

ROYAL GOVERNMENT OF BHUTAN



BHUTAN SCHEDULE OF RATES (Electrical)
2011

MINISTRY OF WORKS & HUMAN SETTLEMENT
DEPARTMENT OF ENGINEERING SERVICES

Schedule of Rates (Electrical) – 2011

Foreword

The Department of Engineering Services of the Ministry of Works and Human Settlement is pleased to publish the “Bhutan Schedule of Rates (BSR) – 2011” for Electrical Works. This is the revised edition of the BSR 2009. Until February 2011, the erstwhile Standards and Quality Control Authority (SQCA) under MoWHS was responsible for publishing the BSR. With the re-naming of SQCA as Bhutan Standards Bureau (BSB) and the subsequent revision of its mandate, the publication of the BSR and its related works fell outside its new mandate. Thus from February 2011, this task was then handed over to the Department of Engineering Services.

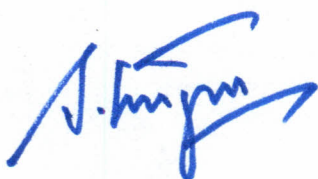
The last Bhutan Schedule of Rates was revised and published in 2009, and since then the price of materials and labour in the market have seen substantial fluctuations/changes over the period.

Until 2009, the publication of BSR was once every two years, but hereafter, we shall try to publish it on an annual basis by publishing it at the beginning of every calendar year. We will continue to improve and refine the BSR in the future so that it benefits all the users and meets the objective of preparing realistic cost estimates of the work.

As there are many different brands of construction material in the market with wide ranges in their price even among the BSB approved brands, it is thus not possible to prepare accurate cost estimates. The BSR is to be used only as a guide and to prepare detail cost estimate of project, individuals will have to collect market prices of the materials and make their own estimates using the approved labour and material coefficients.

Sample cost indices table are given at the back of the BSR to arrive at the actual cost of a particular project at a location other than the base towns.

I hope this Bhutan Schedule of Rates 2011 will prove useful to all the users within Bhutan.



Dr. Sonam Tenzin
Secretary
Ministry of Works and Human Settlement
Thimphu.

Secretary
Ministry of Works & Human Settlement
THIMPHU : BHUTAN

Date: 08/12/2011

Disclaimer

The BSR (both Civil and Electrical) -2011 is prepared and published primarily as a tool to assist in the estimation of project costs. Due to difficulty in obtaining comprehensive and accurate rates from base towns, and the associated complexity in their analysis, the BSR reflects only suggestive averages and not accurate current market rates. Material and labour rates also fluctuate frequently, and by the time of the publication of this book, many rates would have already changed. Hence users are advised to refrain from using the BSR for the purposes of *filling tenders, evaluating tenders, awarding works and/or making contractual payments*. The publisher is in no way accountable or answerable for any issues/disputes arising as a result of individuals or agencies using the rates in the BSR-2011 as a basis for filling their tenders, evaluating tenders, awarding works and/or making contractual payments.

©All rights reserved with DES, MoWHS. Reproduction for sale of this publication, in part(s) or whole, in any form or by any means, by any agency or individual, is a punishable offence and is strictly prohibited.

Preface

1. Bhutan Schedule of Rates (Electrical) - 2011 is the revised edition of Bhutan Schedule of Rates (Electrical) - 2009.
2. The rates shown for all built-up items are for up to 10 km radius and is inclusive of
 - 5% for inherent wastages of materials occurring in the works, and miscellaneous material and labour.
 - 10% for overhead charges
 - 1% for tools and plants
2. The built-up items are based on the Labour and Material Coefficients- 2011” with the applicable percentages as mention above.
3. The following are the salient features of the BSR- 2011:
 - a. Concealed/recessed wiring using PVC conduit is replaced by concealed/recessed wiring using HDPE pipe. PVC accessories are however retained.
 - b. Distinction of labour into male and female has been discontinued.
 - c. For approved materials/products where there is a vast difference in quality and price, they have been accordingly grouped into two categories, Category A and Category B. However, wherever there is categorization, the built-up item rates given are for Category A materials. For using Category B materials, rates have to be analyzed using Category B material rates from the BSR-2011 and the relevant coefficients from Labour and Material Coefficients - 2011.
 - d. Depending on the budget and requirement of the client, materials from either category can be used.
 - e. Labour and material coefficients shall remain the same for materials of both the categories.
 - f. For the Trunking Cable Management System of wiring, the comprehensive built-up rates are not incorporated due to unavailability of Labour & Material Co-efficient.
4. The BSR- 2011 is designed primarily as a tool for estimation of project costs fairly accurately and it is not for making payment to contractors unless specifically mentioned in the contract document. It is also not meant for absolute use while filling up tenders.
5. This Schedule shall be read along with “Specifications for Electrification Works- 2009” and Labour and Material Coefficients- 2011”.
6. List of approved brands, as applicable at the time of publication of BSR - 2011, is provided. However, please note that this list is reviewed from time to time. The latest list is available on www.bsb.gov.bt
7. Generally, the basic rates of materials, incorporated in this Schedule pertain to average rates of the most available brands.

Schedule of Rates (Electrical) – 2011

8. Hire charges for plants and machinery are based on the built- up rates provided by the Construction Development Corporation Limited, Thimphu.
9. Sample Calculation of cost indices has been detailed and provided at the last page of BSR.
10. Material Rates used in BSR-2011 are collected during the period June-September 2011. Users are suggested to update rates accordingly with the prevailing market rates.
11. BSR contains only the commonly used items, the new items may be workout and analyzed by the engineers as may be relevant.

