65	2736.37	2706.74
MT7483	42W (2ftx2ft)	each	2469.30	2802.46	2772.17	2773.50
Recessed Down light LED Luminiare of 3000/4000/6000k						
MT7511	3W	each	463.06	524.24	488.28	503.85
MT7512	5W	each	641.08	729.04	721.75	708.72
MT7513	9W	each	784.41	891.54	886.61	855.93
MT7514	10W	each	816.67	927.76	989.21	907.00
MT7515	13W	each	916.67	1043.58	1065.32	1026.97
MT7516	18W	each	1500.00	1735.37	1758.80	1706.24
MT7517	30W	each	2234.48	2593.76	2558.54	2526.97
Outdoor Luminiare						
Surface Luminiare (Light Emitting Diode Source)						
Surface Round/squareLED Luminiare of 3000/4000/6000k						
MT7530	3W	each	409.82	356.44	336.95	386.17
MT7531	5W	each	527.08	479.20	524.33	497.10
MT7532	6W	each	687.88	598.33	638.72	635.43
MT7533	8W	each	737.52	767.50	746.65	758.68
MT7534	12W	each	887.12	844.17	777.10	851.93
MT7535	15W	each	960.00	998.73	952.35	989.83
MT7536	16W	each	1096.65	1081.32	1064.16	1093.33
MT7537	18W	each	1109.87	1232.71	1263.61	1197.45
MT7538	22W	each	1240.00	1260.40	1433.63	1263.60
MT7539	36W	each	1425.00	1426.73	1410.00	1438.70
MT7540	42W	each	1566.67	1593.79	1579.00	1625.23
Recessed Luminiare (Light Emitting Diode Source)						
Recessed Round/square LED Luminiare of 3000/4000/6000k						
MT7609	0.5W	each	304.22	344.68	326.58	328.65
MT7610	3W	each	322.77	356.44	336.95	345.65
MT7611	5W	each	419.48	470.58	457.15	454.03
MT7612	6W	each	528.79	594.21	536.72	582.30
MT7613	8W	each	673.59	764.81	742.50	742.40
MT7614	12W	each	737.52	825.88	777.10	794.83
MT7615	15W	each	883.78	989.22	952.35	960.53

Code	Description	Units	PL	GP	S/J	TH
MT7616	16W	each	953.29	1071.32	931.59	1039.27
MT7617	18W	each	1096.65	1213.71	1169.11	1186.41
MT7618	22W	each	1109.87	1232.73	1178.10	1205.00
MT7619	36W	each	1266.67	1409.40	1363.94	1363.33
MT7620	42W	each	1443.33	1603.45	1600.98	1561.67
Flexible LED strip Lighting						
MT7690	5W (8X2.2 mm)	m	85.38	107.63	107.62	95.00
MT7691	8W (10X3 mm)	m	112.93	132.30	124.85	124.00
MT7692	8w (10X2.2 mm)	m	140.59	158.50	145.48	160.00
MT7693	15W(10x2.2 mm)	m	163.41	200.17	202.32	185.90
Flood light LED based luminaire with die cast housing and toughened glass cover for out door application						
MT7700	50W	each	1733.33	2143.33	2136.05	2150.00
MT7701	70W	each	2800.00	3241.03	3190.51	3146.67
MT7702	100W	each	3666.67	4637.80	4311.50	4233.33
MT7703	150W	each	5505.31	6644.59	6324.42	6530.13
MT7704	200W	each	7166.67	8383.33	9195.67	8466.67
MT7705	250W	each	9866.67	10200.00	10011.63	10120.94
Flood Light Luminaire						
MT6123	2x250/400 watt	each	7866.67	8812.33	8481.23	8695.66
MT6124	2x500 watt halogen lamp	each	1250.00	1415.65	1373.36	1365.76
MT6125	1 or 2x1000 watt halogen lamp	each	2098.03	2328.61	2294.00	2260.00
Under water LED lighting (R), (BC) depth not less than 0.6m						
MT6105	36W	each	3500.00	3956.62	3818.30	3927.01
MT6106	42W	each	4433.33	5040.02	4982.67	4979.75
MT6107	75W	each	5500.00	6211.44	6140.50	6124.10
MT6108	100W	each	7433.33	8385.26	8355.50	8259.09
Compound Lighting						
Post Top Lantern suitable for Mercury & Sodium vapour lamp						
MT6265	1x80 watt (BC)	each	3052.51	3513.80	3375.43	3364.41
MT6266	1x125 watt (ES)	each	3116.67	3554.70	3385.07	3466.76
MT6267	1x60 watt (ES)	each	2400.00	2703.27	2682.67	2641.84
Post Top Lantern suitable for LED lamps with 3000/4000/6000k						
MT7710	60 W (BC/ES)	each	2633.33	3010.60	2961.57	2967.37
MT7711	80 W (BC/ES)	each	3066.67	3495.66	3376.38	3422.72
MT7712	100 W (BC/ES)	each	4000.00	4547.31	4657.04	4509.75
MT7713	125 W (BC/ES)	each	5000.00	5799.19	5710.46	5574.24
MT7714	250 W (ES)	each	6000.00	6829.97	6720.08	6711.71
MT7715	400 W (ES)	each	6933.33	7852.22	7772.71	7750.37
Steel Tubular Pole for compound lighting 50/60 mm dia. with base plate						
MT6450	3m, 4.5mm thick	each	5000.00	5160.99	5414.58	5010.25
Street Lighting						
LED Street light luminaire with 3000/4000/6000K						
MT7730	70W	each	2766.67	3266.02	3024.05	3150.49

Code	Description	Units	PL	GP	S/J	TH
MT7731	100W	each	3381.65	3858.70	3770.11	3784.57
MT7732	150W	each	6866.67	8001.19	8013.60	7803.80
MT7733	200W	each	9733.33	11158.44	11203.68	11020.00
MT7734	250W	each	10400.00	11929.52	11536.68	11776.33
Street Light luminaire suitable for Mercury & Sodium vapour lamp						
MT6280	80 W (BC/ES)	each	3512.85	3948.43	3835.78	3932.30
MT6281	125 W (BC/ES)	each	3600.96	4075.25	4065.17	4030.75
MT6282	250 W (ES)	each	5209.13	5912.30	6076.18	5833.44
MT6283	400 W (ES)	each	6166.67	7069.19	7253.49	6960.23
Swaged type Street Light Steel Tubular Pole (410 MPa) with base plate						
MT6466	5.5 m, 141kg	each	9251.45	12922.33	13585.50	10153.37
MT6467	8.5m, 141 kg	each	15100.00	17253.70	16794.85	16670.04
MT6468	9 m, 141kg	each	21666.67	22734.94	21821.34	23931.67
MT6469	11 m, 141kg	each	21933.33	24529.48	24332.80	24190.36
Pole Cap with Arm						
Pole cap with arm 1.1m long 50/60 dia. for street lighting						
MT6480	Single arm	each	2922.18	3282.43	3259.67	2960.00
MT6481	Double arm	each	3900.08	4183.56	4144.33	3915.00
MT6482	Triple arm	each	3903.29	4346.64	4287.70	4138.33
MS junction box out door duty						
MT6495	MS junction box out door duty, fabricated with 14SWG MS sheet	each	1205.15	1105.78	1320.62	1355.37
Lamps						
LED Lamp with 3000/4000/6000K						
MT7740	0.5W	each	55.17	71.21	61.92	60.70
MT7741	2W	each	60.58	83.13	73.93	65.58
MT7742	3W	each	65.21	89.80	85.89	71.67
MT7743	5W	each	75.33	132.71	120.19	82.67
MT7744	6W	each	100.63	136.84	122.27	108.66
MT7745	8W	each	125.13	139.32	134.15	135.47
MT7746	9W	each	170.00	134.78	171.79	183.91
MT7747	12W	each	190.00	273.71	264.90	206.74
MT7748	15W	each	203.33	294.70	288.82	218.61
MT7749	18W	each	251.67	310.12	309.58	273.33
MT7750	22W	each	277.00	342.99	328.65	303.33
MT7751	24W	each	296.67	347.55	333.49	327.04
MT7752	36W	each	312.81	366.85	340.41	339.53
MT7753	42W	each	370.00	424.42	409.01	403.77
MT7754	50W	each	412.10	455.03	446.77	448.60
MT7755	70W	each	451.67	513.03	505.28	491.37
MT7756	100W	each	551.67	623.37	2384.25	602.50
MT7757	150W	each	751.67	865.36	822.40	820.07
MT7758	200W	each	803.33	913.71	897.12	880.00
MT7759	250W	each	955.00	1235.01	1161.72	1041.67

Code	Description	Units	PL	GP	S/J	TH
Compact Fluorescent Lamps (CFLs) 240 volt A.C						
MT6240	5W (BC/ES)	each	96.07	133.85	125.99	108.33
MT6241	8 W (BC/ES)	each	106.53	148.46	132.81	120.17
MT6242	12 W (BC/ES)	each	150.79	191.87	183.90	169.22
MT6243	15 W (BC/ES)	each	155.71	216.93	197.54	175.00
MT6244	18W (BC/ES)	each	171.67	198.03	187.99	190.00
MT6245	22W (BC/ES)	each	181.67	210.20	195.49	205.28
MT6246	36W (BC/ES)	each	193.33	219.00	219.99	215.20
MT6247	42W (BC/ES)	each	214.73	247.07	234.99	240.33
Fluorescent tube rod lamp 240 volt A.C						
MT6345	TL lamp 18/20 watt	each	39.41	48.48	47.37	44.00
MT6346	TL lamp 36/40 watt	each	43.38	57.58	52.45	46.50
MT6347	TLF lamp 36/40 watt	each	45.04	69.23	56.85	46.00
Fans						
Ceiling fan 240 volt A.C						
MT6395	1400 rpm, 900mm sweep	each	1683.33	1797.65	1827.08	1845.67
MT6396	1400 rpm, 1200mm sweep	each	1900.00	2019.63	1827.75	2245.22
MT6397	1400 rpm, 1400mm sweep	each	2100.00	2202.93	2195.98	2066.67
Exhaust fan 240 volt A.C						
MT6415	900 rpm, 300mm sweep	each	1616.67	1500.00	1616.67	1570.00
MT6416	900 rpm, 380mm sweep	each	1700.00	1720.98	2308.75	1761.67
MT6417	900 rpm, 450mm sweep	each	1850.00	2716.82	2942.33	2005.00
MT6418	1400 rpm, 300mm sweep	each	1983.33	2341.83	2424.17	2210.00
MT6419	1400 rpm, 380mm sweep	each	2531.97	2641.44	2627.25	2840.00
MT6420	1400 rpm, 450mm sweep	each	3290.82	2983.53	4016.50	3800.00
Aluminium louvere with frame						
MT6435	300mm sweep	each	331.56	401.07	337.15	378.85
MT6436	380mm sweep	each	377.85	449.80	425.69	433.33
MT6437	450mm sweep	each	566.77	666.38	641.06	648.59
Switch Gears, DBs & Busbar chamber						
Miniature Circuit Breaker (MCB)						
SP MCB 230 volt A.C						
MT5085	6A	each	168.33	206.15	153.28	190.53
MT5086	10A	each	168.33	202.55	153.97	190.53
MT5087	16A	each	168.33	196.67	154.00	190.53
MT5088	20A	each	168.33	215.00	154.61	190.53
MT5089	25A	each	168.33	224.33	155.18	190.53
MT5090	32A	each	168.33	258.67	178.92	190.53
MT5091	40A	each	221.67	384.00	246.10	338.52
MT5092	63A	each	256.67	460.00	331.43	357.50
SPN MCB, 230 volt A.C						
MT5115	6A	each	518.89	602.09	560.11	579.18
MT5116	10A	each	518.89	602.06	561.06	579.18

Code	Description	Units	PL	GP	S/J	TH
MT5117	16A	each	518.89	598.72	561.97	579.18
MT5118	20A	each	518.89	601.46	562.00	579.18
MT5119	25A	each	518.89	602.17	563.83	579.18
MT5120	32A	each	518.89	602.94	564.75	579.18
MT5121	40A	each	850.00	965.80	945.83	940.41
MT5122	63A	each	850.00	975.87	947.42	940.41
2 pole MCB, 230 volt A.C						
MT5145	6A	each	594.25	285.00	642.92	666.67
MT5146	10A	each	594.25	361.67	642.92	666.67
MT5147	16A	each	745.00	428.67	642.92	666.67
MT5148	20A	each	745.00	432.00	727.42	666.67
MT5149	25A	each	745.00	421.67	761.42	666.67
MT5150	32A	each	753.67	656.67	744.42	666.67
MT5151	40A	each	933.33	1071.67	964.25	1036.67
MT5152	50A	each	980.00	1168.38	1146.67	1095.00
MT5153	63A	each	1250.00	1351.67	1291.43	1456.67
TP MCB, 415 volt A.C						
MT5180	6A	each	912.22	1051.29	1056.05	1008.52
MT5181	10A	each	912.22	1057.96	1059.69	1008.52
MT5182	16A	each	912.22	1056.29	1062.09	1008.52
MT5183	20A	each	912.22	1057.29	1062.67	1008.52
MT5184	25A	each	912.22	1057.63	1063.69	1008.52
MT5185	32A	each	912.22	1057.96	1065.28	1008.52
MT5186	40A	each	1398.91	1596.37	1503.47	1540.33
MT5187	50A	each	1398.91	1596.40	1503.47	1540.33
MT5188	63A	each	1398.91	1612.97	1503.47	1540.33
MT5189	80A	each	1833.33	1716.46	1669.19	2026.95
TPN MCB, 415 volt, A.C						
MT5220	6A	each	1526.55	1477.48	1570.83	1600.00
MT5221	10A	each	1526.55	1507.74	1572.68	1650.00
MT5222	16A	each	1526.55	1531.57	1573.92	1650.00
MT5223	20A	each	1526.55	1524.93	1575.24	1650.00
MT5224	25A	each	1526.55	1533.41	1576.13	1650.00
MT5225	32A	each	1555.00	1576.83	1577.01	1650.00
MT5226	40A	each	1900.00	1573.56	1770.83	1833.33
MT5227	50A	each	2000.00	1625.00	2121.00	1873.84
MT5228	63A	each	2100.00	1833.48	2172.17	1900.00
MT5229	80A	each	2236.67	2644.36	2538.63	2620.00
4 pole MCB, 415 volt A.C						
MT5260	6A	each	1918.27	1595.35	1575.58	1870.00
MT5261	10A	each	1918.27	1602.06	1576.58	1870.00
MT5262	16A	each	1918.27	1603.87	1581.58	1870.00
MT5263	20A	each	1918.27	1598.72	1576.75	1870.00
MT5264	25A	each	1918.27	1600.45	1582.08	1870.00
MT5265	32A	each	1918.27	1601.87	1579.83	1870.00
MT5266	40A	each	2266.67	2007.25	1928.92	2100.00
MT5267	50A	each	2240.00	2124.37	1971.57	2200.00
MT5268	63A	each	2366.67	2234.93	2160.75	2300.00
MT5269	80A	each	2433.33	2537.92	2396.42	2500.00

Code	Description	Units	PL	GP	S/J	TH
Residual Current Circuit Breaker (RCCB)						
2 pole RCCB, 230 volt A.C, 30mA						
MT5350	16A	each	2129.76	2241.65	2259.90	2360.00
MT5351	25A	each	2129.76	2245.06	2331.88	2360.00
MT5352	32A	each	2129.76	2627.64	2470.38	2360.00
MT5353	40A	each	2396.73	2662.09	2706.64	2740.00
MT5354	63A	each	2937.82	3178.83	3215.67	3155.00
2 pole RCCB, 230 volt A.C, 100mA						
MT5380	16A	each	2089.36	2296.22	2621.21	2433.33
MT5381	25A	each	2483.74	2643.66	2622.85	2433.33
MT5382	32A	each	2580.27	2916.83	2622.85	2766.67
MT5383	40A	each	2858.77	3518.50	2624.75	3801.58
MT5384	63A	each	3166.67	3500.00	3427.92	3400.00
2 pole RCCB, 230 volt A.C, 300mA						
MT5410	16A	each	2165.65	2463.65	2499.27	2376.05
MT5411	25A	each	2165.65	2466.82	2499.68	2376.05
MT5412	32A	each	2496.98	2848.67	2780.50	2760.57
MT5413	40A	each	2500.00	2932.37	2780.67	2760.57
MT5414	63A	each	2933.33	3352.97	3498.98	3227.87
4 pole RCCB, 415 volt A.C, 30mA						
MT5440	16A	each	2591.40	3058.07	3048.58	2895.18
MT5441	25A	each	2591.40	3087.87	3082.92	2895.18
MT5442	32A	each	2635.44	3140.11	3083.92	2931.46
MT5443	40A	each	2652.10	3163.62	3084.92	2931.46
MT5444	63A	each	3050.00	3589.44	3500.15	3360.41
MT5445	80A	each	3210.75	3751.81	3501.32	3535.40
4 pole RCCB, 415 volt A.C, 100mA						
MT5470	16A	each	3000.00	3150.33	3115.67	3086.67
MT5471	25A	each	3066.67	3439.08	3118.30	3086.67
MT5472	32A	each	3233.33	3530.26	3121.43	3086.67
MT5473	40A	each	3300.00	3564.58	3123.50	3086.67
MT5474	63A	each	3416.67	3366.97	3464.53	3586.67
MT5475	80A	each	3500.00	3600.72	3566.69	3716.75
4 pole RCCB, 415 volt A.C, 300mA						
MT5500	16A	each	2805.32	3247.88	3402.79	3115.22
MT5501	25A	each	2788.66	3251.25	3377.27	3115.22
MT5502	32A	each	2866.67	3296.06	3400.87	3160.49
MT5503	40A	each	2868.78	3312.73	3400.87	3160.49
MT5504	63A	each	3302.67	3771.09	3544.97	3615.22
MT5505	80A	each	3350.00	3872.44	3916.63	3710.00
Panel Mounting MCCB						
MT5640	3 pole, 16kA, MCCB 63A, 415V	each	3566.67	3911.81	3846.33	4066.67
MT5641	3 pole, 16kA, MCCB 100A, 415V	each	3750.00	4046.36	4013.67	4000.00
MT5642	3 pole, 16kA, MCCB 125A, 415V	each	3916.67	4168.48	4664.97	4133.33
MT5643	4 pole, 16kA, MCCB 63A, 415V	each	4800.00	5333.44	4731.90	5103.33