CONTENTS

I Basic Rates

Chapter	Description	Page
1	Labour	1
2	Electrical materials :	
	-Cables	3
	-Thimble	9
	-Compression Gland	10
	-Route Marker	10
	-Conduits	11
	-HDPE Pipes	11
	-PVC Casing-Capping	12
	-Busbars & Busbar Chambers	13
	-SFU/FSU & HRC Fuses	14
	-Earth Leakage Modules	14
	-MCBs	14
	-Isolators	16
	-RCCBs	17
	-DBs	18
	-Earth Plug & Socket	20
	-Lightning Finial	20
	-MCCBs	21
	-Luminaries (Surface / Ceiling)	22
	-Switches & Sockets	23
	-Indoor Luminaries	25
	-Outdoor Luminaries	25
	-Lamps & Lamp Shade	27
	-Fans	28
	-Street / Compound Lighting Pole	28
	-Earthing Materials	29
3	Air Conditioners	30
4	Civil Items	31
5	Trunking Cable Management System	32

CONTENTS**II Built-up Item Rates**

Chapter	Description	Page
1	PVC Casing-Capping Wiring	37
2	Trunking Cable Management Wiring	40
3	MS Conduit Wiring	41
4	PVC Conduit Wiring	45
5	Stainless Steel Conduit Wiring	50
6	Re-Wiring	53
7	Conduiting/Laying Casing & Capping	57
8	Boxes	61
9	Switches & Sockets	62
10	Indoor Luminaires (Supply)	64
11	Outdoor Luminaires (Supply)	67
12	Lamps & Shades	69
13	Fans	70
14	Control Gear & Busbars (Supply)	71
15	Erection / Installation	77
16	Earthing	83
17	Lightning Protection	84
18	Power Cable (Supply)	85
19	Laying of Power Cable	88
20	Control Cable	90
21	Poles & Accessories	92
22	Telephone Wires & Cables	93
23	Air Conditioners	94
24	Dismantling & Demolition	95
25	Civil Works	96
26	Cost Index - Sample Calculation	98
27	List of Approved Electrical material Brands	99

BASIC RATES:-

- LABOUR

- MATERIALS

Code	Description	Units	PL	GP	SJ
BASIC RATES - LABOUR					
Bhutanese National Labour					
LB0001	Category 1	day	240.00	240.00	240.00
LB0002	Category 2	day	220.00	220.00	220.00
LB0003	Category 3	day	195.00	195.00	195.00
LB0004	Category 4	day	180.00	180.00	180.00
LB0005	Category 5 (Male)	day	165.00	165.00	165.00
LB0006	Category 5 (Female)	day	165.00	165.00	165.00
Statutory-On-Cost Allowances					
LB0010	Workers Compensation premium	year	360.00	360.00	360.00
LB0011	Temporary site accommodation	year	660.00	660.00	660.00
LB0012	Transportation to-&-from site	year	400.00	400.00	400.00
LB0013	Dependency allowance	year	180.00	180.00	180.00
LB0014	Leading-hand allowance	day	10.00	10.00	10.00
LB0015	Recruitment agency fee	year	50.00	50.00	50.00
LB0016	Incentive payment	year	450.00	450.00	450.00
Built-up Trade Rates					
Category 1					
LB0020	Auto-Mechanic Gd.1	day	259.60	259.60	259.60
LB0021	Carpenter Gd.1	day	259.60	259.60	259.60
LB0022	General Mechanic Gd.1	day	259.60	259.60	259.60
LB0023	Lharib	day	259.60	259.60	259.60
LB0024	Lineman Gd.1	day	259.60	259.60	259.60
LB0025	Plant Operator Gd.1	day	259.60	259.60	259.60
Category 2					
LB0030	Auto-Electrician Gd.1	day	238.32	238.32	238.32
LB0031	Auto-Mechanic Gd.2	day	238.32	238.32	238.32
LB0032	Blacksmith (metal-worker)	day	238.32	238.32	238.32
LB0033	Carpenter Gd.2	day	238.32	238.32	238.32
LB0034	General Mechanic Gd.2	day	238.32	238.32	238.32
LB0035	Lineman Gd.2	day	238.32	238.32	238.32
LB0036	Mason Gd.1	day	238.32	238.32	238.32
LB0037	Plant Operator Gd.2	day	238.32	238.32	238.32
LB0038	Plumber Gd.1	day	238.32	238.32	238.32
LB0039	Work Supervisor (Lajab)	day	238.32	238.32	238.32
Category 3					
LB0045	Auto-Electrician Gd.2	day	211.61	211.61	211.61
LB0046	Auto-Mechanic Gd.3	day	211.61	211.61	211.61
LB0047	Blaster	day	211.61	211.61	211.61
LB0048	Carpenter Gd.3	day	211.61	211.61	211.61
LB0049	General Mechanic Gd.3	day	211.61	211.61	211.61
LB0050	Lineman Gd.3	day	211.61	211.61	211.61
LB0051	Mason Gd.2	day	211.61	211.61	211.61
LB0052	Painter Gd.1	day	211.61	211.61	211.61
LB0053	Plant Operator Gd.3	day	211.61	211.61	211.61
LB0054	Plumber Gd.2	day	211.61	211.61	211.61
LB0055	Sawyer Gd.1	day	211.61	211.61	211.61
LB0056	Wireman Gd.1	day	211.61	211.61	211.61

Code	Description	Units	PL	GP	SJ
Category 4					
LB0065	Cleaner	day	195.60	195.60	195.60
LB0066	Machine Operator	day	195.60	195.60	195.60
LB0067	Painter Gd.2	day	195.60	195.60	195.60
LB0068	Sawyer Gd.2	day	195.60	195.60	195.60
LB0069	Wireman Gd.2	day	195.60	195.60	195.60
Category 5					
LB0075	Labourer (Male)	day	178.76	178.76	178.76
LB0076	Labourer (Female)	day	178.76	178.76	178.76
Labour (Market Rate)					
LB0077	Labour	day	178.76	178.76	178.76

Note: The above rates are calculated to comply with the Ministry of labour and Human Resources Wage Regulations, revised from 15 July 2011

Code	Description	Units	PL	GP	SJ
ELECTRICAL MATERIALS					
Cables					
PVC insulated single core Aluminium conductor, 440V G					
MT4001	1.5 sq.mm	m	1.88	1.90	2.93
MT4002	2.5 sq.mm	m	2.90	3.73	4.62
MT4003	4 sq.mm	m	4.91	5.48	5.56
MT4004	6 sq.mm	m	6.25	6.53	7.37
MT4005	10 sq.mm	m	9.97	9.89	10.06
MT4006	16 sq.mm	m	14.85	15.26	15.29
MT4007	25 sq.mm	m	23.89	24.35	26.49
MT4008	35 sq.mm	m	42.00	43.22	43.32
MT4009	50 sq.mm	m	48.59	48.91	49.75
MT4010	70 sq.mm	m	67.27	69.77	69.81
PVC insulated & sheathed single core Aluminium conductor, 440V G					
MT4020	1.5 sq.mm	m	4.01	4.40	4.76
MT4021	2.5 sq.mm	m	5.03	6.15	6.69
MT4022	4 sq.mm	m	6.38	6.64	6.70
MT4023	6 sq.mm	m	7.88	8.01	8.28
MT4024	10 sq.mm	m	10.23	10.38	10.55
MT4025	16 sq.mm	m	15.26	15.39	15.47
MT4026	25 sq.mm	m	20.85	21.78	22.61
MT4027	35 sq.mm	m	25.32	25.40	26.37
MT4028	50 sq.mm	m	35.77	36.90	36.94
MT4029	70 sq.mm	m	65.60	66.59	67.88
Flat PVC insulated & sheathed 440 Volt 2-Core Aluminium conductor					
MT4040	1.5 sq.mm	m	5.05	5.21	5.95
MT4041	2.5 sq.mm	m	6.82	6.86	6.87
MT4042	4 sq.mm	m	11.14	11.44	11.81
MT4043	6 sq.mm	m	15.18	16.31	16.77
PVC insulated single core Aluminium conductor cable 1.1KV					
MT4055	35 sq.mm	m	75.00	76.85	77.36
MT4056	185 sq.mm	m	202.88	203.06	203.54
MT4057	300 sq.mm	m	366.24	366.31	366.76
MT4058	600 sq.mm	m	606.22	609.71	611.05
MT4059	800 sq.mm	m	794.55	794.71	795.07
PVC insulated Single Core Copper conductor (1.1KV)					
MT4070	1 sq.mm	m	9.26	9.34	9.58
MT4071	1.5 sq.mm	m	15.78	15.96	16.15
MT4072	2 sq.mm	m	20.60	21.40	21.90
MT4073	2.5 sq.mm	m	27.30	27.41	28.05
MT4074	4 sq.mm	m	37.28	37.68	37.77
MT4075	6 sq.mm	m	53.46	54.08	54.73
MT4076	10 sq.mm	m	97.96	98.55	98.73
MT4077	16 sq.mm	m	139.57	140.18	140.30
MT4078	25 sq.mm	m	241.87	243.67	244.83
MT4079	35 sq.mm	m	323.52	324.29	324.49
MT4080	50 sq.mm	m	426.41	426.67	426.78
MT4081	70 sq.mm	m	504.00	504.19	504.26
MT4082	150 sq.mm	m	1226.13	1226.17	1226.60
Flat PVC insulated & sheathed 440 Volt 2-Core Copper conductor					
MT4095	1.5 sq.mm	m	30.99	31.71	31.72
MT4096	2.5 sq.mm	m	50.76	52.11	52.43
MT4097	4 sq.mm	m	67.15	67.61	68.25
MT4098	6 sq.mm	m	84.35	84.48	85.09