Code	Description	Units	PL	GP	S/J	TH
MT5644	4 pole, 16kA, MCCB 100A, 415V	each	4883.33	5240.84	4832.30	5133.33
MT5645	4 pole, 16kA, MCCB 125A, 415V	each	5300.00	5469.45	5210.42	5133.33
MT5646	3 pole, 25kA, MCCB 63A, 415V	each	5000.00	4516.81	5210.42	4353.33
MT5647	3 pole, 25kA, MCCB 100A, 415V	each	5000.00	4716.55	5890.13	4353.33
MT5648	3 pole, 25kA, MCCB 125A, 415V	each	5400.00	6260.35	7249.56	6285.97
MT5649	4 pole, 25kA, MCCB 63A, 415V	each	5600.00	6162.55	6057.47	6120.27
MT5650	4 pole, 25kA, MCCB 100A, 415V	each	5700.00	6164.12	6057.47	6120.27
MT5651	4 pole, 25kA, MCCB 125A, 415V	each	6660.61	7717.52	7396.13	7633.33
MT5652	3 pole, 36kA, MCCB 125A, 415V	each	6500.00	6650.13	6907.11	6474.92
MT5653	3 pole, 36kA, MCCB 160A, 415V	each	8166.67	9307.00	8580.44	8643.03
MT5654	3 pole, 36kA, MCCB 250A, 415V	each	19500.00	17716.67	14261.57	16613.65
MT5655	4 pole, 36kA, MCCB 125A, 415V	each	9000.00	9091.67	8568.63	8735.22
MT5656	4 pole, 36kA, MCCB 160A, 415V	each	10800.00	11076.59	9804.60	10181.97
MT5657	4 pole, 36kA, MCCB 250A, 415V	each	20333.33	21328.82	19580.65	20268.57
MT5658	4 pole, 50kA, MCCB 250A, 415V	each	22000.00	23867.00	22776.53	22735.89
MT5659	4 pole, 50kA, MCCB 400A, 415V	each	23000.00	27637.75	26828.85	26394.15
MT5660	4 pole, 50kA, MCCB 630A, 415V	each	31000.00	36354.33	34100.61	35513.64
MT5661	4 pole, 50kA, MCCB 800A, 415V	each	38333.33	44595.80	42874.49	43798.91

HRC Fuses, 415 volt with panel mount fuse unit

MT5049	200A, 415V	each	7180.63	8012.42	7352.77	7880.00
MT5050	250A, 415V	each	7844.19	8793.05	8333.14	8711.87
MT5051	315A, 415V	each	10924.50	12518.62	11764.43	12160.10
MT5052	400A, 415V	each	19379.68	21689.16	19607.38	21365.50
MT5053	500A, 415V	each	23333.33	26307.52	24493.39	25708.97
MT5054	630A, 415V	each	26000.00	29305.80	29392.07	28823.73
MT5056	800A, 415V	each	27533.94	31192.20	29411.07	30658.53

DP Timer switch , 230 volt A.C

Digital DP Timer switch , 230 volt A.C

MT5340	24hrs/24hrs	each	4600.00	3327.50	3763.83	3433.33
MT5341	7days/24hrs	each	3666.67	3653.33	3988.73	3710.00

Analog DP Timer switch , 230 volt A.C

MT5342	24hrs/24hrs	each	1659.51	1855.26	1762.35	1815.28
MT5343	7days/24hrs	each	1914.88	2336.54	2271.22	2137.26

Distribution Board (DB)

SPN DB, 230 volt A.C, without door

MT5524	2 way		293.33	298.96	280.28	321.87
MT5525	4 way	each	358.33	370.05	321.25	391.78
MT5526	6 way	each	910.25	807.55	833.68	1003.63
MT5527	8 way	each	1033.33	842.48	901.56	1125.62
MT5528	12 way	each	1216.67	1230.99	1054.17	1328.87
MT5529	16 way	each	1487.36	1395.26	1799.82	1620.00

SPN DB, 230 volt A.C, with metal door

MT5530	2 way	each	583.33	309.40	507.42	625.00
MT5531	4 way	each	1016.67	1033.50	959.58	1200.37
MT5532	6 way	each	1266.67	1100.20	1144.33	1377.03

Code	Description	Units	PL	GP	S/J	TH
MT5533	8 way	each	1566.67	2250.16	2016.67	1479.37
MT5534	12 way	each	1850.00	2480.00	2185.00	2010.00
MT5535	16 way	each	2133.33	2116.81	2352.50	2195.37
SPN DB, 230 volt A.C, with acrylic door						
MT5550	4 way	each	1393.43	1256.52	1157.93	1630.37
MT5551	6 way	each	1537.33	1803.62	1873.78	1718.75
MT5552	8 way	each	1683.33	1736.62	1833.25	1885.37
MT5553	12 way	each	2038.88	2550.83	2136.92	2295.50
MT5554	16 way	each	2500.00	2570.93	2305.08	2846.87
TPN DB, 415 volt A.C, without door (Horizontal/Vertical)						
MT5570	4 way	each	2200.00	2398.74	2459.17	2461.83
MT5571	6 way	each	2216.67	2398.74	2459.17	2468.73
MT5572	8 way	each	2766.67	2881.78	2951.01	3113.70
MT5573	12 way	each	3747.24	3095.24	3928.01	4233.53
MT5574	16 way	each	4000.00	3251.40	4419.01	4515.34
TPN DB, 415 volt A.C, with metal door -Horizontal/Vertical						
MT5580	4 way	each	2850.00	3050.18	3184.38	3037.00
MT5581	6 way	each	3583.33	3633.52	3896.72	3756.08
MT5582	8 way	each	4450.00	4682.33	4404.75	4509.00
MT5583	12 way	each	6683.33	5400.31	7112.39	6780.38
MT5584	16 way	each	7650.00	6726.46	7793.44	8362.57
TPN DB, 415 volt A.C, with acrylic door-Horizontal/Vertical						
MT5600	4 way	each	3700.00	4049.73	4064.22	4050.13
MT5601	6 way	each	4500.00	4947.20	4912.78	4925.25
MT5602	8 way	each	5316.67	5893.12	5761.33	5866.73
MT5603	12 way	each	8166.67	9042.67	9490.55	9023.43
MT5604	16 way	each	9733.33	10793.12	10494.08	10700.13
Copper Busbars & MS Busbar Chamber						
MT4960	2 strips, 300mm bar, 100A	each	4233.33	5108.96	4754.75	5000.00
MT4961	4 strips, 300mm bar, 100A	each	9200.00	11036.88	10160.55	10600.00
MT4962	4 strips, 300mm bar, 200A	each	10766.67	12862.68	12025.16	12466.67
MT4963	2 strips, 450mm bar, 100A	each	4400.00	5291.44	4979.78	5133.33
MT4964	4 strips, 450mm bar, 100A	each	9233.33	10963.51	11522.66	10733.33
MT4965	4 strips, 450mm bar, 200A	each	10833.33	12967.38	12025.16	12535.07
MT4966	4 strips, 600mm bar, 100A	each	9600.00	11387.06	11522.66	11183.43
MT4967	4 strips, 600mm bar, 200A	each	12700.00	15059.80	14730.03	15043.17
MT4968	4 strips, 600mm bar, 300A	each	18666.67	22202.11	20301.10	21633.40
Aluminium alloy/wrought Busbars suitable for cubical panel board						
MT4980	4 strips, 600mm bar, 300A	each	13333.33	12758.72	12188.66	13026.67
MT4981	4 strips, 600mm bar, 400A	each	15666.67	14412.43	14230.83	15000.00
MT4982	4 strips, 600mm bar, 600A	each	17500.00	17440.57	17397.98	17500.00
MT4983	4 strips, 900mm bar, 400A	each	29000.00	34669.41	32865.17	33723.08
MT4984	4 strips, 900mm bar, 600A	each	31333.33	37494.35	34550.63	36316.78
MT4985	4 strips, 900mm bar, 800A	each	34333.33	40729.08	38370.42	39903.25
MT4986	4 strips, 1350mm bar, 400A	each	36166.67	42584.28	41418.15	42000.00
MT4987	4 strips, 1350mm bar, 600A	each	37000.00	43567.98	42190.88	43166.67
MT4988	4 strips, 1350mm bar, 800A	each	42333.33	50077.54	50621.10	49778.67

Code	Description	Units	PL	GP	S/J	TH
Earth Plug & Socket						
Earth plug & Socket, DP 230 volt A.C						
MT5610	10A	each	816.67	942.77	937.73	923.50
MT5611	20A	each	838.19	967.89	939.28	946.93
Earth plug & Socket, 4 pole 415 volt A.C						
MT5620	20A	each	1583.33	1818.90	1878.55	1773.63
MT5621	32A	each	1933.33	2248.82	2209.83	2153.73
MT5622	63A	each	2600.00	3629.06	3640.69	2933.70
Lightning Arrester						
Copper tube finial with base plate 85x3mm						
MT5630	25mm dia, 300mm long with single prong	each	2600.00	2993.95	2997.92	2923.50
MT5631	25mm dia, 900mm long with four prong	each	2816.67	3263.01	3115.59	3174.47
G.I tube finial with copper base plate 85x6mm						
MT5635	25mm dia, 300mm long with single prong	each	1489.76	1717.97	1831.90	1660.23
Earthing						
Earthing Plate						
MT6510	GI Plate, 600x600x6mm	each	1533.33	1716.67	1314.50	1600.00
MT6511	Copper Plate, 600x600x3mm	each	8166.67	10516.67	10824.27	8966.67
MT6512	GEE slab 5ftx1ftx5cm	each	2033.33	2029.37	1961.61	1855.23
Earthing Strip						
MT6515	GI Tape\Strip 20x3 mm	m	23.33	27.09	29.10	27.18
MT6516	GI Tape\Strip 50x6 mm	m	27.33	31.57	34.22	31.77
MT6517	GI Tape\Strip 25x4 mm	m	31.00	35.82	36.71	35.77
MT6518	GI Tape\Strip 25x6 mm	m	34.00	38.06	36.71	38.83
MT6519	Copper Tape\Strip 25x4	m	141.67	157.15	157.35	160.00
Earthing Wire						
MT6530	GI, 4mm dia (8swg)	m	16.66	15.52	18.84	19.00
MT6531	GI, 4.9mm dia (6swg)	m	22.51	19.38	18.84	25.33
MT6536	Copper, 4mm dia (8swg)	m	91.67	97.37	102.62	103.51
MT6538	Copper, 4.88mm dia (6SWG)	m	103.33	110.89	119.46	117.07
Accessories						
MT6555	Charcoal	kg	47.00	21.00	59.17	41.13
MT6556	Salt	kg	13.00	12.55	25.37	11.04
MT6557	G.I Spike 1.8m	kg	448.97	615.65	541.33	531.87
Air Conditioners						
Window Type						
MT6565	2 tonne	each	51000.00	52031.57	53786.38	59906.18
MT6566	1.5 tonne	each	32433.33	39492.70	44007.04	37639.28
MT6567	1 tonne	each	29666.67	34759.83	39117.37	34827.54

Code	Description	Units	PL	GP	S/J	TH
Split Type						
MT6585	2 tonne	each	45000.00	51298.17	50605.11	47318.96
MT6586	1.5 tonne	each	38333.33	39279.60	40484.09	39729.04
MT6587	1 tonne	each	34500.00	34596.50	35423.58	36000.00
CIVIL ITEMS						
Machinery						
MP0111	Concrete Mixer	day	3200.00	3200.00	10768.00	3200.00
MP0012	Concrete Vibrator	day	2032.00	2032.00	2112.00	2032.00
Forest product						
MT0325		m	12973.87	13843.13	14651.08	13498.83
MT0330	Rough-sawn timber Class 'B',(Mixed Conifer)	cu.m	12973.87	13829.41	14651.08	13498.83
MT0043	Sand	cu.m	475.46	578.59	821.90	1209.82
Stone Aggregates						
MT0068	40mm	cu.m	788.98	788.98	788.98	788.98
MT0070	20mm	cu.m	953.60	1209.46	1007.72	1007.72
Miscellaneous						
MT0806	G.I Pipe heavy duty - 20mm	m	209.00	209.00	231.00	275.28
MT0125	Bricks	1000#	12500.00	13750.00	12750.00	16000.00
MT0145	Cement (OPC/PSC)	tonne	7700.00	7466.67	7360.00	9450.00
MT0705	Watertight C.I. Manhole Cover with frame, 300 x 300mm inside size Wt. of cover not less than 4.53 kg wt. of frame not less than 2.72 kg	each	1087.50	1087.50	1125.00	1123.75

SECTION – II

BUILT - UP ITEMS RATE

Code	Description	Units	PL	GP	SJ	TH
Chapter - 1 - WIRING SYSTEM						
Copper Wiring						
Provide & Draw Multistrand 1.1kV grade PVC insulated copper conductor cable in existing conduit (any types of conduit)						
WI0001	1x1.5 sq.mm	m	44.66	45.04	45.88	46.07
WI0002	2x1.5 sq.mm	m	69.75	70.53	72.20	72.58
WI0003	1x2.5 sq.mm	m	60.13	51.76	50.77	58.44
WI0004	2x2.5 sq.mm	m	100.69	83.96	81.98	97.32
WI0005	1x4 sq.mm	m	76.50	70.95	67.99	74.94
WI0006	2x4 sq.mm	m	133.45	122.35	116.42	130.31
WI0007	1x6 sq.mm	m	111.42	98.03	99.28	107.14
WI0008	2x6 sq.mm	m	203.29	176.50	178.99	194.71
WI0009	1x10 sq.mm	m	176.67	140.76	132.82	168.80
WI0010	2x10 sq.mm	m	333.79	261.97	246.08	318.05
WI0011	1x16 sq.mm	m	247.34	237.33	228.15	250.10
WI0012	2x16 sq.mm	m	475.13	455.10	436.73	480.64
POINT WIRING FOR STAINLESS STEEL CONDUIT						
Wiring for light, fans, call bell and 2 pin light socket outlet with 1.5 sq.mm 1.1kV grade, PVC insulated copper conductor cable in stainless steel conduit including connections, painting, testing and commissioning etc. as required						
WS0065	Short Point	point	1344.73	1363.68	1397.18	1394.58
WS0066	Medium Point	point	2411.80	2459.84	2503.38	2492.13
WS0067	Long Point	point	3584.78	3658.18	3708.23	3704.97
Wiring for 3/5 pin, 6 ampere plug point with 2.5 sq.mm 1.1kV grade, PVC insulated copper conductor cable in stainless steel conduit with providing and fixing 3/5 pin, 6 ampere socket outlet and switch including earthing the third pin, connections, painting, testing and commissioning etc. as required						
WS0085	Short Point	point	1540.81	1495.22	1583.03	1533.47
WS0086	Medium Point	point	2820.27	2726.92	2811.00	2820.00
WS0087	Long Point	point	4241.05	4083.39	4157.91	4253.32
Wiring for 5/6 pin, 16 ampere plug point with 4 sq.mm 1.1kV grade, PVC insulated copper conductor cable in stainless steel conduit with providing and fixing 5/6 pin, 16 ampere socket outlet and switch including earthing the third pin, connections, painting, testing and commissioning etc. as required						
WS0105	Short Point	point	1775.49	1726.98	1906.29	1843.31
WS0106	Medium Point	point	3152.24	3072.70	3236.54	3227.83
WS0107	Long Point	point	4686.52	4562.20	4702.78	4775.46
Wiring for 3 pin, 16 ampere plug point with 4 sq.mm 1.1kV grade, PVC insulated copper conductor cable in stainless steel conduit with providing and fixing 3 pin, 16 ampere socket outlet and switch including earthing the third pin, connections, painting, testing and commissioning etc. as required						
WS0115	Short Point	point	1728.83	1742.53	1854.75	1769.81
WS0116	Medium Point	point	3105.57	3088.25	3185.01	3154.34
WS0117	Long Point	point	4639.86	4577.75	4651.24	4701.97
Wiring for twin light point with 1.5 sq.mm 1.1kV grade, PVC insulated copper conductor cable in stainless steel conduit with 2 way 6 ampere switch including connections, painting, testing and commissioning etc. as required						
WS0135	Short Point	point	1409.90	1481.26	1535.47	1525.82
WS0136	Medium Point	point	2551.50	2653.12	2719.86	2702.11
WS0137	Long Point	point	3811.45	3939.77	4015.92	4006.81