Code	Description	Units	PL	GP	SJ
Power Cables (1.1kV) Single Core Aluminium-Armoured, PVC insulated & sheathed					
MT4110	150 sq.mm	m	322.77	325.38	329.63
MT4111	185 sq.mm	m	391.33	387.53	387.93
MT4112	240 sq.mm	m	487.00	496.09	497.27
MT4113	300 sq.mm	m	586.80	591.19	597.39
MT4114	400 sq.mm	m	740.59	746.95	749.52
MT4115	500 sq.mm	m	922.15	929.05	933.48
Power Cables (1.1kV) 2- Core Aluminium-Armoured, PVC insulated & sheathed					
MT4125	2.5 sq.mm	m	76.10	76.14	76.79
MT4126	4 sq.mm	m	106.10	106.36	107.23
MT4127	6 sq.mm	m	130.65	155.28	159.15
MT4128	10 sq.mm	m	143.69	195.34	199.20
MT4129	16 sq.mm	m	168.47	218.40	222.51
Power Cables (1.1kV) 3- Core Aluminium-Armoured, PVC insulated & sheathed					
MT4140	2.5 sq.mm	m	82.82	83.67	84.35
MT4141	4 sq.mm	m	115.48	116.20	119.31
MT4142	6 sq.mm	m	149.00	217.39	221.50
MT4143	10 sq.mm	m	166.91	239.47	243.82
MT4144	16 sq.mm	m	182.63	283.58	288.41
MT4145	25 sq.mm	m	223.14	224.37	226.21
Power Cables (1.1kV) 3.5-Core Aluminium - Armoured, PVC insulated & sheathed					
MT4155	25 sq.mm	m	269.36	332.54	340.77
MT4156	35 sq.mm	m	311.35	381.04	390.33
MT4157	50 sq.mm	m	421.17	481.29	493.19
MT4158	70 sq.mm	m	541.53	541.71	544.66
MT4159	95 sq.mm	m	664.41	665.91	671.36
MT4160	120 sq.mm	m	838.63	839.98	846.85
MT4161	150 sq.mm	m	970.41	972.95	980.92
MT4162	185 sq.mm	m	1202.55	1205.83	1215.69
MT4163	225 sq.mm	m	1370.95	1371.32	1385.58
MT4164	240 sq.mm	m	1540.60	1542.83	1555.45
MT4165	300 sq.mm	m	1893.36	1898.94	1904.40
MT4166	400 sq.mm	m	2352.63	2376.32	2395.78
MT4167	500 sq.mm	m	2992.35	2994.67	3019.18
MT4168	630 sq.mm	m	3818.62	3832.92	3864.30
Power Cables (1.1kV) 4-Core Aluminium - Armoured, PVC insulated & sheathed					
MT4180	2.5 sq.mm	m	94.91	95.69	96.47
MT4181	4 sq.mm	m	138.50	139.29	140.43
MT4182	6 sq.mm	m	166.00	195.99	200.84
MT4183	10 sq.mm	m	199.38	211.02	211.73
MT4184	16 sq.mm	m	217.33	282.78	289.33
MT4185	25 sq.mm	m	279.30	288.76	281.88
MT4186	35 sq.mm	m	347.45	351.45	350.12
MT4187	50 sq.mm	m	454.88	477.29	458.31
MT4188	70 sq.mm	m	596.83	624.41	603.72
MT4189	95 sq.mm	m	754.86	781.31	752.68
MT4190	120 sq.mm	m	925.98	929.60	916.64
MT4191	150 sq.mm	m	1099.72	1100.12	1135.74
MT4192	225 sq.mm	m	1463.93	1511.94	1515.28
MT4193	240 sq.mm	m	1727.73	1767.50	1853.58
MT4194	300 sq.mm	m	2140.70	2153.45	2156.56
MT4195	400 sq.mm	m	2725.71	2729.74	2730.41
MT4196	500 sq.mm	m	3470.51	3475.87	3577.67
MT4197	630 sq.mm	m	4476.56	4480.99	4558.92

Code	Description	Units	PL	GP	SJ
Power Cables (1.1kV) Single Core Aluminium-Unarmoured, PVC insulated & sheathed					
MT4210	150 sq.mm	m	247.20	247.84	248.72
MT4211	185 sq.mm	m	309.15	309.78	310.58
MT4212	240 sq.mm	m	394.64	397.11	401.59
MT4213	300 sq.mm	m	486.69	488.19	499.55
MT4214	400 sq.mm	m	636.03	655.18	678.08
MT4215	500 sq.mm	m	803.46	820.41	836.86
Power Cables (1.1kV) 2- Core Aluminium-Unarmoured, PVC insulated & sheathed					
MT4230	2.5 sq.mm	m	34.60	34.78	35.13
MT4231	4 sq.mm	m	54.22	54.73	55.28
MT4232	6 sq.mm	m	65.22	65.72	65.69
MT4233	10 sq.mm	m	84.09	84.38	85.08
MT4234	16 sq.mm	m	106.03	108.13	110.78
Power Cables (1.1kV) 3- Core Aluminium-Unarmoured, PVC insulated & sheathed					
MT4245	2.5 sq.mm	m	39.84	39.87	40.20
MT4246	4 sq.mm	m	66.08	66.22	66.77
MT4247	6 sq.mm	m	83.63	83.92	84.25
MT4248	10 sq.mm	m	132.97	135.80	139.37
MT4249	16 sq.mm	m	152.00	223.21	228.52
MT4250	25 sq.mm	m	169.64	170.00	170.42
Power Cables (1.1kV) 3.5-Core Aluminium - Unarmoured, HD, PVC insulated & sheathed					
MT4260	25 sq.mm	m	203.96	204.04	205.90
MT4261	35 sq.mm	m	246.21	247.48	248.91
MT4262	50 sq.mm	m	329.23	331.15	334.62
MT4263	70 sq.mm	m	448.98	452.18	456.78
MT4264	95 sq.mm	m	566.80	572.62	576.37
MT4265	120 sq.mm	m	711.75	718.53	724.41
MT4266	150 sq.mm	m	846.14	854.76	861.75
MT4267	185 sq.mm	m	1072.76	1075.98	1084.79
MT4268	225 sq.mm	m	1300.00	1143.15	1248.29
MT4269	240 sq.mm	m	1405.86	1445.11	1465.90
MT4270	300 sq.mm	m	1737.17	1793.16	1804.90
MT4271	400 sq.mm	m	2210.88	2268.44	2274.12
MT4272	500 sq.mm	m	2859.86	2990.06	3041.06
MT4273	630 sq.mm	m	3800.30	3820.89	3888.21
Power Cables (1.1kV) 4-Core Aluminium - Unarmoured, PVC insulated & sheathed					
MT4285	2.5 sq.mm	m	46.88	47.57	48.68
MT4286	4 sq.mm	m	84.53	85.36	86.14
MT4287	6 sq.mm	m	100.54	101.45	101.61
MT4288	10 sq.mm	m	128.16	129.77	130.08
MT4289	16 sq.mm	m	186.53	189.81	190.70
MT4290	25 sq.mm	m	219.44	222.62	225.27
MT4291	35 sq.mm	m	286.24	294.41	299.92
MT4292	50 sq.mm	m	376.14	376.48	376.98
MT4293	70 sq.mm	m	521.38	526.97	529.02
MT4294	95 sq.mm	m	674.48	697.02	698.95
MT4295	120 sq.mm	m	841.62	854.87	864.41
MT4296	150 sq.mm	m	1025.68	1144.84	1062.93
MT4297	225 sq.mm	m	1280.62	1284.15	1294.66
MT4298	240 sq.mm	m	1680.77	1693.47	1699.24
MT4299	300 sq.mm	m	2075.18	2086.17	2099.85
MT4300	400 sq.mm	m	2622.38	2631.74	2640.53
MT4301	500 sq.mm	m	3360.90	3370.52	3386.67
MT4302	630 sq.mm	m	4231.72	4272.71	4288.11