Code	Description	Units	PL	GP	SJ	TH
Wiring for points in excess length above long points with 1.1kV grade, PVC insulated copper conductor cable in stainless steel conduit including connections, painting, testing and commissioning etc. as required						
WS0146	2x1.5 sq.mm	m	388.48	397.84	398.67	402.88
WS0147	2x4 sq.mm	m	471.82	469.30	462.53	480.25
Wiring for lighting circuit with 1.1kV grade, PVC insulated copper conductor cable in stainless steel conduit including connections, painting, testing and commissioning etc. as required						
WS0156	2x2.5 sq.mm	m	419.42	411.27	408.46	427.62
POINT WIRING FOR MS CONDUIT						
Wiring for light, fans, call bell and 2 pin light socket outlet with 1.5 sq.mm 1.1kV grade,PVC insulated copper conductor cable in surface MS conduit including connections,painting,testing and commissioning etc. as required						
WM0105	Short Point	point	1125.52	1156.06	1197.77	1176.17
WM0106	Medium Point	point	2000.84	2077.88	2141.95	2083.18
WM0107	Long Point	point	2886.50	3009.39	3094.48	2846.44
Wiring for 3/5 pin, 6 ampere plug point with 2.5 sq.mm 1.1kV grade, PVC insulated copper conductor cable in surface MS conduit with providing & fixing 3/5 pin, 6 ampere socket outlet and switch including earthing the third pin, connections,painting,testing & commissioning etc. as required						
WM0125	Short Point	point	1321.59	1287.60	1383.62	1315.06
WM0126	Medium Point	point	2409.31	2344.96	2449.57	2411.05
WM0127	Long Point	point	3542.76	3434.61	3544.17	3558.47
Wiring for 5/6 pin, 16 ampere plug point with 4 sq.mm 1.1kV grade, PVC insulated copper conductor cable in surface MS conduit with providing & fixing 5/6 pin, 16 ampere socket outlet and switch including earthing the third pin, connections, painting, testing and commissioning etc. as required						
WM0145	Short Point	point	1582.12	1573.45	1769.58	1658.21
WM0146	Medium Point	point	2741.27	2690.75	2875.12	2818.88
WM0147	Long Point	point	3988.23	3913.41	4089.03	4080.61
Wiring for 3 pin, 16 ampere plug point with 4 sq.mm 1.1kV grade, PVC insulated copper conductor cable in surface MS conduit with providing & fixing 3 pin, 16 ampere socket outlet and switch including earthing the third pin, connections,painting,testing and commissioning etc. as required						
WM0155	Short Point	point	1509.61	1534.92	1655.35	1551.40
WM0156	Medium Point	point	2694.61	2706.30	2823.58	2745.39
WM0157	Long Point	point	3941.57	3928.96	4037.50	4007.12
Wiring for twin light point with 1.5 sq.mm 1.1kV grade, PVC insulated copper conductor cable in surface MS conduit with 2 way 6 ampere switch including connections, painting, testing and commissioning etc. as required						
WM0175	Short Point	point	1190.68	1273.64	1336.06	1307.40
WM0176	Medium Point	point	2140.54	2271.16	2358.43	2293.16
WM0177	Long Point	point	3113.17	3290.99	3402.17	3311.96
Wiring for points in excess length above long points with 1.1kV grade, PVC insulated copper conductor cable in surface MS conduit including connections, painting,testing &commissioning etc. as required						
WM0186	2x1.5 sq.mm	m	277.48	294.57	300.88	292.42
WM0187	2x4 sq.mm	m	348.27	353.48	352.19	357.24

Code	Description	Units	PL	GP	SJ	TH
Wiring for lighting circuit with 1.1kV grade, PVC insulated copper conductor cable in surface MS conduit including connections, painting, testing and commissioning etc. as required						
WM0196	2x2.5 sq.mm	m	308.42	308.00	310.67	317.16
POINT WIRING FOR PVC CONDUIT						
Wiring for light, fans, call bell and 2 pin light socket outlet with 1.5 sq.mm 1.1kV grade, PVC insulated copper conductor cable in PVC surface conduit including connections, painting, testing and commissioning etc. as required						
WC0160	Short Point	point	772.44	801.64	767.89	757.55
WC0161	Medium Point	point	1234.10	1266.30	1182.46	1200.18
WC0162	Long Point	point	1806.14	1841.83	1698.95	1749.71
Wiring for 3/5 pin, 6 ampere plug point with 2.5 sq.mm 1.1kV grade, PVC insulated copper conductor cable in PVC surface conduit with providing and fixing 3/5 pin, 6 ampere socket outlet and switch including earthing the third pin, connections, painting, testing and commissioning etc. as required						
WC0180	Short Point	point	1117.15	1109.97	1132.44	1100.29
WC0181	Medium Point	point	1823.52	1777.77	1747.15	1773.55
WC0182	Long Point	point	2682.12	2592.56	2499.74	2593.53
Wiring for 5/6 pin, 16 ampere plug point with 4 sq.mm 1.1kV grade, PVC insulated copper conductor cable in PVC surface conduit with providing and fixing 5/6 pin, 16 ampere socket outlet and switch including earthing the third pin, connections, painting, testing and commissioning etc. as required						
WC0200	Short Point	point	1350.27	1332.03	1461.64	1391.08
WC0201	Medium Point	point	2153.93	2113.85	2178.62	2162.33
WC0202	Long Point	point	3126.04	3061.66	3050.53	3096.63
Wiring for 3 pin, 16 ampere plug point with 4 sq.mm 1.1kV grade, PVC insulated copper conductor cable in PVC surface conduit with providing and fixing 3 pin, 16 ampere socket outlet and switch including earthing the third pin, connections, painting, testing and commissioning etc. as required						
WC0210	Short Point	point	1303.61	1347.58	1410.10	1317.58
WC0211	Medium Point	point	2107.27	2129.40	2127.08	2088.84
WC0212	Long Point	point	3079.38	3077.21	2999.00	3023.14
Wiring for twin light point with 1.5 sq.mm 1.1kV grade, PVC insulated copper conductor cable in PVC surface conduit with 2 way 6 ampere switch including connections, painting, testing and commissioning etc. as required						
WC0230	Short Point	point	834.95	931.70	948.96	898.59
WC0231	Medium Point	point	1403.47	1539.66	1520.08	1461.62
WC0232	Long Point	point	2101.25	2284.63	2221.81	2152.99
Wiring for points in excess length above long points with 1.1kV grade, PVC insulated copper conductor cable in PVC surface conduit including connections, painting, testing and commissioning etc. as required						
WC0241	2x1.5 sq.mm	m	159.75	162.10	138.51	150.97
WC0242	2x4 sq.mm	m	243.09	233.56	202.37	228.35
Wiring for lighting circuit with 1.1kV grade, PVC insulated copper conductor cable in PVC surface conduit including connections, painting, testing and commissioning etc. as required						
WC0251	2x2.5 sq.mm	m	190.69	175.53	148.30	175.71

Code	Description	Units	PL	GP	SJ	TH
POINT WIRING FOR PVC CASING & CAPPING						
Wiring for light, fans, call bell and 2 pin light socket outlet with 1.5 sq.mm 1.1kV grade, PVC insulated copper conductor cable in PVC casing and capping including connections, painting, testing & commissioning etc., as required.						
WP0105	Short Point	point	753.87	771.82	782.02	748.10
WP0106	Medium Point	point	1202.00	1220.82	1232.59	1204.03
WP0107	Long Point	point	1757.13	1776.97	1790.57	1768.26
Wiring for 3/5 pin, 6 ampere plug point with 2.5 sq.mm 1.1kV grade, PVC insulated copper conductor cable in PVC casing & capping with providing and fixing 3/5 pin, 6 ampere socket outlet and switch including earthing the third pin, connections, painting, testing and commissioning etc. as required						
WP0125	Short Point	point	1089.75	1066.85	1103.80	1070.02
WP0126	Medium Point	point	1733.05	1650.17	1676.14	1698.42
WP0127	Long Point	point	2515.88	2363.02	2376.18	2463.85
Wiring for 5/6 pin, 16 ampere plug point with 4 sq.mm 1.1kV grade, PVC insulated copper conductor cable in PVC casing & capping with providing and fixing 5/6 pin, 6/16 ampere socket outlet & switch including earthing the third pin, connections, painting, testing & commissioning etc. as required						
WP0145	Short Point	point	1399.19	1297.82	1432.99	1430.82
WP0146	Medium Point	point	2254.26	2008.53	2107.61	2262.23
WP0147	Long Point	point	3284.15	2870.00	2926.98	3264.52
Wiring for 3 pin, 16 ampere plug point with 4 sq.mm 1.1kV grade, PVC insulated copper conductor cable in PVC casing and capping with providing and fixing 3 pin, switch including earthing the third pin, connections, painting, testing and commissioning etc. as required						
WP0155	Short Point	point	1352.53	1313.37	1381.45	1357.33
WP0156	Medium Point	point	2207.60	2024.08	2056.08	2188.74
WP0157	Long Point	point	3237.48	2885.55	2875.44	3191.03
Wiring for twin light point with 1.5 sq.mm 1.1kV grade, PVC insulated copper conductor cable in PVC casing and capping with 2 way 6 ampere switch including connections, painting, testing and commissioning etc. as required						
WP0175	Short Point	point	883.87	897.49	920.31	938.34
WP0176	Medium Point	point	1503.80	1434.34	1449.07	1561.52
WP0177	Long Point	point	2259.36	2092.97	2098.26	2320.87
Wiring for points in excess length above long points with 1.1kV grade, PVC insulated copper conductor cable in PVC casing and capping including connections, painting, testing and commissioning etc. as required						
WP0186	2x1.5 sq.mm	m	145.01	146.51	146.97	147.33
WP0187	2x4 sq.mm	m	260.77	222.02	210.83	254.21
Wiring for lighting circuit with 1.1kV grade, PVC insulated copper conductor cable in PVC casing & capping including connections, painting, testing & commissioning etc. as required						
WP0196	2x2.5 sq.mm	m	208.37	163.99	156.75	201.58
POINT WIRING FOR HDPE CONDUIT						
Wiring for light, fans, call bell and 2 pin light socket outlet with 1.5 sq.mm 1.1kV grade, PVC insulated copper conductor cable in recessed HDPE pipe including connections, painting, testing and commissioning etc. as required						
WH0300	Short Point	point	1189.59	1255.93	1277.52	1212.91
WH0301	Medium Point	point	1951.14	2092.77	2101.27	1985.50
WH0302	Long Point	point	2747.03	2964.63	2968.45	2796.67

Code	Description	Units	PL	GP	SJ	TH
Wiring for 3 pin, 6 ampere plug point with 2.5 sq.mm 1.1kV grade, PVC insulated copper conductor cable in recessed HDPE pipe with providing and fixing 3 pin, 6 ampere socket outlet and switch including earthing the third pin, connections, painting, testing and commissioning etc. as required						
WH0320	Short Point	point	1542.00	1549.67	1617.92	1517.06
WH0321	Medium Point	point	2515.94	2522.06	2563.44	2478.63
WH0322	Long Point	point	3559.62	3552.05	3572.68	3510.29
Wiring for 5/6 pin, 16 ampere plug point with 4 sq.mm 1.1kV grade, PVC insulated copper conductor cable in recessed HDPE pipe with providing and fixing 5/6 pin, 16 ampere socket outlet and switch including earthing the third pin, connections, painting, testing and commissioning etc. as required						
WH0340	Short Point	point	1776.68	1781.44	1941.19	1826.90
WH0341	Medium Point	point	2847.90	2867.84	2988.98	2886.46
WH0342	Long Point	point	4005.09	4030.85	4117.55	4032.44
Wiring for 3 pin, 16 ampere plug point with 4 sq.mm 1.1kV grade, PVC insulated copper conductor cable in recessed HDPE pipe with providing and fixing 3 pin, 16 ampere socket outlet and switch including earthing the third pin, connections, painting, testing and commissioning etc. as required						
WH0350	Short Point	point	1730.01	1796.99	1889.65	1753.40
WH0351	Medium Point	point	2801.24	2883.39	2937.44	2812.96
WH0352	Long Point	point	3958.43	4046.40	4066.02	3958.94
Wiring for twin light point with 1.5 sq.mm 1.1kV grade, PVC insulated copper conductor cable in recessed HDPE pipe with 2 way 6 ampere switch including connections, painting, testing and commissioning etc. as required						
WH0370	Short Point	point	1254.76	1373.51	1415.82	1344.14
WH0371	Medium Point	point	2090.84	2286.06	2317.74	2195.47
WH0372	Long Point	point	2973.70	3246.23	3276.14	3098.52
Wiring for points in excess length above long points with 1.1kV grade, PVC insulated copper conductor cable in recessed HDPE pipe including connections, painting, testing and commissioning etc. as required						
WH0381	2x1.5 sq.mm	m	231.57	251.72	246.57	234.85
WH0382	2x4 sq.mm	m	309.06	317.33	304.58	306.38
Wiring for lighting circuit with 1.1kV grade, PVC insulated copper conductor cable in recessed HDPE pipe including connections, painting, testing and commissioning etc. as required						
WH0391	2x2.5 sq.mm	m	262.51	265.15	256.35	259.59

Code	Description	Units	PL	GP	SJ	TH
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CHAPTER - 2 - RE-WIRING

Rewiring in PVC/HDPE/ Conduit (Recessed)

Rewiring of light, fans, call bell and 2 pin 6 ampere plug point with 1.5 sq.mm 1.1kV grade, PVC insulated copper conductor cable on existing PVC/HDPE, recessed conduit including dismantling as per site requirement, painting, testing and commissioning etc. as required

WR0125	Short Point	point	275.58	277.28	280.92	281.74
WR0126	Medium Point	point	581.14	585.14	593.76	595.70
WR0127	Long Point	point	921.32	928.02	942.43	945.68

Rewiring for 3 pin,6 ampere plug point with 2.5 sq.mm 1.1kV grade,PVC insulated copper conductor cable on existing PVC/HDPE, recessed conduit including dismantling as per site requirement,painting, testing and commissioning etc. as required

WR0145	Short Point	point	335.06	298.62	294.31	327.72
WR0146	Medium Point	point	740.43	654.30	644.12	723.09
WR0147	Long Point	point	1187.84	1043.72	1026.70	1158.81

Rewiring for twin light point with 1.5 sq.mm 1.1kV grade, PVC insulated copper conductor cable on existing PVC/HDPE, recessed conduit including dismantling as per site requirement,painting,testing and commissioning etc. as required

WR0165	Short Point	point	330.25	332.79	338.25	339.49
WR0166	Medium Point	point	710.35	716.35	729.27	732.18
WR0167	Long Point	point	1137.50	1147.55	1169.16	1174.03

Rewiring for 3/5 pin, 16 ampere 16 ampere plug point with 4 sq.mm 1.1kV grade, PVC insulated copper conductor cable on existing PVC/HDPE, recessed conduit including dismantling as per site requirement, painting, testing and commissioning etc. as required

WR0175	Short Point	point	720.13	633.99	623.82	702.78
WR0176	Medium Point	point	720.13	633.99	623.82	702.78
WR0177	Long Point	point	720.13	633.99	623.82	702.78

Rewiring for points in excess length above long points with 1.1kV grade, PVC insulated copper conductor cable on existing PVC/HDPE, recessed conduit including dismantling as per site requirement, painting, testing and commissioning etc. as required

WR0186	2x1.5 sq.mm	m	94.20	94.98	96.65	97.03
WR0187	2x4 sq.mm	m	162.78	151.69	145.76	159.65

Rewiring for lighting circuit with 1.1kV grade, PVC insulated copper conductor cable on existing PVC/HDPE, recessed conduit including dismantling as per site requirement, painting, testing and commissioning etc. as required

WR0201	2x2.5 sq.mm	m	125.14	108.41	106.43	121.77
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Code	Description	Units	PL	GP	SJ	TH
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Rewiring in PVC/MS/STEEL Conduit (Surface)

Rewiring of light, fans, call bell and 2 pin light socket outlet with 1.5 sq.mm 1.1kV grade, PVC insulated copper conductor cable on existing PVC/MS/Steel surface conduit including dismantling as per site requirement, painting, testing and commissioning etc. as required

WR0355	Short Point	point	257.35	259.05	262.69	263.51
WR0356	Medium Point	point	560.84	564.84	573.45	575.40
WR0357	Long Point	point	950.82	957.52	971.93	975.18

Rewiring for 3 pin, 6 ampere plug point with 2.5 sq.mm 1.1kV grade, PVC insulated copper conductor cable on existing PVC/MS/Steel surface conduit including dismantling as per site requirement, painting, testing and commissioning etc. as required

WR0375	Short Point	point	324.75	288.30	284.00	317.41
WR0376	Medium Point	point	720.13	633.99	623.82	702.78
WR0377	Long Point	point	1217.33	1073.22	1056.20	1188.31

Rewiring for twin light point with 1.5 sq.mm 1.1kV grade, PVC insulated copper conductor cable on existing, PVC/MS/Steel surface

WR0395	Short Point	point	312.02	314.56	320.02	321.26
WR0396	Medium Point	point	690.04	696.05	708.97	711.88
WR0397	Long Point	point	1166.99	1177.04	1198.66	1203.53

Rewiring for 3/5 pin, 16 ampere, 16 ampere plug point with 4 sq.mm 1.1kV grade, PVC insulated copper conductor cable on existing, PVC/MS/Steel surface conduit including dismantling as per site requirement, painting, testing and commissioning etc. as required

WR0405	Short Point	point	396.09	371.92	359.00	389.27
WR0406	Medium Point	point	888.77	831.63	801.10	872.63
WR0407	Long Point	point	1499.48	1403.87	1352.81	1472.48

Rewiring for points in excess length above long points with 1.1kV grade, PVC insulated copper conductor cable on existing, PVC/MS/Steel surface conduit including dismantling as per site requirement, painting, testing and commissioning etc. as required

WR0416	2x1.5 sq.mm	m	94.25	95.02	96.70	97.07
WR0417	2x4 sq.mm	m	160.83	149.74	143.81	157.70

Rewiring for lighting circuit with 1.1kV grade, PVC insulated copper conductor cable on existing, PVC/MS/Steel surface conduit including dismantling as per site requirement, painting, testing and commissioning etc. as required

WR0431	2x2.5 sq.mm	m	125.19	108.46	106.48	121.82
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Rewiring in PVC Casing & Capping (Surface)

Rewiring of light, fans, call bell and 2 pin light socket outlet with 1.5 sq.mm 1.1kV grade, PVC insulated copper conductor cable on existing PVC casing & capping including dismantling as per site requirement, painting, testing and commissioning etc. as required

WR0240	Short Point	point	231.57	233.27	236.91	237.73
WR0241	Medium Point	point	502.90	506.91	515.52	517.46
WR0242	Long Point	point	823.53	830.23	844.64	847.89

Code	Description	Units	PL	GP	SJ	TH
Rewiring for 3 pin, 6 ampere plug point with 2.5 sq.mm 1.1kV grade, PVC insulated copper conductor cable on existing PVC casing & capping including dismantling as per site requirement, painting, testing and commissioning etc. as required						
WR0260	Short Point	point	298.97	262.52	258.22	291.63
WR0261	Medium Point	point	662.20	576.06	565.89	644.85
WR0262	Long Point	point	1090.04	945.93	928.91	1061.02
Rewiring for twin light point with 1.5 sq.mm 1.1kV grade, PVC insulated copper conductor cable on existing PVC casing & capping including dismantling as per site requirement, painting, testing and commissioning etc. as required						
WR0280	Short Point	point	286.24	288.78	294.25	295.48
WR0281	Medium Point	point	632.11	638.12	651.04	653.95
WR0282	Long Point	point	1039.70	1049.75	1071.37	1076.24
Rewiring for 3/5 pin, 16 ampere, 16 ampere plug point with 4 sq.mm 1.1kV grade, PVC insulated copper conductor cable on existing PVC casing & capping including dismantling as per site requirement, painting, testing and commissioning etc. as required						
WR0290	Short Point	point	370.31	346.14	333.22	363.49
WR0291	Medium Point	point	830.83	773.69	743.17	814.70
WR0292	Long Point	point	1372.18	1276.58	1225.51	1345.19
Rewiring for points in excess length above long points with 1.1kV grade, PVC insulated copper conductor cable on existing PVC casing & capping including dismantling as per site requirement, painting, testing and commissioning etc. as required						
WR0301	2x1.5 sq.mm	m	79.92	80.70	82.37	82.75
WR0302	2x4 sq.mm	m	146.94	135.84	129.91	143.81
Rewiring for lighting circuit with 1.1kV grade, PVC insulated copper conductor cable on existing PVC casing & capping including dismantling as per site requirement, painting, testing and commissioning etc. as required						
WR0316	2x2.5 sq.mm	m	110.86	94.13	92.16	107.49
Steel Conduit (Surface)						
Supplying and fixing of Stainless steel conduit on surface including all accessories such as screws, bends, elbows, Tees, corners, etc. complete as required						
CD0134	15mm x 1.6mm	m	284.34	293.05	282.43	292.94
CD0135	20mm x 1.6mm	m	319.97	328.54	327.74	331.06
CD0136	25mm x 1.6mm	m	380.60	393.35	386.71	396.14
CD0137	32mm x 2mm	m	517.53	536.85	414.23	537.44
CD0138	40mm x 2mm	m	789.32	822.30	804.56	827.15
CD0139	50mm x 2mm	m	1069.41	1089.20	1045.40	1114.11
MS Conduit (Surface)						
Supplying and fixing of MS conduit on surface including all accessories such as screws, bends, elbows, Tees, corners, etc. complete as required						
CD0179	15mm x 1.6mm	m	155.94	184.20	180.64	170.76
CD0180	20mm x 1.6mm	m	166.67	196.60	204.13	180.67
CD0181	25mm x 1.6mm	m	201.18	216.87	225.06	222.16
CD0182	32mm x 2mm	m	220.63	239.67	241.75	257.78
CD0183	40mm x 2mm	m	265.04	284.73	290.75	286.50
CD0184	50mm x 2mm	m	277.81	301.23	341.57	319.85

Code	Description	Units	PL	GP	SJ	TH
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MS Conduit (Recesses)

Supplying and fixing of recessed MS conduit including all accessories such as screws, bends, elbows, Tees, corners, etc. complete as required

CD0264	15mm x 1.6mm	m	222.59	250.85	247.29	237.40
CD0265	20mm x 1.6mm	m	233.32	263.25	270.78	247.32
CD0266	25mm x 1.6mm	m	267.82	283.52	291.71	288.81
CD0267	32mm x 2mm	m	284.71	303.74	305.82	321.86
CD0268	40mm x 2mm	m	329.12	348.81	354.83	350.58
CD0269	50mm x 2mm	m	344.46	367.87	408.22	386.50

PVC Conduit (Surface)

Supplying and fixing of PVC conduit on surface including all accessories such as screws, bends, elbows, Tees, corners, etc. complete as required

CD0089	15 mm, 18SWG	m	100.04	113.97	107.69	91.92
CD0090	20 mm, 18SWG	m	107.81	124.36	100.42	98.89
CD0091	25 mm, 16SWG	m	129.26	145.77	117.38	109.20
CD0092	32 mm, 14SWG	m	138.99	156.75	147.72	127.20
CD0093	40 mm, 14SWG	m	175.31	193.04	181.66	173.13
CD0094	50 mm, 14SWG	m	196.69	211.68	201.39	172.52

PVC Casing Capping (Surface)

Supplying and fixing of PVC casing & capping on surface including cup washer, screws, bends, elbows, Tees, corners, etc. complete as required

CD0044	12x12x1.2 mm	m	79.17	79.88	78.68	78.66
CD0045	12x1x1.2mm	m	73.43	79.48	78.68	73.16
CD0046	20x12x1.2mm	m	111.58	83.93	78.68	108.16
CD0047	25x10x1.2mm	m	123.19	96.78	110.95	117.68
CD0048	32x10x1.2mm	m	137.71	103.11	114.90	135.18
CD0049	40x10x1.2mm	m	154.66	155.73	133.40	151.08
CD0050	50x10x1.2mm	m	157.05	143.04	195.00	156.87

HDPE Pipe (recessed)

Supplying and fixing of HDPE pipe on recessed including all accessories such as screws, bends, elbows, Tees, corners, etc. complete as required

CD0219	15 mm	m	165.41	188.05	181.99	168.22
CD0220	20 mm	m	174.35	198.51	193.16	176.07
CD0221	25 mm	m	200.79	214.53	198.16	194.35
CD0222	32 mm	m	206.06	225.11	222.83	219.83
CD0223	40 mm	m	259.32	272.56	266.66	252.88
CD0224	50 mm	m	308.34	321.55	303.37	321.34
CD0225	63mm	m	279.70	403.87	383.99	340.17
CD0226	90mm	m	406.56	437.54	414.14	386.63
CD0227	110mm	m	473.43	507.82	481.04	409.17
CD0228	160mm	m	601.93	565.39	613.25	605.20

Code	Description	Units	PL	GP	SJ	TH
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CHAPTER - 4 - BOXES

PVC Boxes

Supplying & fixing of PVC boxes for switch/socket outlet/switch socket combined/ gang switches on surface including painting etc as required

BX0020	1 Module	each	142.71	137.47	143.55	140.00
BX0021	2 Module	each	148.55	137.40	143.74	141.16
BX0022	3 Module	each	160.99	177.68	175.17	176.16
BX0023	4 Module	each	178.11	181.97	188.95	190.16
BX0024	6 Module	each	198.13	185.29	218.60	204.16
BX0025	8 Module (Linear)	each	243.43	256.74	248.21	251.99
BX0026	8 Module (Square)	each	264.36	272.24	273.93	273.31
BX0027	12 Module	each	300.14	279.14	329.21	303.64
BX0028	18 Module	each	389.90	364.63	457.19	387.18

Metal Boxes

Supplying & fixing of metal boxes for switch/socket outlet/switch socket combined/ gang switches, recessed in walls including painting etc as required

BX0050	1 Module	each	154.38	146.61	171.56	166.44
BX0051	2 Module	each	160.21	146.61	172.03	168.38
BX0052	3 Module	each	218.44	225.44	262.52	214.56
BX0053	4 Module	each	237.11	239.44	270.38	247.60
BX0054	6 Module	each	269.77	266.67	306.27	298.16
BX0055	8 Module (Linear)	each	313.52	321.30	327.16	356.68
BX0056	8 Module (Square)	each	319.24	324.67	360.91	372.41
BX0057	12 Module	each	365.50	376.00	407.56	415.28
BX0058	18 Module	each	402.45	414.11	355.77	421.11

Plates & Frame

Supplying & fixing of plates & frame for switch/socket outlet/switch socket combined/ gang switches, etc as required

PF0011	Plate 1-module with frame	each	93.76	91.43	138.21	93.76
PF0012	Plate 2-module with frame	each	94.54	96.48	157.85	99.59
PF0013	Plate 3-module with frame	each	112.04	108.93	227.95	113.59
PF0014	Plate 4-module with frame	each	133.42	113.98	255.24	114.37
PF0015	Plate 6-module with frame	each	158.70	115.93	263.57	125.64
PF0016	Plate 8-module with frame	each	161.42	125.26	358.65	152.87
PF0017	Plate 12-module with frame	each	169.12	156.76	375.33	170.75
PF0018	Plate 18-module with frame	each	173.20	180.09	451.92	196.42

Code	Description	Units	PL	GP	SJ	TH
CHAPTER - 5 - SWITCHES & SOCKETS						
Switches & Sockets on metal box						
Supplying & fixing of 6A switch on existing metal box with fibre sheet cover (recessed or surface) including necessary cutting, connection testing etc. as required.						
SS0060	6A switch SP 1-way	each	72.00	77.83	58.86	64.62
SS0061	6A switch SP 2-way	each	82.50	139.91	139.82	138.11
SS0062	bell push 6A	each	153.66	134.99	156.64	156.77
Supplying & fixing of socket/regulator on existing metal box with fibre sheet cover (recessed or surface) including necessary cutting, connection testing etc. as required.						
SS0075	Dimmer/regulator	each	353.92	375.30	359.41	377.25
SS0076	RJ 11 telephone socket	each	208.10	140.44	251.72	269.93
SS0077	TV coaxial socket	each	186.72	138.11	163.94	374.92
Supplying & fixing of socket outlet on existing metal box with fibre sheet cover (recessed or surface) including necessary cutting, connection testing etc. as required.						
SS0090	2-pin 6A socket outlet	each	152.89	157.56	139.86	156.77
SS0091	5 pin universal socket outlet	each	211.99	227.55	228.02	245.43
SS0092	16A fuse unit	each	147.90	93.02	102.37	104.28
Supplying & fixing of switch/socket on existing metal box with fibre sheet cover (recessed or surface), including necessary cutting, connection testing etc.						
SS0105	16A switch SP 1 or 2 way	each	143.62	214.32	208.59	211.21
SS0106	5/6 pin, 6/16A socket outlet, shuttered	each	224.04	229.87	256.27	291.70
SS0107	Ceiling Rose, 2 plate (PVC) 6A	each	50.97	50.84	47.83	56.05
Switches & Sockets on PVC surface box						
Supplying & fixing of 6A switch on existing PVC surface box including necessary cutting, connection testing etc. as required.						
SS120	6A switch SP 1-way	each	67.68	73.51	54.54	60.29
SS121	6A switch SP 2-way	each	78.18	135.58	135.50	133.79
SS122	bell push 6A	each	149.34	130.67	152.32	152.45
Supplying & fixing of socket/regulator on existing PVC surface box including necessary cutting, connection testing etc. as required.						
SS0135	Dimmer/regulator	each	349.60	370.98	355.09	372.93
SS0136	RJ 11 telephone socket	each	203.78	136.12	247.40	265.61
SS0137	TV coaxial socket	each	182.40	133.79	159.62	370.60
Supplying & fixing of socket outlet on existing PVC surface box including necessary cutting, connection testing etc. as required.						
SS0150	2-pin 6A socket outlet	each	148.57	153.23	135.54	152.45
SS0151	5 pin universal socket outlet	each	207.66	223.23	223.70	241.11
SS0152	16A fuse unit	each	143.57	88.70	98.05	99.96
Supplying & fixing of switch/socket on existing PVC surface box including necessary cutting, connection testing etc. as required.						
SS0165	16A switch SP 1 or 2 way	each	139.35	210.05	204.32	206.94
SS0166	5/6 pin, 6/16A socket outlet, shuttered	each	219.77	225.60	252.00	287.43
SS0167	Ceiling Rose, 2 plate (PVC) 6A	each	46.70	46.57	43.56	51.78

Code	Description	Units	PL	GP	SJ	TH
Supplying & fixing of socket outlet on existing PVC surface box including necessary cutting, connection testing etc. as required.						
SS0175	3-pin, 6A socket outlet, shuttered	each	193.71	178.94	148.51	182.44
SS0176	5 pin universal socket outlet	each	211.99	227.55	228.02	245.43
SS0177	RJ 45 Compter socket	each	199.55	141.61	263.50	232.60
Supplying & fixing of switch/socket on existing PVC surface box including necessary cutting, connection testing etc. as required.						
SS0185	16A switch SP 1-way	each	124.88	162.60	172.76	163.38
SS0186	16A switch SP 2 way	each	143.62	214.32	208.59	211.21
SS0187	5/6 pin, 6/16A socket outlet, shuttered	each	224.04	229.87	256.27	291.70
 Holders						
Supplying & fixing of holders on surface ceiling rose including necessary cutting,connection testing etc. as required.						
SS0221	Batten holder (heavy duty, brass plunger)	each	69.04	67.98	65.71	66.93
SS0230	Plain pendant holder with alumetic 2 core PVC wire cord gr	each	68.47	66.77	64.13	64.82
SS0231	Plain pendant brass holder (heavy duty with twin twisted fle	each	68.47	66.77	64.13	64.82
SS0232	Angle holder (heavy duty, brass plunger)	each	69.04	67.59	62.95	66.77
Supplying & fixing of prewired call bell 250 volt A.C with base, terminal block and all accessories complete						
SS0250	Musical bell assembly	each	1110.42	1152.04	1121.92	1122.88

Code	Description	Units	PL	GP	SJ	TH
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CHAPTER - 6 - INDOOR LUMINAIRES

General Lighting Luminaires

Supplying & fixing & testing of prewired indoor surface/ceiling mounted luminaires suitable for GLS,CFL & LED lamps, complete with all accessories such as base, holder, glass globe etc. but without lamp

IL0001	Globe dia 150, projection 215mm, finish-painted	each	698.32	744.21	730.16	762.48
IL0002	Globe dia 200, projection 265mm, finish-painted	each	982.50	1044.61	986.56	1044.38
IL0003	Globe dia 250, projection 315mm, finish-painted	each	1124.11	1190.24	1237.83	1222.25

Supplying & fixing & testing of prewired indoor wall mounted wall brackets luminaires suitable for GLS, CFL & LED lamps, complete with all accessories such as base, holder, glass globe, etc etc. but without lamp

IL0080	Double wall bracket upward projection 200mm, height 275mm finish-painted globe 360/400mm dia.. glass milky/ frosted	each	911.20	1023.55	1063.78	1046.33
IL0081	Double wall bracket down lighter projection 160mm, height 135mm width or base dia 320mm finish-painted, glass frosted	each	776.16	852.23	841.41	848.02
IL0082	Single swivel wall bracket down lighter, projection 375mm, height 250mm finish painted with switch,	each	1007.45	1201.22	1253.02	935.51

Supplying & fixing & testing of prewired indoor fluorescent lamp luminaires housing of CRCA sheet steel rail, end with lamp holders, copper wound ballast, starter, starter holder, terminal block etc. but without lamp, LPF suitable for wall and ceiling

IL0158	Strip Rail 36/40 watt	each	900.56	780.22	766.24	950.19
IL0159	Decorative box type 36/40 watt	each	1162.91	1214.41	1224.42	1234.05
IL0160	Mounting channel 36/40 watt	each	973.30	848.08	827.86	1038.23

Surface Luminaire (Light Emitting Diode Source)

Supplying & fixing of prewired indoor surface/ceiling mounted round/square LED luminaires of 3000/4000/6000k, complete with all accessories with necessary testing & commissioning.

IL0300	0.5W	each	550.38	619.85	801.42	574.94
IL0301	3W	each	611.63	668.74	901.97	636.90
IL0302	5W	each	731.98	790.49	921.80	701.41
IL0303	6W	each	871.50	951.87	1001.82	929.13
IL0304	8W	each	941.82	1122.75	1263.11	1058.41
IL0305	12W	each	1202.68	1161.85	1282.94	1182.31
IL0306	15W	each	1133.48	1387.25	1404.30	1251.29
IL0307	16W	each	1258.15	1501.69	1542.83	1354.33
IL0308	18W	each	1550.54	1679.03	1732.42	1626.74
IL0309	22W	each	1548.75	1691.15	2009.34	1639.07
IL0310	36W	each	1554.41	1895.01	1901.06	1657.62
IL0311	42W	each	2011.45	2101.65	2050.67	2143.70

Supplying & fixing of prewired indoor surface/ceiling mounted LED Tube light luminaires of 3000/4000/6000k, complete with all accessories with necessary testing & commissioning.

IL0380	9W	each	575.16	687.46	681.05	699.13
IL0381	18W	each	579.52	717.86	758.44	687.46
IL0382	20W	each	640.80	728.29	672.97	679.68
IL0383	22W	each	749.67	818.35	791.74	809.95
IL0384	36W	each	809.95	860.50	865.30	881.88
IL0385	42W	each	982.21	960.68	930.68	959.65

Code	Description	Units	PL	GP	SJ	TH
Supplying & fixing of prewired indoor surface/ceiling mounted Down light LED luminaires of 3000/4000/6000k, complete with all accessories with necessary testing & commissioning.						
IL0450	5W	each	782.83	843.00	832.11	885.77
IL0451	9W	each	979.10	1080.19	1103.06	1115.19
IL0452	10W	each	1146.30	1248.96	1266.36	1313.50
IL0453	13W	each	1251.29	1369.89	1302.77	1321.28
IL0454	18W	each	1348.50	1455.44	1457.67	1437.94
IL0455	22W	each	2095.09	2261.14	2334.43	2301.18

Supplying & fixing of prewired indoor surface Wall light LED luminaires of 3000/4000/6000k, complete with all accessories with necessary testing & commissioning.