Code	Description	Units	PL	GP	SJ
Power Cables (1.1kV) 2- Core Copper-Armoured, PVC insulated & sheathed					
MT4315	2.5 sq.mm	m	94.47	94.82	95.58
MT4316	4 sq.mm	m	145.92	147.82	149.01
MT4317	6 sq.mm	m	248.43	249.07	249.46
MT4318	10 sq.mm	m	379.31	386.89	388.72
MT4319	16 sq.mm	m	507.70	507.93	511.74
Power Cables (1.1kV) 3- Core Copper-Armoured, PVC insulated & sheathed					
MT4330	2.5 sq.mm	m	122.93	126.41	127.37
MT4331	4 sq.mm	m	235.31	241.64	242.38
MT4332	6 sq.mm	m	329.48	331.14	341.94
MT4333	10 sq.mm	m	518.68	520.13	523.47
MT4334	16 sq.mm	m	689.51	692.42	692.88
MT4335	25 sq.mm	m	1114.60	1116.36	1120.74
Power Cables (1.1kV) 3.5-Core Copper - Armoured, PVC insulated & sheathed					
MT4345	25 sq.mm	m	1335.32	1341.69	1363.74
MT4346	35 sq.mm	m	1733.41	1740.90	1743.05
MT4347	50 sq.mm	m	2452.66	2453.03	2453.42
Power Cables (1.1kV) 4-Core Copper - Armoured, PVC insulated & sheathed					
MT4360	4 sq.mm	m	308.47	315.13	320.68
MT4361	6 sq.mm	m	424.08	425.97	432.68
MT4362	10 sq.mm	m	644.66	645.98	651.30
MT4363	16 sq.mm	m	916.67	918.21	921.37
MT4364	25 sq.mm	m	1469.36	1462.10	1464.72
MT4365	35 sq.mm	m	1999.51	2003.03	2007.25
MT4366	50 sq.mm	m	2791.29	2794.53	2795.98
Power Cables (1.1kV) 2- Core Copper-Unarmoured, PVC insulated & sheathed					
MT4380	2.5 sq.mm	m	73.06	74.13	74.72
MT4381	4 sq.mm	m	145.18	154.66	155.92
MT4382	6 sq.mm	m	202.16	253.67	255.74
MT4383	10 sq.mm	m	326.73	381.99	385.13
MT4384	16 sq.mm	m	412.22	416.99	420.13
Power Cables (1.1kV) 3- Core Copper-Unarmoured, PVC insulated & sheathed					
MT4395	2.5 sq.mm	m	157.10	159.22	161.70
MT4396	4 sq.mm	m	222.18	222.19	222.50
MT4397	6 sq.mm	m	334.56	336.35	345.56
MT4398	10 sq.mm	m	440.57	440.76	441.51
MT4399	16 sq.mm	m	581.09	587.39	591.83
MT4400	25 sq.mm	m	639.41	640.02	645.26
Power Cables (1.1kV) 3.5-Core Copper - Unarmoured, PVC insulated & sheathed					
MT4410	25 sq.mm	m	1030.07	1039.88	1048.38
MT4411	35 sq.mm	m	1226.67	1228.27	1238.32
MT4412	50 sq.mm	m	1775.67	1781.16	1795.74
Power Cables (1.1kV) 4-Core Copper - Unarmoured, PVC insulated & sheathed					
MT4425	4 sq.mm	m	199.15	200.02	201.65
MT4426	6 sq.mm	m	285.29	287.45	289.81
MT4427	10 sq.mm	m	475.60	478.27	482.19
MT4428	16 sq.mm	m	722.86	725.19	727.09
MT4429	25 sq.mm	m	971.09	973.60	981.58
MT4430	35 sq.mm	m	1309.22	1314.36	1325.11
MT4431	50 sq.mm	m	1798.77	1800.67	1815.41