IL0470	0.5W	each	1024.29	1108.47	1102.37	1089.92
IL0471	3W	each	1081.59	1161.04	1142.03	1148.25
IL0472	6W	each	1133.32	1231.12	1261.72	1212.41
IL0473	8W	each	1295.72	1393.08	1384.47	1373.78
IL0474	12W	each	1325.81	1501.69	1504.56	1465.15
IL0475	15W	each	1456.92	1573.71	1535.83	1535.15
IL0476	16W	each	1568.64	1717.75	1633.23	1655.70
IL0477	18W	each	1676.74	1859.48	1830.64	1815.12
IL0478	22W	each	1771.07	1917.20	1881.58	1898.72

Supplying & fixing of prewired indoor surface wall mounted Decorative mirror light LED luminaires of 3000/4000/6000k, complete with all accessories with necessary testing & commissioning.

IL0490	3W	each	679.07	724.97	700.88	706.21
IL0491	5W	each	734.72	787.26	761.07	771.06
IL0492	6W	each	795.02	845.67	821.26	831.33
IL0493	8W	each	966.97	1038.39	1056.65	1021.86
IL0494	10W	each	1027.14	1114.46	1108.40	1097.69

Supplying & fixing of prewired indoor Decorative flexible LED strip light luminaires, complete with all accessories with necessary testing & commissioning.

IL0510	5W (8X2.2 mm)	m	391.03	415.07	335.71	413.32
IL0511	8W (10X3 mm)	m	404.68	421.30	355.75	421.09
IL0512	8w (10X2.2 mm)	m	413.29	432.90	391.86	431.09
IL0513	15W(10x2.2 mm)	m	442.24	464.91	415.73	465.82

Recessed Luminaire (Light Emitting Diode Source)

Supplying & fixing of prewired indoor recessed mounted round/Square LED luminaires of 3000/4000/6000k, complete with all accessories with necessary testing & commissioning & cutting & painting as required.

IL0520	0.5W	each	550.87	645.17	640.69	598.70
IL0521	3W	each	670.83	728.16	717.51	707.44
IL0522	5W	each	686.75	767.29	752.99	724.49
IL0523	6W	each	754.27	835.22	805.11	804.12
IL0524	8W	each	807.74	959.65	1020.96	864.38
IL0525	12W	each	945.75	1037.43	1073.42	1031.76
IL0526	15W	each	1010.11	1153.10	1227.01	1150.18
IL0527	16W	each	1162.58	1251.29	1277.86	1274.62
IL0528	18W	each	1211.63	1329.06	1417.72	1320.77
IL0529	22W	each	1445.72	1741.04	1772.44	1694.58
IL0530	36W	each	1679.03	1875.48	1860.70	1834.56
IL0531	42W	each	1756.79	1908.61	1900.61	1931.77

Code	Description	Units	PL	GP	SJ	TH
Supplying & fixing of prewired indoor recessed ceiling mounted Square sleek panel LED luminaires of 3000/4000/6000k, complete with all accessories with necessary testing & commissioning & cutting & painting as required.						
IL0600	18W (4ftx1ft)	each	2553.94	2829.36	2863.23	2787.50
IL0601	24W (4ftx1ft)	each	2619.54	2936.83	2925.10	2890.49
IL0602	36W (4ftx1ft)	each	3905.42	4361.08	4231.07	4327.50
IL0603	42W (4ftx1ft)	each	4133.33	4539.40	4356.34	4519.34
Supplying & fixing of prewired indoor recessed ceiling mounted Square sleek panel LED luminaires of 3000/4000/6000k, complete with all accessories with necessary testing & commissioning & cutting & painting as required.						
IL0620	18W (2ftx2ft)	each	2670.60	3055.14	2979.37	2996.24
IL0621	24W (2ftx2ft)	each	2725.72	3117.44	3015.21	3087.14
IL0622	36W (2ftx2ft)	each	3059.44	3461.49	3451.83	3417.27
IL0623	42W (2ftx2ft)	each	3140.28	3528.93	3493.59	3495.15
Supplying & fixing of prewired indoor recessed ceiling mounted Down light LED luminaires of 3000/4000/6000k, complete with all accessories with necessary testing & commissioning & cutting & painting as required.						
IL0639	3W	each	799.90	871.27	829.33	847.49
IL0640	5W	each	1007.57	1110.18	1101.67	1086.48
IL0641	9W	each	1174.78	1299.75	1294.00	1258.21
IL0642	10W	each	1212.41	1342.00	1413.68	1317.78
IL0643	13W	each	1329.06	1477.11	1502.47	1457.73
IL0644	18W	each	2009.55	2284.12	2311.45	2250.14
IL0645	30W	each	2866.35	3285.47	3244.39	3207.56

Code	Description	Units	PL	GP	SJ	TH
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CHAPTER - 7 - OUTDOOR LUMINIARES

Surface Luminaire (Light Emitting Diode Source)

Supplying & fixing of prewired outdoor surface/ceiling mounted round/square LED luminaires of 3000/4000/6000k, complete with all accessories with necessary testing & commissioning.

OL0201	3W	each	737.80	675.53	652.80	710.21
OL0202	5W	each	874.59	818.73	871.38	839.61
OL0203	6W	each	1062.17	957.70	1004.82	1000.98
OL0204	8W	each	1120.08	1155.05	1130.73	1144.76
OL0205	12W	each	1294.59	1244.49	1166.25	1253.54
OL0206	15W	each	1379.61	1424.79	1370.68	1414.41
OL0207	16W	each	1539.02	1521.14	1501.12	1535.15
OL0208	18W	each	1554.44	1697.74	1733.78	1656.61
OL0209	22W	each	1706.24	1730.04	1932.12	1733.77
OL0210	36W	each	1922.06	1924.07	1904.56	1938.04
OL0211	42W	each	2087.32	2118.96	2101.70	2155.63

Recessed Luminaire (Light Emitting Diode Source)

Supplying & fixing of prewired outdoor recessed mounted round/square LED luminaires of 3000/4000/6000k, complete with all accessories, cutting and painting as required with necessary testing & commissioning & cutting & painting as required.

OL0270	0.5W	each	633.94	681.14	660.01	662.44
OL0271	3W	each	655.58	694.85	672.12	682.27
OL0272	5W	each	768.39	828.00	812.33	808.70
OL0273	6W	each	895.91	972.22	905.15	958.33
OL0274	8W	each	1064.83	1171.24	1145.22	1145.10
OL0275	12W	each	1139.40	1242.48	1185.57	1206.26
OL0276	15W	each	1310.02	1433.02	1390.01	1399.56
OL0277	16W	each	1391.11	1528.80	1365.79	1491.41
OL0278	18W	each	1558.35	1694.90	1642.87	1663.06
OL0279	22W	each	1573.77	1717.09	1653.37	1684.74
OL0280	36W	each	1756.68	1923.18	1870.15	1869.44
OL0281	42W	each	1962.77	2149.55	2146.67	2100.81

Supplying & fixing of prewired outdoor Decorative flexible LED strip light luminaires, complete with all accessories.

OL0340	5W (8X2.2 mm)	m	185.52	211.47	211.47	196.74
OL0341	8W (10X3 mm)	m	217.66	240.25	231.56	230.57
OL0342	8w (10X2.2 mm)	m	249.92	270.82	255.63	272.57
OL0343	15W(10x2.2 mm)	m	276.54	319.43	321.94	302.78

Supplying, fixing, testing & commissioning of prewired Flood light LED based luminaire with die cast housing and toughened glass cover for out door application IP not less than 45

OL0350	50W	each	2281.74	2760.02	2751.53	2767.80
OL0351	70W	each	3526.06	4040.55	3981.61	3930.47
OL0352	100W	each	4537.08	5669.95	5289.30	5198.11
OL0353	150W	each	6681.94	8010.97	7637.47	7877.44
OL0354	200W	each	8620.00	10039.30	10986.93	10136.52
OL0355	250W	each	11769.69	12158.53	11938.78	12066.30

Supplying & fixing & testing of prewired flood lighting fixtures of metal halide/halogen lamp luminaires housing of cast/spun aluminium reflector, water protected glass cover, base with lamp holder, capacitor/ignitor, copper wound ballast, terminal block etc. but without lamp, suitable for storeyard/large open area/play ground/monuments, etc

OL0115	2x250/400 watt	each	9436.59	10539.75	10153.50	10403.64
OL0116	2x500 watt halogen lamp	each	1717.91	1911.15	1861.81	1852.95
OL0117	1 or 2x1000 watt halogen lamp	each	2707.18	2976.16	2935.79	2896.12

Code	Description	Units	PL	GP	SJ	TH
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Under water Lighting

Supplying, fixing, testing & commissioning of prewired LED based under water luminaire with IP 65 & with depth not less than 0.6 meter under water, complete as required.

OL0360	36W	each	4342.65	4875.32	4713.96	4840.78
OL0361	42W	each	5431.42	6139.16	6072.25	6068.85
OL0362	75W	each	6675.75	7505.68	7422.92	7403.79
OL0363	100W	each	8931.07	10041.55	10006.83	9894.36

Compound Lighting

Supplying, fixing, testing & commissioning of prewired post top lantern lighting of high pressure mercury/sodium vapour self ballasted lamp luminaires housing of cast aluminium 50/60/80mm OD, double conical /elliptical/spherical/similar HDP cover (with lamp holders, copper wound ballast, condenser, terminal block etc. but without lamp, suitable for compound/lawns or outdoor lighting with mercury lamp

OL0070	1x80 watt (BC)	each	3820.63	4358.75	4197.33	4184.47
OL0071	1x125 watt (ES)	each	3895.47	4406.46	4208.58	4303.87
OL0072	1x60 watt (ES)	each	3059.44	3413.22	3389.19	3341.56

Supplying & fixing & testing of prewired post top lantern lighting suitable for LED lamps (3000/4000/6000k) with self ballasted lamp luminaires housing of cast aluminium 50/60/80mm OD, double conical /elliptical/spherical/similar HDP cover (with lamp holders, copper wound ballast, condenser, terminal block etc. but without lamp, suitable for compound/lawns or outdoor lighting

OL0370	60 W (BC/ES)	each	3331.63	3771.74	3714.55	3721.31
OL0371	80 W (BC/ES)	each	3837.15	4337.58	4198.44	4252.50
OL0372	100 W (BC/ES)	each	4925.92	5564.39	5692.39	5520.57
OL0373	125 W (BC/ES)	each	6092.47	7024.77	6921.26	6762.35
OL0374	250 W (ES/ES)	each	7259.02	8227.22	8099.03	8089.27
OL0375	400 W (ES/ES)	each	8347.80	9419.73	9326.97	9300.92

Steel Tubular Poles for compound lighting

Supplying of compound light steel tubular pole 50/60mm outer dia having a base plate 250x250x5.4mm, entry hole of 20mm dia 1.1m from bottom and strude bolt as earth terminal complete as required

OL0390	3m, 4.5mm thick	each	5832.75	6020.55	6316.38	5844.71
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Erection of compound light steel tubular pole 3 m length 50/60mm dia. with 20mm dia MS sleeve as inlet of power cable in cement concrete 1:3:6, 40mm stone aggregate foundation with cement concrete base 0.47mx0.47mx75mm thick 1:4:8 including excavation, centering & shuttering, and refilling, providing props for pole etc. complete as required

OL0400	At dead end	each	9749.16	10342.27	10993.06	10219.56
OL0401	At middle	each	9749.16	10342.27	10993.06	10219.56
OL0402	Junction of three way	each	9749.16	10342.27	10993.06	10219.56

Street Lighting

Supplying, fixing, testing & commissioning of prewired outdoor LED street light luminaires with 3000/4000/6000K, complete with all accessories.

OL0410	70W	each	3487.18	4069.70	3787.42	3934.93
OL0411	100W	each	4204.59	4761.09	4657.74	4674.61
OL0412	150W	each	8270.04	9593.51	9607.99	9363.24
OL0413	200W	each	11614.14	13276.60	13329.38	13115.10
OL0414	250W	each	12391.84	14176.10	13717.84	13997.40

Code	Description	Units	PL	GP	SJ	TH
Supplying, Fixing, testing & commissioning of prewired street lighting of high pressure mercury vapour lamp/ Sodium vapour luminaires housing of CRCA sheet steel comprise of canopy, acrylic cover, control gear housing and 50/60mm outer diameter hole for bracket (with lamp holders, copper wound ballast, condenser, terminal block etc. but without lamp						
OL0040	1x80 watt (BC)	each	4357.64	4865.76	4734.36	4846.95
OL0041	1x125 watt (BC)	each	4460.42	5013.70	5001.94	4961.79
OL0042	1x250 watt (ES)	each	6336.43	7156.72	7347.89	7064.72
OL0043	1x400W (ES)	each	7453.45	8506.29	8721.28	8379.18

Steel Tubular pole

Supplying of Swaged type Street Light Steel Tubular Pole (410 MPa) with base plate 250x250x5.4mm, entry hole of 40mm dia 1.1m from bottom and strude bolt as earth terminal complete as required

OL0420	5.5 m, 141kg	each	10792.28	15074.54	15848.17	11844.41
OL0421	8.5m, 141 kg	each	17614.91	20127.30	19592.03	19446.44
OL0422	9 m, 141kg	each	25275.25	26521.44	25455.68	27917.49
OL0423	11 m, 141kg	each	25586.33	28614.86	28385.43	28219.26

Pole Cap with Arm

Supplying & fixing of pole cap with arm 1.1m long having inner pole & outer tightened bolt etc. complete as required for the top section of street light pole

OL0430	Single arm	each	3668.59	4088.84	4062.29	3712.71
OL0431	Double arm	each	4809.36	5140.05	5094.29	4826.77
OL0432	Triple arm	each	4813.10	5330.29	5261.54	5087.29

Supplying & fixing of junction box fabricated with 14SWG MS sheet, removal cover plate with gasket for dust and vermine proof, 2 earthing terminals with nut, bolts and spring washer, 2 entry holes 16mm dia at bottom, 32mm dia for cable entry at back, including 4 way terminal block & HRC fuse unit with fuse of 6A with locking arrangement and finish coat painting complete with all accessories as required as per standard drawing

OL0435	MS junction box out door duty	each	1665.59	1549.67	1800.29	1840.83
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Erection of swaged type street light steel tubular pole 5.5/8.5/9/11 m length with 40mm dia MS sleeve as inlet of power cable in cement concrete 1:3:6, 40mm stone aggregate foundation with cement concrete base 0.47mx0.47mx75mm thick 1:4:8 including excavation, centering & shuttering, and refilling, providing props for pole etc. complete as required

OL0440	At dead end	each	9749.16	10342.27	10993.06	10219.56
OL0441	At middle	each	9749.16	10342.27	10993.06	10219.56
OL0442	Junction of three way	each	9749.16	10342.27	10993.06	10219.56

Code	Description	Units	PL	GP	SJ	TH
CHAPTER - 8 - LAMPS & LAMP SHADES						
Supplying & fixing of LED Lamp with 3000/4000/6000K						
LS0200	0.5W	each	70.40	89.11	78.27	76.85
LS0201	2W	each	76.71	103.02	92.29	82.55
LS0202	3W	each	82.11	110.80	106.24	89.65
LS0203	5W	each	93.92	160.86	146.25	102.48
LS0204	6W	each	123.43	165.67	148.67	132.80
LS0205	8W	each	152.01	168.57	162.53	164.08
LS0206	9W	each	204.36	163.27	206.44	220.58
LS0207	12W	each	227.69	325.34	315.06	247.22
LS0208	15W	each	243.24	349.83	342.96	261.06
LS0209	18W	each	299.63	367.81	367.18	324.90
LS0210	22W	each	329.18	406.16	389.43	359.89
LS0211	24W	each	352.12	411.48	395.08	387.55
LS0212	36W	each	370.95	433.99	403.15	402.12
LS0213	42W	each	437.67	501.15	483.17	477.06
LS0214	50W	each	486.78	536.86	527.22	529.36
LS0215	70W	each	532.94	604.52	595.48	579.25
LS0216	100W	each	649.59	733.24	2787.39	708.89
LS0217	150W	each	882.90	1015.53	965.42	962.70
LS0218	200W	each	943.17	1071.93	1052.58	1032.61
LS0219	250W	each	1120.10	1446.74	1361.25	1221.20

Supplying & fixing of Compact Fluorescent Lamps (CFLs) 240 volt A.C

LS0255	5W (BC/ES)	each	118.11	162.19	153.02	132.42
LS0256	8 W (BC/ES)	each	130.32	179.23	160.97	146.23
LS0257	12 W (BC/ES)	each	181.95	229.87	220.57	203.45
LS0258	15 W (BC/ES)	each	187.69	259.10	236.48	210.19
LS0259	18W (BC/ES)	each	206.30	237.05	225.34	227.69
LS0260	22W (BC/ES)	each	217.97	251.25	234.09	245.51
LS0261	36W (BC/ES)	each	231.57	261.52	262.67	257.08
LS0262	42W (BC/ES)	each	256.54	294.26	280.17	286.40

Supplying & fixing of Fluorescent tube rod lamp 240 volt A.C

LS0265	TL lamp 18/20 watt	each	55.04	65.62	64.32	60.39
LS0266	TL lamp 36/40 watt	each	59.67	76.23	70.25	63.31
LS0267	TLF lamp 36/40 watt	each	61.61	89.82	75.38	62.73

Code	Description	Units	PL	GP	SJ	TH
CHAPTER - 9 - FANS						
Supplying, installation, testing & commissioning of ceiling fan 240 volt A.C 1400 rpm with all accessories such as down rod, sweep 3 Nos., canopy 2 Nos., condenser and fan body etc. complete as required						
FN0001	900mm sweep	each	2452.67	2586.03	2620.36	2642.04
FN0002	1200mm sweep	each	2705.42	2844.98	2621.14	3108.14
FN0003	1400mm sweep	each	2938.73	3058.81	3050.70	2899.85
Supplying, installation, testing & commissioning of exhaust fan 240 volt A.C 900 rpm with all accessories such as frame with arm 3 Nos., sweep 3 Nos., condenser and fan body etc. complete as required						
Findoor	300mm sweep	each	2374.90	2238.80	2374.90	2320.46
FN0016	380mm sweep	each	2472.11	2496.59	3182.25	2544.05
FN0017	450mm sweep	each	2647.10	3658.28	3921.36	2827.91
Supplying, installation, testing & commissioning of exhaust fan 240 volt A.C 1400 rpm with all accessories such as frame with arm 3 Nos., sweep 3 Nos., condenser and fan body etc. complete as required						
FN0030	300mm sweep	each	2802.63	3220.84	3316.89	3067.05
FN0031	380mm sweep	each	3442.65	3570.35	3553.80	3801.98
FN0032	450mm sweep	each	4327.88	3969.41	5174.43	4921.87
Supplying & fixing of Aluminium louveres for exhaust fan complete all accessories as required						
FN0045	300mm sweep	each	875.76	956.85	882.29	930.92
FN0046	380mm sweep	each	929.76	1013.69	985.57	994.48
FN0047	450mm sweep	each	1150.14	1266.34	1236.80	1245.59

Code	Description	Units	PL	GP	SJ	TH
CHAPTER - 10 - SWITCH GEARS, DBs & BUSBAR						
Miniature Circuit Breaker (MCB)						
Supply & Installation, testing & commissioning of miniature circuit breaker (MCB) single pole, 230 volt A.C complete with all accessories suitable to fix on a din-bar etc. as required						
GB0270	6A	each	242.67	286.79	225.12	268.57
GB0271	10A	each	242.67	282.59	225.91	268.57
GB0272	16A	each	242.67	275.73	225.95	268.57
GB0273	20A	each	242.67	297.11	226.67	268.57
GB0274	25A	each	247.81	313.14	232.48	273.71
GB0275	32A	each	247.81	353.20	260.16	273.71
GB0276	40A	each	310.04	499.40	338.54	446.35
GB0277	63A	each	356.01	593.21	443.23	473.63
Supply & Installation, testing & commissioning of miniature circuit breaker (MCB) SPN, 230 volt A.C complete with all accessories suitable to fix on a din-bar etc. as required						
GB0290	6A	each	651.61	748.67	699.70	721.95
GB0291	10A	each	651.61	748.64	700.80	721.95
GB0292	16A	each	651.61	744.74	701.87	721.95
GB0293	20A	each	651.61	747.94	701.90	721.95
GB0294	25A	each	656.76	753.91	709.19	727.09
GB0295	32A	each	656.76	754.81	710.26	727.09
GB0296	40A	each	1043.02	1178.10	1154.81	1148.48
GB0297	63A	each	1048.16	1194.99	1161.80	1153.63
Supply & Installation, testing & commissioning of miniature circuit breaker (MCB) double pole, 230 volt A.C complete with all accessories suitable to fix on a din-bar etc. as required						
GB0310	6A	each	739.53	378.77	796.30	824.01
GB0311	10A	each	739.53	468.21	796.30	824.01
GB0312	16A	each	915.38	546.37	796.30	824.01
GB0313	20A	each	915.38	550.25	894.87	824.01
GB0314	25A	each	920.53	543.35	939.68	829.15
GB0315	32A	each	930.64	817.49	919.85	829.15
GB0316	40A	each	1140.22	1301.60	1176.29	1260.78
GB0317	50A	each	1199.81	1419.57	1394.24	1333.96
GB0318	63A	each	1514.78	1633.38	1563.11	1755.87
Supply & Installation, testing & commissioning of miniature circuit breaker (MCB) triple pole, 415 volt A.C complete with all accessories suitable to fix on a din-bar etc. as required						
GB0330	6A	each	1110.45	1272.69	1278.23	1222.79
GB0331	10A	each	1110.45	1280.47	1282.48	1222.79
GB0332	16A	each	1110.45	1278.52	1285.29	1222.79
GB0333	20A	each	1110.45	1279.68	1285.97	1222.79
GB0334	25A	each	1115.60	1285.23	1292.29	1227.94
GB0335	32A	each	1115.60	1285.61	1294.15	1227.94
GB0336	40A	each	1683.35	1913.69	1805.32	1848.32
GB0337	50A	each	1683.35	1913.73	1805.32	1848.32
GB0338	63A	each	1688.49	1938.20	1810.46	1853.46
GB0339	80A	each	2195.26	2058.93	2003.78	2421.13
Supply & Installation, testing & commissioning of miniature circuit breaker (MCB) triple pole & neutral, 415 volt A.C complete with all accessories suitable to to fix on a din-bar etc. as required						
GB0350	20A	each	1832.24	1830.35	1889.05	1976.26
GB0351	25A	each	1832.24	1840.25	1890.08	1976.26

Code	Description	Units	PL	GP	SJ	TH
GB0352	32A	each	1870.58	1896.04	1896.25	1981.40
GB0353	40A	each	2273.04	1892.23	2122.36	2195.26
GB0354	50A	each	2397.41	1959.95	2538.56	2250.24
GB0355	63A	each	2514.06	2203.16	2598.25	2280.75
GB0356	80A	each	2673.50	3149.09	3025.75	3120.67

Supply & Installation, testing & commissioning of miniature circuit breaker (MCB) 4 pole & neutral, 415 volt A.C complete with all accessories suitable to to fix on a din-bar etc. as required

GB0365	20A	each	2289.21	1916.43	1890.81	2232.90
GB0366	25A	each	2289.21	1918.45	1897.03	2232.90
GB0367	32A	each	2294.35	1925.25	1899.55	2238.04
GB0368	40A	each	2700.78	2398.15	2306.77	2506.35
GB0369	50A	each	2677.38	2542.49	2364.24	2630.72
GB0370	63A	each	2825.15	2671.47	2584.93	2747.37
GB0371	80A	each	2902.91	3024.92	2859.86	2980.68

Residual Current Circuit Breaker (RCCB)

Supply & Installation, testing & commissioning of residual current circuit breaker (RCCB) double pole, sensitivity 30mA, 230 volt A.C complete with all accessories suitable to to fix on a din-bar etc. as required

GB0425	16A	each	2535.92	2666.44	2687.73	2804.51
GB0426	25A	each	2535.92	2670.42	2771.70	2804.51
GB0427	32A	each	2541.06	3121.87	2938.41	2809.65
GB0428	40A	each	2852.50	3162.05	3214.02	3252.94
GB0429	63A	each	3483.71	3764.86	3807.83	3737.06

Supply & Installation, testing & commissioning of residual current circuit breaker (RCCB) double pole, sensitivity 100mA, 230 volt A.C complete with all accessories suitable to to fix on a din-bar etc. as required

GB0440	16A	each	2488.79	2730.10	3109.22	2890.05
GB0441	25A	each	2948.85	3135.41	3111.13	2890.05
GB0442	32A	each	3066.61	3459.22	3116.28	3284.05
GB0443	40A	each	3391.49	4161.10	3118.49	4491.33
GB0444	63A	each	3750.67	4139.52	4055.43	4022.86

Supply & Installation, testing & commissioning of residual current circuit breaker (RCCB) double pole, sensitivity 300mA, 230 volt A.C complete with all accessories suitable to to fix on a din-bar etc. as required

GB0455	16A	each	2577.79	2925.42	2966.98	2823.23
GB0456	25A	each	2577.79	2929.12	2967.45	2823.23
GB0457	32A	each	2969.44	3379.71	3300.18	3276.94
GB0458	40A	each	2972.97	3477.35	3300.38	3276.94
GB0459	63A	each	3478.47	3968.00	4138.33	3822.06

Supply & Installation, testing & commissioning of residual current circuit breaker (RCCB) 4 pole, sensitivity 30mA, 415 volt A.C complete with all accessories suitable to to fix on a din-bar etc. as required

GB0470	16A	each	3074.45	3618.84	3607.77	3428.82
GB0471	25A	each	3074.45	3653.60	3647.82	3428.82
GB0472	32A	each	3130.97	3719.69	3654.13	3476.29
GB0473	40A	each	3150.40	3747.11	3655.30	3476.29
GB0474	63A	each	3614.57	4243.85	4139.69	3976.68
GB0475	80A	each	3809.81	4440.98	4148.77	4188.53

Code	Description	Units	PL	GP	SJ	TH
Supply & Installation, testing & commissioning of residual current circuit breaker (RCCB) 4 pole, sensitivity 100mA, 415 volt A.C complete with all accessories suitable to to fix on a din-bar etc. as required						
GB0485	16A	each	3551.10	3726.47	3686.03	3652.20
GB0486	25A	each	3628.87	4063.31	3689.10	3652.20
GB0487	32A	each	3828.43	4174.82	3697.90	3657.35
GB0488	40A	each	3906.21	4214.85	3700.31	3657.35
GB0489	63A	each	4042.31	3984.33	4098.14	4240.62
GB0490	80A	each	4147.23	4264.73	4225.03	4400.08
Supply & Installation, testing & commissioning of residual current circuit breaker (RCCB) 4 pole, sensitivity 300mA, 415 volt A.C complete with all accessories suitable to to fix on a din-bar etc. as required						
GB0500	16A	each	3323.99	3840.26	4020.98	3685.51
GB0501	25A	each	3304.56	3844.19	3991.20	3685.51
GB0502	32A	each	3400.71	3901.61	4023.88	3743.46
GB0503	40A	each	3403.17	3921.06	4023.88	3743.46
GB0504	63A	each	3909.32	4455.76	4191.97	4273.93
GB0505	80A	each	3972.25	4581.70	4633.25	4392.21
Moulded Case Circuit Breaker (MCCB)						
Supplying & Installation, testing & commissioning of panel moulded case circuit breaker (MCCB) with electronic release, breaking capacity 16KA, 3 pole 415 volt A.C complete with all accessories etc. as required						
GB0150	63A	each	4225.01	4627.63	4551.25	4808.28
GB0151	100A	each	4448.03	4793.75	4755.61	4739.67
GB0152	125A	each	4642.46	4936.21	5515.38	4895.20
Supplying & Installation, testing & commissioning of panel moulded case circuit breaker (MCCB) with electronic release, breaking capacity 16KA, 4 pole 415 volt A.C complete with all accessories etc. as required						
GB0165	63A	each	5663.75	6286.03	5584.31	6017.60
GB0166	100A	each	5770.12	6187.17	5710.59	6061.75
GB0167	125A	each	6256.18	6453.85	6151.69	6061.75
Supplying & Installation, testing & commissioning of panel moulded case circuit breaker (MCCB) with electronic release, breaking capacity 25KA, 3 pole 415 volt A.C complete with all accessories etc. as required						
GB0180	63A	each	5897.06	5333.39	6142.53	5142.69
GB0181	100A	each	5906.22	5575.56	6944.60	5151.84
GB0182	125A	each	6372.84	7376.48	8530.44	7406.37
Supplying of & Installation, testing & commissioning panel moulded case circuit breaker (MCCB) with electronic release, breaking capacity 25KA, 4 pole 415 volt A.C complete with all accessories etc. as required						
GB0195	63A	each	6596.99	7253.23	7130.65	7203.91
GB0196	100A	each	6722.80	7264.22	7139.81	7213.07
GB0197	125A	each	7843.40	9076.34	8701.43	8978.13
Supplying & Installation, testing & commissioning of panel moulded case circuit breaker (MCCB) with electronic release, breaking capacity 36KA, 3 pole 415 volt A.C complete with all accessories etc. as required						
GB0210	125A	each	7656.04	7831.18	8130.95	7626.79
GB0211	160A	each	9612.59	10942.84	10095.27	10168.29
GB0212	250A	each	22850.62	20770.28	16739.74	19483.55

Code	Description	Units	PL	GP	SJ	TH
Supplying & Installation, testing & commissioning of panel moulded case circuit breaker (MCCB) with electronic release, breaking capacity 36KA, 4 pole 415 volt A.C complete with all accessories etc. as required						
GB0225	125A	each	10572.42	10679.36	10069.21	10263.54
GB0226	160A	each	12684.50	13007.16	11523.32	11963.54
GB0227	250A	each	23822.74	24984.03	22944.70	23747.20

Supplying & Installation, testing & commissioning of panel moulded case circuit breaker (MCCB) with electronic release, breaking capacity 50KA, 4 pole 415 volt A.C complete with all accessories etc. as required

GB0240	250A	each	25767.00	27944.94	26672.86	26625.45
GB0241	400A	each	26959.27	32369.44	31425.82	30918.72
GB0242	630A	each	36548.91	42795.00	40165.92	41814.30
GB0243	800A	each	45232.22	52537.71	50529.71	51608.10

HRC Fuse

Supplying & installation of panel mounting switch disconnecter fuse switch unit 415 volt A.C complete with front drive mechanism with door interlock HRC fuses 3 pole fuse switch unit with HRC fuses and all accessories etc. as required

GB0065	200A	each	8621.05	9591.38	8821.86	9436.90
GB0066	250A	each	9395.13	10502.02	9965.51	10407.32
GB0067	315A	each	12988.46	14848.08	13968.28	14429.85
GB0068	400A	each	22851.85	25545.98	23117.48	25168.41
GB0069	500A	each	27463.98	30933.53	28817.25	30235.29
GB0070	630A	each	30574.79	34431.17	34531.81	33868.81
GB0071	800A	each	32364.21	36631.75	34553.97	36009.20

Timer Switch

Supply & Installation, testing & commissioning of Digital electronic timer switch double pole, 50Hz, sensitivity 30mA, 230 volt A.C complete with all accessories suitable to to fix on a din-bar etc. as required

GB0410	24hrs/24hrs	each	5430.44	3946.00	4455.01	4069.46
GB0411	7days/24hrs	each	4341.66	4326.10	4717.36	4392.21

Supply & Installation, testing & commissioning of Analog timer switch double pole, 50Hz, sensitivity 30mA, 230 volt A.C complete with all accessories suitable to to fix on a din-bar etc. as required

GB0415	24hrs/24hrs	each	2000.21	2228.56	2120.18	2181.92
GB0416	7days/24hrs	each	2298.11	2790.00	2713.80	2557.53

Distribution Board (DB)

Supply & fixing of SPN distribution board (DIN type) without door, 230 volt A.C complete with all accessories without MCB/isolator/RCCB out going or incoming etc. as required

GB0514	2 way	each	431.81	438.37	416.59	465.10
GB0515	4 way	each	507.63	521.30	464.38	546.65
GB0516	6 way	each	1151.47	1031.67	1062.15	1260.41
GB0517	8way	each	1309.36	1086.72	1155.64	1417.02
GB0518	12 way	each	1523.23	1539.94	1333.67	1654.12
GB0519	16 way	each	1859.99	1752.56	2224.50	2014.73

Code	Description	Units	PL	GP	SJ	TH
Supply & fixing of SPN distribution board (DIN type) with metal door, 230 volt A.C complete with all accessories without MCB/isolator/RCCB out going or incoming etc. as required						
GB0520	2 way	each	770.11	450.55	681.55	818.72
GB0521	4 way	each	1275.62	1295.25	1209.02	1489.91
GB0522	6 way	each	1567.26	1373.06	1424.54	1696.00
GB0523	8way	each	1931.52	2728.85	2456.47	1829.68
GB0524	12 way	each	2262.04	2996.97	2652.84	2448.69
GB0525	16 way	each	2613.55	2594.28	2869.22	2685.92
Supply & fixing of SPN distribution board (DIN type) with arcylic door, 230 volt A.C complete with all accessories without MCB/isolator/RCCB out going or incoming etc. as required						
GB0527	4 way	each	1715.13	1555.42	1440.41	1991.53
GB0528	6 way	each	1882.99	2193.63	2275.48	2094.63
GB0529	8way	each	2067.61	2129.78	2242.50	2303.30
GB0530	12 way	each	2482.38	3079.60	2596.74	2781.74
GB0531	16 way	each	3041.29	3124.03	2813.91	3445.93
Supply & fixing of TPN distribution board (DIN type, horizontal/Vertical) without door, 415 volt A.C complete with all accessories without MCB/isolator/RCCB out going or incoming etc. as required						
GB0533	4 way	each	2670.33	2902.17	2972.67	2975.77
GB0534	6 way	each	2701.61	2914.01	2984.50	2995.65
GB0535	8way	each	3365.34	3499.62	3580.38	3770.17
GB0536	12 way	each	4585.88	3825.29	4796.76	5153.16
GB0537	16 way	each	4880.74	4007.46	5369.53	5481.91
Supply & fixing of TPN distribution board (DIN type, horizontal/Vertical) with metal door, 415 volt A.C complete with all accessories without MCB/isolator/RCCB out going or incoming etc. as required						
GB0539	4 way	each	3428.59	3662.11	3818.66	3646.74
GB0540	6 way	each	4295.89	4354.44	4661.48	4497.41
GB0541	8way	each	5329.03	5600.05	5276.24	5397.85
GB0542	12 way	each	8010.98	6514.27	8511.49	8124.19
GB0543	16 way	each	9138.64	8061.29	9305.97	9969.89
Supply & fixing of TPN distribution board (DIN type, horizontal/Vertical) with arcylic door, 415 volt A.C complete with all accessories without MCB/isolator/RCCB out going or incoming etc. as required						
GB0545	4 way	each	4420.16	4828.14	4845.04	4828.60
GB0546	6 way	each	5365.23	5886.91	5846.76	5861.31
GB0547	8way	each	6340.04	7012.50	6858.76	6981.71
GB0548	12 way	each	9741.37	10763.26	11285.74	10740.82
GB0549	16 way	each	11568.95	12805.25	12456.40	12696.77
Busbars & Busbar Chambers						
Supplying, installation, testing & commissioning of pre-fabricated MS busbar chamber with copper busbar complete with all accessories etc. as required						
GB0001	2 strips, 300mm bar, 100A	each	5195.63	6217.10	5803.89	6089.99
GB0002	4 strips, 300mm bar, 100A	each	11246.74	13389.55	12367.27	12879.91
GB0003	4 strips, 300mm bar, 200A	each	13202.96	15648.06	14671.05	15186.09
GB0004	2 strips, 450mm bar, 100A	each	5390.06	6429.97	6066.40	6245.52
GB0005	4 strips, 450mm bar, 100A	each	11285.62	13303.96	13956.24	13035.44
GB0006	4 strips, 450mm bar, 200A	each	13280.72	15770.19	14671.05	15265.88
GB0007	4 strips, 600mm bar, 100A	each	11841.98	13926.67	14084.86	13689.13
GB0008	4 strips, 600mm bar, 200A	each	15586.90	18339.73	17955.04	18320.33
GB0009	4 strips, 600mm bar, 300A	each	22650.22	26774.48	24556.86	26111.05