Code	Description	Units	PL	GP	SJ
Control Cables (1.1kV) Copper - 1.5 sq.mm - Armoured, PVC insulated & sheathed					
MT4445	2-Core	m	77.38	78.74	79.61
MT4446	3-Core	m	94.25	96.35	97.19
MT4447	4-Core	m	117.75	118.79	119.59
MT4448	5-Core	m	135.50	137.74	138.51
MT4449	6-Core	m	154.25	156.05	157.78
MT4450	7-Core	m	168.00	168.19	169.89
MT4451	10-Core	m	237.50	242.35	243.93
MT4452	12-Core	m	249.00	252.41	253.97
MT4453	14-Core	m	287.50	288.49	289.98
MT4454	16-Core	m	319.25	323.79	325.21
MT4455	19-Core	m	369.50	374.02	375.35
MT4456	24-Core	m	463.75	464.29	465.46
MT4457	27-Core	m	511.50	512.62	513.71
MT4458	30-Core	m	561.25	562.45	563.45
MT4459	37-Core	m	676.25	678.42	679.21
MT4460	44-Core	m	803.00	803.05	803.62
MT4461	52-Core	m	933.75	934.03	934.37
MT4462	61-Core	m	1080.00	1081.26	1081.32
Control Cables (1.1kV) Copper - 2.5 sq.mm - Armoured, PVC insulated & sheathed					
MT4475	2-Core	m	101.13	101.27	101.64
MT4476	3-Core	m	130.25	130.38	131.16
MT4477	4-Core	m	161.75	165.83	166.55
MT4478	5-Core	m	191.50	195.59	196.26
MT4479	6-Core	m	223.25	228.02	228.62
MT4480	7-Core	m	249.50	249.66	250.23
MT4481	10-Core	m	327.50	335.96	336.38
MT4482	12-Core	m	385.25	389.84	390.16
MT4483	14-Core	m	454.25	454.49	458.71
MT4484	16-Core	m	517.25	520.58	524.70
MT4485	19-Core	m	593.25	601.02	604.99
MT4486	24-Core	m	763.25	764.23	765.94
MT4487	27-Core	m	834.50	835.21	841.79
MT4488	30-Core	m	932.00	936.46	937.88
MT4489	37-Core	m	1165.75	1166.52	1068.10
MT4490	44-Core	m	1347.00	1359.05	1364.79
MT4491	52-Core	m	1578.75	1589.30	1591.66
MT4492	61-Core	m	1836.50	1837.88	1839.81
Control Cables (1.1kV) Copper - 1.5 sq.mm - Unarmoured, PVC insulated & sheathed					
MT4505	2-Core	m	44.00	47.06	48.98
MT4506	3-Core	m	61.55	62.90	67.79
MT4507	4-Core	m	78.00	80.39	85.26
MT4508	5-Core	m	93.00	97.03	101.87
MT4509	6-Core	m	113.50	118.76	120.56
MT4510	7-Core	m	125.75	131.83	133.61
MT4511	10-Core	m	181.50	186.80	188.49
MT4512	12-Core	m	216.00	219.81	221.43
MT4513	14-Core	m	243.00	251.46	253.03
MT4514	16-Core	m	282.50	284.74	286.24
MT4515	19-Core	m	328.25	334.02	335.43
MT4516	24-Core	m	430.75	432.34	433.61
MT4517	27-Core	m	478.00	479.42	480.60
MT4518	30-Core	m	528.00	532.30	533.40
MT4519	37-Core	m	652.25	669.22	671.11
MT4520	44-Core	m	784.25	788.07	788.77
MT4521	52-Core	m	927.25	928.78	929.24
MT4522	61-Core	m	1093.00	1096.99	1098.19

Code	Description	Units	PL	GP	SJ
Control Cables (1.1kV) Copper - 2.5 sq.mm - Unarmoured, PVC insulated & sheathed					
MT4535	2-Core	m	70.50	71.24	72.77
MT4536	3-Core	m	98.50	99.06	100.07
MT4537	4-Core	m	123.75	127.07	127.54
MT4538	5-Core	m	152.75	157.07	157.82
MT4539	6-Core	m	181.75	187.26	187.27
MT4540	7-Core	m	205.75	211.22	212.06
MT4541	10-Core	m	295.75	309.28	311.22
MT4542	12-Core	m	347.00	368.58	370.14
MT4543	14-Core	m	400.50	426.45	428.76
MT4544	16-Core	m	467.25	485.06	486.05
MT4545	19-Core	m	541.25	570.20	571.46
MT4546	24-Core	m	697.50	717.35	719.27
MT4547	27-Core	m	784.75	802.69	805.87
MT4548	30-Core	m	871.00	887.89	890.33
MT4549	37-Core	m	1075.75	1092.52	1095.40
MT4550	44-Core	m	1279.75	1296.06	1298.48
MT4551	52-Core	m	1511.00	1522.18	1525.08
MT4552	61-Core	m	1771.00	1780.91	1784.33
Flexible Cords (1.1kV) Twin-Twisted Copper - PVC insulated & sheathed					
MT4565	0.5 sq.mm	m	13.62	19.43	22.86
Weather Proof aluminium cable, twin core					
MT4575	1.5 sq.mm	m	7.04	6.93	7.30
MT4576	2.5 sq.mm	m	8.67	8.80	8.90
MT4577	4 sq.mm	m	12.46	12.65	12.80
MT4578	6 sq.mm	m	16.21	17.27	17.78
MT4579	10 sq.mm	m	25.00	26.40	26.84
MT4580	16 sq.mm	m	35.88	38.50	38.71
MT4581	25 sq.mm	m	48.33	52.80	52.91
Telephone Cable/Wire					
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					
MT4595	2 pair	m	9.78	9.87	9.96
MT4596	5 pair	m	20.36	22.58	22.86
Telecommunication Cable, solid annealed copper, polythene insulated, petroleum jelly filled with poly-al laminate moisture barrier 0.5mm dia					
MT4610	20 pair	m	99.97	100.94	101.25
MT4611	50 pair	m	237.60	239.98	240.38
MT4612	100 pair	m	437.80	439.96	440.04
Telecommunication Cable, solid annealed copper, polythene insulated, petroleum jelly filled with poly-al laminate moisture barrier 0.5mm dia					
MT4625	20 pair	m	151.80	153.32	154.80
MT4626	50 pair	m	283.80	286.64	287.24
MT4627	100 pair	m	486.20	491.06	491.97