Code	Description	Units	PL	GP	SJ	TH
Supplying, installation, testing & commissioning of Aluminium alloy/wrought aluminium busbar complete with all accessories etc. to accomodate in prefabricated MS cubical panel board as required						
GB0025	4 strips, 600mm bar, 300A	each	16428.61	15758.30	15093.29	16070.87
GB0026	4 strips, 600mm bar, 400A	each	19227.74	17764.60	17552.75	18450.03
GB0027	4 strips, 600mm bar, 600A	each	21443.58	21374.25	21324.57	21443.58
GB0028	4 strips, 900mm bar, 400A	each	34833.18	41446.83	39342.09	40342.89
GB0029	4 strips, 900mm bar, 600A	each	37683.75	44870.88	41436.89	43497.19
GB0030	4 strips, 900mm bar, 800A	each	41337.74	48798.70	46047.20	47835.33
GB0031	4 strips, 1350mm bar, 400A	each	43476.42	50962.89	49602.54	50281.29
GB0032	4 strips, 1350mm bar, 600A	each	44397.10	52058.97	50452.52	51590.83
GB0033	4 strips, 1350mm bar, 800A	each	50773.04	59807.04	60441.13	59458.40

Code	Description	Units	PL	GP	SJ	TH
CHAPTER - 11 - POWER CABLE						
Power Cable (Armoured), Copper Core						
Supplying of Power Cables (1.1kV) 3- Core Copper-Armoured, PVC insulated & sheathed						
PC0220	2.5 sq.mm	m	305.25	267.56	255.96	289.69
PC0221	4 sq.mm	m	321.97	310.69	290.82	310.35
PC0222	6 sq.mm	m	462.74	439.59	408.39	432.67
PC0223	10 sq.mm	m	631.89	435.12	528.43	697.98
PC0224	16 sq.mm	m	1104.34	785.47	847.71	888.53
PC0225	25 sq.mm	m	1613.72	1138.94	1178.13	1331.82
PC0226	35 sqmm	m	2255.33	1691.50	1712.75	2112.24
PC0227	50 sqmm	m	2488.64	1977.17	1946.64	2156.60
Supplying of Power Cables (1.1kV) 4-Core Copper - Armoured, PVC insulated & sheathed						
PC0330	4 sq.mm	m	451.07	310.82	307.76	394.54
PC0331	6 sq.mm	m	486.07	434.47	412.21	574.02
PC0332	10 sq.mm	m	715.48	795.18	769.38	775.10
PC0333	16 sq.mm	m	816.59	729.34	952.89	781.60
PC0334	25 sq.mm	m	1030.45	1040.39	1562.09	1056.43
PC0335	35 sq.mm	m	2605.29	1380.43	1855.13	2485.92
PC0336	50 sq.mm	m	3246.89	2150.20	2721.35	3651.30
Power Cable (Un-armoured), Copper core						
Supplying of Power Cables (1.1kV) 2- Core Copper-Unarmoured, PVC insulated & sheathed						
PC0340	2.5 sq.mm	m	169.15	164.89	139.21	170.71
PC0341	4 sq.mm	m	184.70	232.24	217.20	217.25
PC0342	6 sq.mm	m	247.31	244.66	268.48	279.81
PC0343	10 sq.mm	m	348.02	277.18	345.30	338.30
PC0344	16 sq.mm	m	437.46	356.18	476.10	447.17
Supplying of Power Cables (1.1kV) 3- Core Copper-Unarmoured, PVC insulated & sheathed						
PC0350	2.5 sq.mm	m	239.14	238.87	249.16	235.02
PC0351	4 sq.mm	m	324.69	328.59	343.40	339.48
PC0352	6 sq.mm	m	536.61	537.67	540.81	548.28
PC0353	10 sq.mm	m	777.70	769.96	759.20	773.81
PC0354	16 sq.mm	m	1155.20	1133.58	1138.68	1170.43
PC0355	25 sq.mm	m	1458.19	1340.69	1334.66	1423.18
Supplying of Power Cables (1.1kV) 4-Core Copper - Unarmoured, PVC insulated & sheathed						
PC0370	4 sq.mm	m	289.91	336.85	399.06	342.85
PC0371	6 sq.mm	m	437.32	438.79	647.94	499.88
PC0372	10 sq.mm	m	697.47	734.42	1025.52	779.24
PC0373	16 sq.mm	m	999.82	1132.00	1104.80	1189.86
PC0374	25 sq.mm	m	1535.96	1772.43	2373.81	1853.74
PC0375	35 sq.mm	m	2205.22	2671.38	3444.27	2694.33
PC0376	50 sq.mm	m	2799.72	3584.00	3884.09	3907.94

Code	Description	Units	PL	GP	SJ	TH
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Power Cable (Armoured), Aluminium core
Supplying of 2- Core 1.1KV grade PVC insulated and sheathed Aluminium conductor armoured power cables

PC0120	2.5 sq.mm	m	76.99	68.83	69.06	89.44
PC0121	4 sq.mm	m	105.42	107.32	87.04	97.21
PC0122	6 sq.mm	m	145.41	146.99	98.54	160.20
PC0123	10 sq.mm	m	148.06	165.65	127.45	181.60
PC0124	16 sq.mm	m	168.57	202.98	151.94	199.48

Supplying of 3.5-Core 1.1KV grade PVC insulated and sheathed Aluminium conductor armoured power cables

PC0150	25 sq.mm	m	288.73	302.77	290.88	310.83
PC0151	35 sq.mm	m	349.97	368.87	355.07	385.05
PC0152	50 sq.mm	m	452.85	470.73	440.69	497.21
PC0153	70 sq.mm	m	604.34	630.88	642.91	667.35
PC0154	95 sq.mm	m	778.16	818.01	813.54	857.08
PC0155	120 sq.mm	m	926.23	985.52	949.63	1064.99
PC0156	150 sq.mm	m	1104.12	1174.32	1164.84	1238.25
PC0157	225 sq.mm	m	1609.68	1673.19	1708.58	1768.54
PC0158	240 sq.mm	m	1810.17	1887.01	1899.84	2002.83
PC0159	300 sq.mm	m	2192.67	2315.05	2337.86	2422.60
PC0160	400 sq.mm	m	2836.03	2968.62	2970.04	3137.94
PC0161	500 sq.mm	m	3236.77	3411.51	3506.78	3456.62
PC0162	630 sq.mm	m	3834.25	4019.36	4091.25	3720.05

Supplying of 4- Core 1.1KV grade PVC insulated and sheathed Aluminium conductor armoured power cables

PC0175	2.5 sq.mm	m	142.12	145.82	157.51	151.39
PC0176	4 sq.mm	m	170.70	149.70	161.41	173.91
PC0177	6 sq.mm	m	199.48	194.43	190.36	199.50
PC0178	10 sq.mm	m	208.52	209.59	257.18	229.43
PC0179	16 sq.mm	m	238.77	256.64	295.42	266.75
PC0180	25 sq.mm	m	304.08	357.75	340.65	352.68
PC0181	35 sq.mm	m	393.69	462.74	434.76	455.34
PC0182	50 sq.mm	m	503.58	575.49	579.71	581.72
PC0183	70 sq.mm	m	697.40	781.59	764.96	826.70
PC0184	95 sq.mm	m	823.97	902.13	969.75	997.73
PC0185	120 sq.mm	m	1049.65	1096.56	1160.65	1123.25
PC0186	150 sq.mm	m	1229.66	1419.31	1611.06	1541.01
PC0187	185 sq.mm	m	1079.26	1612.56	1559.69	1712.67
PC0188	240 sq.mm	m	1830.83	2201.10	2305.98	2407.97
PC0189	300 sq.mm	m	2197.00	2690.85	2901.43	2957.06
PC0190	400 sq.mm	m	2799.72	3383.00	3653.68	3855.02
PC0191	500 sq.mm	m	3732.96	3731.01	4052.29	3868.86
PC0192	600 sq.mm	m	3717.41	4005.26	4787.56	4497.05
PC0193	800 sq.mm	m	2916.38	4118.89	4592.16	4124.92
PC0194	1000 sq.mm	m	3480.20	4310.54	4658.94	4778.97

Power Cable (Un-Armoured), Aluminium core
Supplying of Power Cables (1.1kV) 2- Core Aluminium-Unarmoured, PVC insulated & sheathed

PC0390	2.5 sq.mm	m	78.92	56.78	38.93	66.11
PC0391	4 sq.mm	m	113.94	70.68	57.13	75.04
PC0392	6 sq.mm	m	144.52	89.44	81.58	94.49
PC0393	10 sq.mm	m	173.35	123.77	130.58	152.43
PC0394	16 sq.mm	m	204.24	123.77	128.39	159.43

Code	Description	Units	PL	GP	SJ	TH
Supplying Power Cables (1.1kV) 4-Core Aluminium - Unarmoured, PVC insulated & sheathed						
PC0430	2.5 sq.mm	m	88.75	97.83	91.38	96.44
PC0431	4 sq.mm	m	110.73	114.38	103.63	110.71
PC0432	6 sq.mm	m	117.27	121.68	112.65	126.90
PC0433	10 sq.mm	m	152.44	153.31	144.68	163.22
PC0434	16 sq.mm	m	192.48	195.46	186.30	204.50
PC0435	25 sq.mm	m	285.80	288.50	282.61	309.16
PC0436	35 sq.mm	m	359.68	380.69	362.67	382.48
PC0437	50 sq.mm	m	463.81	466.05	441.56	509.21
PC0438	70 sq.mm	m	632.96	647.00	638.58	722.08
PC0439	95 sq.mm	m	721.31	681.37	654.03	884.26
PC0440	120 sq.mm	m	852.34	853.72	840.33	1058.46
PC0441	150 sq.mm	m	1157.61	1199.63	1170.13	1336.06
PC0442	185 sq.mm	m	1322.09	1351.25	1347.53	1642.48
PC0443	240 sq.mm	m	1555.40	1433.56	1528.53	1769.27
PC0444	300 sq.mm	m	1749.83	1545.55	1596.93	2560.65
PC0445	400 sq.mm	m	2098.82	1631.15	1624.77	2586.19
PC0446	500 sq.mm	m	2474.45	2154.76	2163.70	2620.90
PC0447	630 sq.mm	m	2620.96	2326.77	2298.11	2817.22

Cable termination

Supplying & fixing of Flat type Brass Thimble/lugs 1.1KV

PC0450	20mm dia, 4sq.mm	each	22.99	23.62	24.82	24.40
PC0451	22mm dia, 6sq.mm	each	23.74	24.61	26.81	24.73
PC0452	25mm dia, 10sq.mm	each	25.32	27.26	30.80	26.30
PC0453	27mm dia, 16sq.mm	each	33.59	38.57	38.08	34.64
PC0454	29mm dia, 25sq.mm	each	41.11	51.06	46.08	43.18
PC0455	33mm dia, 35sq.mm	each	45.87	53.71	56.02	45.04
PC0456	35mm dia, 50sq.mm	each	57.94	70.14	62.26	58.13
PC0457	38mm dia, 70sq.mm	each	83.80	105.10	100.09	102.85
PC0458	40mm dia, 95sq.mm	each	107.69	138.42	132.08	131.81
PC0459	45mm dia, 120sq.mm	each	135.50	171.78	162.85	176.13
PC0460	50mm dia, 150sq.mm	each	188.73	244.26	247.86	248.14
PC0461	55mm dia, 185sq.mm	each	252.02	347.79	323.01	330.96
PC0462	60mm dia, 225sq.mm	each	311.49	426.50	442.75	427.76
PC0463	63mm dia, 240sq.mm	each	338.72	478.71	442.75	455.76
PC0464	70mm dia, 300sq.mm	each	455.88	674.12	640.84	646.41
PC0465	78mm dia, 400sq.mm	each	648.46	901.35	860.42	850.27
PC0466	82mm dia, 500sq.mm	each	829.00	1166.30	1118.99	1099.25
PC0467	85mm dia, 630sq.mm	each	1160.97	1636.91	1456.57	1491.49

Supplying & Fixing of Flat type Aluminium Alloy Thimble 1.1KV

PC0470	20mm dia, 4sq.mm	each	22.99	23.62	24.82	24.40
PC0471	22mm dia, 6sq.mm	each	23.74	24.61	26.81	24.73
PC0472	25mm dia, 10sq.mm	each	25.14	37.09	38.26	43.03
PC0473	27mm dia, 16sq.mm	each	25.39	40.80	42.08	47.33
PC0474	29mm dia, 25sq.mm	each	27.93	40.80	42.08	47.33
PC0475	33mm dia, 35sq.mm	each	27.93	40.41	48.06	47.33
PC0476	35mm dia, 50sq.mm	each	36.01	49.35	52.25	51.52
PC0477	38mm dia, 70sq.mm	each	43.53	48.57	52.25	49.19
PC0478	40mm dia, 95sq.mm	each	52.33	51.86	60.36	54.81
PC0479	45mm dia, 120sq.mm	each	55.84	56.87	58.34	59.48
PC0480	50mm dia, 150sq.mm	each	78.55	58.88	68.35	73.16
PC0481	55mm dia, 185sq.mm	each	83.87	156.04	145.22	166.48
PC0482	60mm dia, 225sq.mm	each	103.95	183.08	168.15	169.95
PC0483	63mm dia, 240sq.mm	each	119.36	197.28	176.05	178.12

Code	Description	Units	PL	GP	SJ	TH
PC0484	70mm dia, 300sq.mm	each	177.84	222.15	206.23	204.29
PC0485	78mm dia, 400sq.mm	each	220.72	236.57	267.64	230.45
PC0486	82mm dia, 500sq.mm	each	307.30	274.33	269.32	337.50
PC0487	85mm dia, 630sq.mm	each	384.32	290.53	330.12	420.21

Compression Gland

Supplying & fixing of heavy duty brass single compression gland for 4- Core 1.1KV grade PVC insulated and sheathed Copper/ Aluminium conductor armoured/ un-armoured power cables

PC0235	20mm dia, 4sq.mm	each	97.08	98.34	93.43	102.53
PC0236	22mm dia, 6sq.mm	each	105.98	107.21	104.59	107.88
PC0237	25mm dia, 10sq.mm	each	109.63	111.47	105.39	112.99
PC0238	27mm dia, 16sq.mm	each	134.73	135.95	130.46	136.87
PC0239	29mm dia, 25sq.mm	each	137.16	138.61	132.06	136.87

Supplying & fixing of heavy duty brass single compression gland for 3.5- Core 1.1KV grade PVC insulated and sheathed Copper/ Aluminium conductor armoured/ un-armoured power cables

PC0250	33mm dia, 35sq.mm	each	141.58	142.29	139.22	142.70
PC0251	35mm dia, 50sq.mm	each	188.09	190.01	184.87	191.02
PC0252	38mm dia, 70sq.mm	each	196.11	196.83	186.47	200.13
PC0253	40mm dia, 95sq.mm	each	211.57	214.04	208.79	213.90
PC0254	45mm dia, 120sq.mm	each	277.44	280.66	279.47	279.76
PC0255	50mm dia, 150sq.mm	each	315.54	319.22	304.50	321.05
PC0256	55mm dia, 185sq.mm	each	335.72	339.65	322.71	339.08
PC0257	60mm dia, 225sq.mm	each	438.59	446.46	432.33	444.05
PC0258	63mm dia, 240sq.mm	each	462.01	470.36	467.92	467.59
PC0259	70mm dia, 300sq.mm	each	543.28	553.78	539.17	549.75
PC0260	78mm dia, 400sq.mm	each	855.96	868.42	856.74	861.59
PC0261	82mm dia, 500sq.mm	each	926.21	935.63	916.10	929.05
PC0262	85mm dia, 630sq.mm	each	1062.27	1082.36	1034.82	1071.23

Code	Description	Units	PL	GP	SJ	TH
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CHAPTER - 12 - Power Cable Laying

Laying of one number PVC insulated and sheathed power cable copper/aluminium, armoured/un-armoured 1.1KV single core to four core direct in the ground including excavation, sand cushioning, protective covering and refilling the trenches etc. as required

CL0001	Upto 6sq.mm	m	470.90	496.02	509.22	586.78
CL0002	Above 6sq.mm to 25sq.mm	m	480.68	505.80	519.00	F
CL0003	Above 25sq.mm to 70sq.mm	m	486.55	511.67	524.87	602.42
CL0004	Above 70sq.mm to 150sq.mm	m	492.42	517.54	530.74	608.29
CL0005	Above 150sq.mm to 300sq.mm	m	500.24	525.36	538.56	616.11
CL0006	Above 300sq.mm to 630sq.mm	m	510.02	535.14	548.34	625.89

Extra for laying of one number additional PVC insulated & sheathed power cable copper/aluminium, armoured/un-armoured 1.1KV single core to four core direct in the ground in the same trench in one tier horizontal formation including excavation, sand cushioning, protective covering and refilling the trenches etc. as required

CL0020	Upto 6sq.mm	m	314.47	334.58	335.98	394.70
CL0021	Above 6sq.mm to 25sq.mm	m	324.25	344.36	345.76	404.48
CL0022	Above 25sq.mm to 70sq.mm	m	329.14	349.25	350.64	409.37
CL0023	Above 70sq.mm to 150sq.mm	m	335.01	355.12	356.51	415.24
CL0024	Above 150sq.mm to 300sq.mm	m	342.83	362.95	364.34	423.07

Laying of one number PVC insulated and sheathed power cable copper/aluminium, armoured/un-armoured 1.1KV single core to four core in the existing RCC/Hume/Stone ware/G.I pipes as required

CL0040	Upto 6sq.mm	m	9.78	9.78	9.78	9.78
CL0041	Above 6sq.mm to 25sq.mm	m	12.71	12.71	12.71	12.71
CL0042	Above 25sq.mm to 70sq.mm	m	16.63	16.63	16.63	16.63
CL0043	Above 70sq.mm to 150sq.mm	m	21.52	21.52	21.52	21.52
CL0044	Above 150sq.mm to 300sq.mm	m	27.38	27.38	27.38	27.38
CL0045	Above 300sq.mm to 630sq.mm	m	34.23	34.23	34.23	34.23

Laying of one number PVC insulated and sheathed power cable copper/aluminium, armoured/un-armoured 1.1KV single core to four core in the existing masonry open duct as required

CL0055	Upto 6sq.mm	m	9.78	9.78	9.78	9.78
CL0056	Above 6sq.mm to 25sq.mm	m	12.71	12.71	12.71	12.71
CL0057	Above 25sq.mm to 70sq.mm	m	16.63	16.63	16.63	16.63
CL0058	Above 70sq.mm to 150sq.mm	m	21.52	21.52	21.52	21.52
CL0059	Above 150sq.mm to 300sq.mm	m	27.38	27.38	27.38	27.38
CL0060	Above 300sq.mm to 630sq.mm	m	34.23	34.23	34.23	34.23

Route Marker

Providing and making route marker of size 600x600mm at bottom and 500x500mm at top with a thickness of 100mm including inscription as required

CL0070	With cement concrete 1:2:4, 20mm stone aggregate	each	321.27	328.22	343.26	354.07
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Providing and making route marker of size 150x100x6mm with necessary nuts & bolts 100mm long x 10mm dia with washer embedded

CL0080	With cement concrete 1:2:4, 20mm stone aggregate	each	567.55	631.09	610.98	631.59
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Cable Jointing

Providing and fixing straight through joint box including ferrules and other jointing materials for under ground PVC sheathed cable 1.1KV including making joints & filling with bitumenous compound for the aluminium conductor cable

CL0090	2-Core, 6/10/16sq.mm	each	1268.80	1341.15	1320.30	1314.50
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Bhutan Schedule of Rates (Electrical)-2025

Code	Description	Units	PL	GP	SJ	TH
CL0091	3.5-Core, 25/35/50sq.mm	each	1526.15	1598.50	1577.65	1571.85
CL0092	3.5-Core, 70/95/120sq.mm	each	2040.86	2113.21	2092.36	2086.55
CL0093	3.5-Core, 240/300sq.mm	each	2298.21	2370.56	2349.71	2343.90
CL0094	4-Core, 16/25/35sq.mm	each	1629.10	1701.44	1680.60	1674.79
CL0095	4-Core, 50/70/95sq.mm	each	2143.80	2216.15	2195.30	2189.49
CL0096	4-Core, 120/150/300sq.mm	each	2349.68	2422.03	2401.18	2395.37

Code	Description	Units	PL	GP	SJ	TH
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CHAPTER-13-TELEPHONE WIRES & CABLES

Telephone Wires

Provide and draw high density polythene insulated & sheathed copper conductor 0.5mm dia telephone wire in existing surface/ recessed conduit wiring system complete as required

TC0001	1 pair	m	46.08	40.26	40.16	42.30
TC0002	2 pair	m	54.49	47.81	46.14	50.51
TC0003	4 pair	m	68.05	66.73	65.66	66.67
TC0004	5 pair	m	73.32	70.70	69.24	72.50
TC0005	10 Pair	m	73.32	70.70	69.24	72.50

Telephone Cables

Provide and draw petroleum Jelly filled Telecommunication cables polythene insulated & sheathed copper conductor 0.5mm dia unarmoured in existing surface/ recessed conduit wiring system complete as required

TC0010	20 pair	m	353.31	365.39	370.12	378.91
TC0011	50 pair	m	562.50	556.01	541.40	562.73
TC0012	100 pair	m	1110.55	1102.33	1099.22	1111.07

Provide and draw petroleum Jelly filled Telecommunication cables polythene insulated & sheathed copper conductor 0.5mm dia armoured in existing surface/ recessed conduit wiring system complete as required

TC0020	20 pair	m	372.06	388.34	429.98	404.42
TC0021	50 pair	m	625.66	650.18	660.84	741.52
TC0022	100 pair	m	1123.92	1168.00	1154.90	1335.91

Provide & draw Tv coaxial cable in existing surface/ recessed conduit complete as required

TC0030	RG-6 coaxial cable	m	49.39	50.02	53.37	51.58
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Code	Description	Units	PL	GP	SJ	TH
CHAPTER - 14 - LIGHTNING PROTECTION						
Lightning Conductors						
Providing and fixing lightning conductor including holes etc. complete as required						
LG0001	25mm dia 300mm long copper tube single prong at top with 85mm dia 3mm thick copper base plate	each	3324.73	3784.30	3788.92	3702.11
LG0002	25mm dia 900mm long copper tube four prong at top with 85mm dia 3mm thick copper base plate	each	3684.73	4205.41	4033.43	4102.12
LG0003	25mm dia 300mm long G.I tube single prong at top with 85mm dia 6mm thick copper base plate	each	3324.73	3784.30	3788.92	3702.11
Riveting, sweating and soldering as required						
LG0015	Copper tape with another copper tape	each	122.24	122.24	122.24	122.24
LG0016	G.I tape with another G.I tape	each	122.24	122.24	122.24	122.24
Providing and fixing metal strip on parapet or surface of wall/roof for lightning conductor as required						
LG0030	25x4mm G.I strip	each	72.84	78.46	79.50	78.40
LG0031	25x4mm copper strip	each	201.94	220.00	220.23	223.32

Code	Description	Units	PL	GP	SJ	TH
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CHAPTER - 15 - EARTHING

Earthing & Loop Earthing

Providing and fixing of earthing including all accessories, machinery enclosure, C.I cover plate having locking arrangement, watering pipe with excavation and refilling work including charcoal or coke and salt complete as required as per standard earthing drawing

ET0001	With G.I earth plate 600x600x6mm	each	6675.11	6923.79	7135.57	7143.92
ET0002	With copper earth plate 600x600x3mm	each	14413.23	17189.43	18229.19	15737.51

Providing and laying of metal strip at 0.5m below ground level for as strip earth electrodes including soldering etc as required

ET0075	25x4mm G.I strip	m	61.48	67.10	68.14	67.04
ET0076	25x4mm copper strip	m	190.58	208.64	208.87	211.96
ET0077	25x6mm G.I strip	m	66.15	70.89	69.32	71.78

Providing and laying of wire at 0.5m below ground level for conductor earth electrodes including soldering etc as required

ET0045	With 4.06mm dia (8SWG) G.I wire	m	43.45	42.12	45.99	46.18
ET0046	With 4.06mm dia (8SWG) copper wire	m	310.37	317.02	323.14	324.18
ET0060	With 4.88mm dia (6SWG) G.I wire	m	50.50	46.85	46.22	53.79
ET0061	With 4.88mm dia (6SWG) copper wire	m	144.78	153.60	163.59	160.81

Providing and laying of GEE slab earthing including all accessories, connection and complete as required as per standard earthing drawing

ET0130	GEE slab 5ft x 1ft x 5cm	Each	4226.04	4302.90	4158.67	4246.43
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Code	Description	Units	PL	GP	SJ	TH
CHAPTER - 16 - AIR CONDITIONER						
Air Conditioners						
Providing & fixing Window Type Air Conditioners						
AC0001	1 tonne, window type	each	35550.28	41491.71	46575.00	41570.69
AC0002	1.5 tonne, window ty	each	38777.73	47012.84	52279.04	44850.73
AC0003	2 tonne, window type	each	60436.68	61640.06	63687.13	70826.18
Providing & fixing Split Type Air Conditioners						
AC0015	1 tonne, split type	each	41188.60	41301.17	42266.00	42938.43
AC0016	1.5 tonne, split typ	each	45660.37	46764.25	48169.34	47288.54
AC0017	2 tonne, split type	each	53437.38	60784.51	59976.02	56142.56

Code	Description	Units	PL	GP	SJ	TH
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CHAPTER - 17 - DISMANTLING & DEMOLITION

Electrical Demolition

Dismantling of Electrical wiring including conduits for light, fan, Exhaust fan, call bell, 3 pin 5 ampere plug point, circuit / submain wiring etc and stacking materials within 50m lead including making the surface good

DS0001	short point	point	106.00	106.00	106.00	106.00
DS0002	medium point	point	212.00	212.00	212.00	212.00
DS0003	long point	point	321.36	321.36	321.36	321.36
DS0004	Circuit, submain wiring, general wiring	m	50.89	50.89	50.89	50.89

Dismantling Electrical fittings, boxes, covers, etc all types and stacking materials within 50m lead including making the surface good:

DS0015	Pendent/ recessed/ surface	each	23.66	23.66	23.66	23.66
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SECTION – III

GUIDELINES

GUIDELINE FOR COST INDIES

Bhutan Schedule of Rate (BSR) is a guiding document for projecting/estimating cost of construction. To derive the approximate rate at any location, the BSR rates of the base town shall be enhanced by the cost index.

Cost index (CI) will vary from project to project, based on distance, availability of local materials, road connectivity, etc. Therefore, every mega or complex project shall have unique cost index.

The sample Cost Indices in the BSR are for the purpose of guidance and applicable for similar nature of work at any location. However, engineers are encouraged to calculate cost indices on their own for the complex or any other important project which are not covered by these samples.

Cost index shall not be applicable for any works where only labour is involved such as dismantling & demolishing work and earth work. For such works actual labour requirement shall be worked out and additional amount added for any increase in labour rates.

Any rates calculated adding cost index shall not be used for making payment to contractors or parties. Payment to contractors shall be strictly as per the contract agreement only.

1. Sample Calculation of Cost Index (CI)

Sl.No.	Description	Unit	Cost at base Town	Cost at Project Location	% Increase	Weightage	Cost Index	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	Wires ***	m	16.52	17.07	3.33	5.97	0.28	
2	Control Gears **	each	1522.17	1536.78	0.96	4.65	0.05	
3	Luminaries *	each	292.00	310.63	6.38	37.85	2.49	
4	Conduits^^^	m	68.86	77.46	12.49	14.5	2.00	
5	Switch & Socket^^	each	203.25	271.00	33.33	5.7	2.17	
6	Labour: Average	each	128.75	128.75	0.00	31.33	0.00	

100.00

Cost Index = **6.98** %

*** Average of 1 to 4 sq.mm wires, copper 1.1kv

** Average of DBs & MCBs (commonly used)

* Average on Luminaries (commonly used)

^^ Average of Switch & Socket

^^^ Conduits (specify the type/materials)

1.1. Procedure for calculation of cost Index:

Col.(4) =	Basic rates at base town
Col.(5) =	Rates at the project location
Col.(6) =	$[(\text{col.5}/\text{col.4}) - 1] \times 100$
Col.(7) =	Weightage
Col.(8) =	$\{\text{Col.}(6) \times \text{Col.}(7)\} / 100$

Notes:

a. Basic rates at base town:

- Basic rates of base town should be same for the estimation and cost index calculation.
- Base town reference.

SI No	Base Town	Dzongkhag
1	Phuentsholing (PL)	Chukha, Haa, Paro, Gasa, Punakha, Wangduephodrang and Samtse
2	Gelephu (GP)	Bumthang, Dagana, Tsirang, Trongsa, Sarpang and Zhemgang
3	Samdrupjongkahr (SJ)	Samdrupjongkahr, Pemagatshel, Tashigang, Tashiyangtse, Lhuntse and Mongar
4	Thimphu (TH)	Only Thimphu

b. Collection of Rates.(Rates at the project location)

- Identify the nearest source of materials.
- Collect the current market rates from agencies, production units, suppliers, hiring agents etc. (The rates at project location will include price at the source + transportation charge + handling charges up to construction site store)
- Tender committee should ascertain and approve labour and material rates.

c. Weightage.

- Weightage used in the CI are value weights not quantity weights.
- Weightage of a particular material is the percentage of its cost from the total cost of the BML (basic labour, machineries and materials). Weightage shall remain fixed for the six samples given in BSR.
- In case of complex and mega project where BSR cost index samples are not applicable, the concerned agency may follow the sample given in civil BSR 2021.

Note: *Dzongkhag/Dungkhag could have one cost index for the nearby project or gewog project, however, for the gewog which are far away from Dzongkhag/Dungkhag could have individual cost index.*

GUIDELINE FOR RATE ANALYSIS

Bhutan Schedule of Rates (BSR) is the guiding document for projecting the approximate cost of construction. For estimating costs of the construction works, items' rate in BSR, enhanced with or without cost index can be applied.

For the purpose of payment and filling of tenders, the individual agencies/engineers should analyse the item rate using basic labour, machinery & material coefficients with current market rate. This is because market rates fluctuate frequently and by the time the BSR is published; many rates would have already changed.

1. Procedure for Rate Analysis

1.1. Identify BML code and description

- i. Obtain BML coefficients for the appropriate item code from the LMC Book.
- ii. The BML coefficients should not be changed for the items reflected in the BSR.
- iii. For new materials or items that are not covered in the BSR, refer any other relevant national, regional or international standards/practices/codes.

1.2. Collection of Rates.

- i. Identify the most appropriate source of materials.
- ii. Collect the current market rates from relevant agencies/production units/suppliers/hiring agents etc. (The rates at project location will include price at source + transportation charges + handling charges up to construction site store)
- iii. Tender committee should ascertain and approve the labour and material rates.

1.3. Constants:

- i. A fixed 5% for hand tools & equipment on labour cost, lubrication & corrective maintenance on machinery cost and wastages & unaccounted on materials cost.
- ii. A fixed 1 % for water charges (sanitation, mixing of mortar, drinking, curing, etc.)
- iii. 10% for contractor's profit and overhead charges when rate analysis is carried out by the procuring agencies. For rate analysis submitted by contractors for the tendered work, it can vary up to a maximum of 10%.

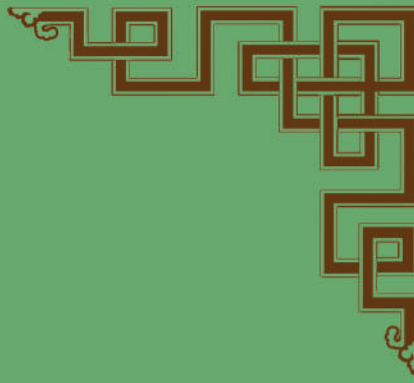
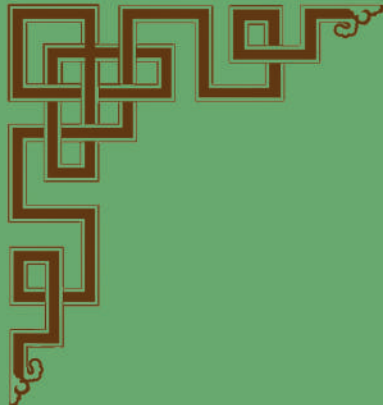
1.4. Total/Item Rate

- i. Rate for the particular item is derived by adding the above constants cumulatively on total of BML rates as given in the example.

Bhutan Schedule of Rates (Electrical) - 2025

2. Rate Analysis Sample

WP0001 - Provide & Draw Single Core 440V grade PVC insulated Aluminium conductor cable in existing PVC Casing Capping - 1x1.5 sq.mm						
	Coefficient for per m					
Code	Description	Quantity	Units			
LB0056	Wireman Gd.1	0.02000	day	275.64	5.51	
LB0069	Wireman Gd.2	0.02000	day	254.29	5.09	
MT4001	PVC insulated single core Aluminium conductor, 440V G - 1.5 sq.mm	1.01000	m	15.99	16.15	
Total (A)					26.75 (A)	
Add 5% on Total A					1.34	
Total (B)					28.09 (B)	
Add 1% on Total B					0.28	
Total (C)					28.37 (C)	
Add 10% on Total C					2.84	
Item Rate per unit		Nu.		31.21		

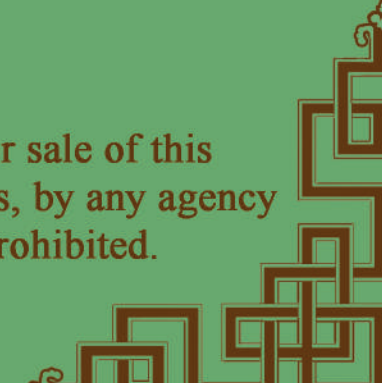
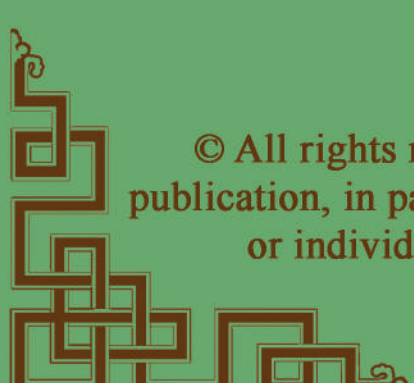


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