Code	Description	Units	PL	GP	SJ
Thimble					
Flat type Brass Thimble					
MT4640	63A	each	8.25	11.24	12.14
MT4641	100A	each	12.50	18.72	20.22
MT4642	200A	each	24.00	29.96	32.36
MT4643	250A	each	35.50	46.80	50.55
MT4644	300A	each	40.50	56.16	60.66
Flat type Aluminium Alloy Thimble					
MT4655	100A	each	13.25	16.83	18.18
MT4656	160A	each	19.00	21.76	23.51
MT4657	250A	each	26.50	38.25	41.31
MT4658	300A	each	40.00	46.49	50.22
MT4659	315A	each	56.50	65.27	70.49
MT4660	400A	each	78.00	94.30	101.85
MT4661	500A	each	118.00	136.01	146.90
MT4662	600A	each	160.50	177.71	191.93
MT4663	630A	each	164.50	177.71	191.93
MT4664	750A	each	184.50	253.89	274.20
MT4665	800A	each	192.00	253.89	274.20
Ferrule type brass thimble					
MT4675	6A	each	6.00	6.03	6.55
MT4676	10A	each	6.00	6.03	6.55
MT4677	16A	each	6.00	6.03	6.55
MT4678	20A	each	6.00	6.03	6.55
MT4679	25A	each	6.00	6.03	6.55
MT4680	32A	each	6.00	6.03	6.55
MT4681	40A	each	6.00	6.03	6.55
MT4682	50A	each	6.00	6.03	6.55
MT4683	63A	each	6.00	6.03	6.55
MT4684	100A	each	6.25	6.03	6.55
MT4685	125A	each	6.57	7.19	7.85
MT4686	200A	each	11.25	11.42	11.95
Ferrule type aluminium alloy thimble					
MT4700	16A	each	1.59	2.09	2.14
MT4701	32A	each	1.59	2.19	2.16
MT4702	50A	each	1.79	2.47	2.88
MT4703	63A	each	1.66	2.46	2.40
MT4704	80A	each	2.16	2.61	2.40
MT4705	100A	each	2.38	3.10	3.20
MT4706	125A	each	2.38	3.18	3.20
MT4707	130A	each	2.56	3.46	3.84
MT4708	150A	each	2.50	3.50	3.64
MT4709	160A	each	2.56	3.63	3.84
MT4710	200A	each	3.33	4.01	4.84
MT4711	300A	each	3.33	4.11	4.84
MT4712	330A	each	3.33	4.21	4.84
MT4713	425A	each	3.33	4.58	4.84

Code	Description	Units	PL	GP	SJ
Compression Gland					
Single Compression Gland, heavy duty brass					
MT4725	20mm dia	each	15.83	16.50	18.00
MT4726	22mm dia	each	20.44	21.31	23.26
MT4727	25mm dia	each	24.81	25.44	27.76
MT4728	27mm dia	each	26.17	27.50	30.00
MT4729	29mm dia	each	28.29	28.88	31.50
MT4730	33mm dia	each	34.13	34.38	37.50
MT4731	35mm dia	each	40.42	41.25	45.00
MT4732	38mm dia	each	43.92	46.75	51.00
MT4733	40mm dia	each	48.31	52.94	57.76
MT4734	45mm dia	each	65.71	70.13	76.50
MT4735	50mm dia	each	79.00	86.63	94.50
MT4736	55mm dia	each	90.42	96.25	105.00
MT4737	60mm dia	each	106.67	115.50	126.00
MT4738	63mm dia	each	114.00	125.13	136.50
MT4739	70mm dia	each	147.00	160.88	175.50
MT4740	78mm dia	each	184.33	202.13	220.50
MT4741	82mm dia	each	228.67	250.25	273.00
MT4742	85mm dia	each	298.33	327.25	357.00
Double Compression Gland, heavy duty brass					
MT4755	20mm dia	each	70.31	70.81	71.28
MT4756	22mm dia	each	80.81	82.69	99.06
MT4757	25mm dia	each	89.66	93.84	117.04
MT4758	27mm dia	each	106.00	110.25	131.25
MT4759	29mm dia	each	128.06	129.94	155.31
MT4760	33mm dia	each	137.44	143.06	179.69
MT4761	35mm dia	each	159.13	165.38	210.63
MT4762	38mm dia	each	186.06	192.94	235.81
MT4763	40mm dia	each	213.00	220.50	265.00
MT4764	45mm dia	each	308.81	303.19	344.06
MT4765	50mm dia	each	377.94	395.06	422.19
MT4766	55mm dia	each	477.38	496.13	501.88
MT4767	60mm dia	each	599.75	624.75	603.75
MT4768	63mm dia	each	784.69	820.31	763.44
MT4769	70mm dia	each	1158.75	1181.25	1036.25
MT4770	78mm dia	each	1381.25	1443.75	1781.25
MT4771	82mm dia	each	1896.25	1968.75	2013.75
MT4772	85mm dia	each	2257.50	2362.50	2392.50
Route Marker/ Cable Joint Box					
MT4785	C.I Route Marker, 150x100x6mm	each	238.07	244.20	246.50
MT4786	Straight through cable joint box	each	263.00	264.00	297.50

Code	Description	Units	PL	GP	SJ
Conduits					
M.S Conduit					
MT4800	15mm x 1.6mm	m	45.46	46.88	47.06
MT4801	20mm x 1.6mm	m	54.52	55.53	56.28
MT4802	25mm x 1.6mm	m	71.92	80.75	82.13
MT4803	32mm x 2mm	m	91.61	98.88	99.34
MT4804	40mm x 2mm	m	107.43	114.49	117.56
MT4805	50mm x 2mm	m	167.56	169.59	170.33
MT4806	Junction box, 1 or 2 way	each	19.70	24.40	25.51
MT4807	Inspection bend	each	18.76	23.33	23.43
MT4808	socket for conduit	each	8.46	9.48	10.27
MT4809	M.S Saddle	each	3.01	3.52	3.78
Steel Conduit					
MT4820	20mm x 1.6mm	m	46.20	46.66	47.60
MT4821	25mm x 1.6mm	m	53.13	53.66	54.74
MT4822	32mm x 2mm	m	83.16	84.00	85.67
MT4823	40mm x 2mm	m	121.28	122.49	124.94
MT4824	50mm x 2mm	m	165.17	166.82	170.15
MT4825	Steel Saddle	m	1.16	1.58	1.99
MT4826	20mm Junction box, 1 or 2 way for conduit	each	13.86	14.50	15.14
MT4827	20mm Inspection bend for conduit	each	13.86	14.50	15.14
MT4828	20mm socket for conduit	each	4.68	5.17	5.26
PVC Conduit					
MT4840	20 mm,18SWG	m	20.99	21.83	19.87
MT4841	25 mm,16SWG	m	28.11	29.76	30.82
MT4842	32 mm,14SWG	m	49.40	51.66	53.86
MT4843	40 mm,14SWG	m	68.38	70.50	75.75
MT4844	50 mm,14SWG	m	122.25	129.16	134.65
HDPE Pipe pressure class 10kg/sq.cm					
MT4850	20 mm	m	20.02	22.42	24.68
MT4851	25 mm	m	29.92	33.33	36.30
MT4852	32 mm	m	49.75	55.55	57.20
MT4853	40 mm	m	71.09	88.80	90.20
MT4854	50 mm	m	114.91	130.90	138.60
PVC Boxes					
MT4855	PVC box 86x86x40mm	each	36.79	37.68	38.18
MT4856	PVC box 86x31x40mm	each	40.12	40.18	41.18
MT4857	PVC box 146x86x40mm	each	52.71	54.07	54.47
PVC Boxes					
Category A					
MT4860	1 Module	each	54.27	55.46	56.49
MT4861	2 Module	each	55.87	57.96	58.24
MT4862	3 Module	each	61.54	64.16	64.98
MT4863	4 Module	each	77.06	80.55	81.92
MT4864	5 Module	each	94.09	95.58	97.52
MT4865	6 Module	each	129.37	129.62	130.32
MT4866	7 Module	each	153.38	154.99	155.74
MT4867	8 Module	each	158.70	161.38	164.72
MT4868	9 Module	each	187.35	190.82	198.62
MT4869	10 Module	each	210.10	222.77	227.79

Code	Description	Units	PL	GP	SJ
PVC accessories					
MT4870	PVC Socket	each	7.30	7.59	7.80
MT4871	Junction box, 1 or 2 way for conduit	each	12.22	12.65	13.83
MT4872	Inspection bend for conduit	each	10.04	10.12	12.56
MT4873	PVC sleeve 25mm	each	1.63	2.13	2.63
MT4874	PVC sleeve 35mm	each	1.79	2.29	2.79
MT4875	PVC sleeve 40mm	each	1.95	2.45	2.95
Wooden batten					
MT4885	13x10mm	m	21.45	22.23	23.23
MT4886	20x10mm	m	29.15	29.58	30.58
MT4887	25x10mm	m	36.30	37.15	38.15
MT4888	32x10mm	m	74.80	75.40	76.40
MT4889	bend	each	3.40	3.65	4.40
MT4890	corner	each	3.40	3.65	4.40
MT4891	Round block 76x38mm	each	7.51	9.26	9.76
Wooden boxes					
MT4905	Box 75x75x38mm	each	11.84	12.42	13.42
MT4906	Box 100x100x38mm	each	12.32	14.16	15.16
MT4907	Box 150x150x38mm	each	17.33	21.66	22.66
MT4908	Box 180x150x38mm	each	18.48	19.24	21.74
MT4909	Box 100x75x38mm	each	15.41	18.70	19.21
MT4910	Box 200x100x38mm	each	18.48	19.24	21.74
MT4911	Box 250x200x38mm	each	26.57	27.78	28.28
MT4912	Box 300x200x38mm	each	33.11	33.56	35.56
MT4913	Box 450x300x38mm	each	73.69	76.19	78.69
Aluminium Clips					
MT4925	40mm	each	0.29	1.14	1.39
MT4926	50mm	each	0.46	1.23	1.48
MT4927	60mm	each	0.58	1.29	1.54
PVC Casing & Cappings					
MT4940	12x12 mm	m	15.46	18.65	19.52
MT4941	12x10 mm	m	16.79	18.65	19.52
MT4942	15x10 mm	m	20.03	20.98	21.98
MT4943	20x10 mm	m	23.63	24.48	26.68
MT4944	20x12 mm	m	27.20	28.21	30.64
MT4945	25x10 mm	m	29.97	30.20	34.34
MT4946	30x10 mm	m	40.34	40.76	41.90
MT4947	40x20 mm	m	54.88	66.07	73.37
MT4948	50x20 mm	m	77.94	80.39	83.74
MT4949	Corner/Tee	each	4.05	4.83	5.56

Code	Description	Units	PL	GP	SJ
------	-------------	-------	----	----	----

Busbars & Busbar Chambers

Copper Busbars & MS Busbar Chamber

MT4960	2 strips, 300mm bar, 100A	each	1247.29	1309.77	1323.49
MT4961	4 strips, 300mm bar, 100A	each	1385.87	1455.30	1470.55
MT4962	4 strips, 300mm bar, 200A	each	2078.81	2182.95	2205.82
MT4963	2 strips, 450mm bar, 100A	each	2194.30	2304.23	2328.36
MT4964	4 strips, 450mm bar, 100A	each	2667.81	2801.45	2830.80
MT4965	4 strips, 450mm bar, 200A	each	3137.85	3295.04	3329.56
MT4966	4 strips, 600mm bar, 100A	each	3439.28	3611.57	3649.40
MT4967	4 strips, 600mm bar, 200A	each	3995.94	4196.12	4240.07
MT4968	4 strips, 600mm bar, 300A	each	5272.10	5536.20	5594.20

Aluminium alloy/wrought Busbars suitable for cubical panel board

MT4980	4 strips, 600mm bar, 300A	each	1489.81	1564.45	1580.84
MT4981	4 strips, 600mm bar, 400A	each	1784.31	1873.70	1893.33
MT4982	4 strips, 600mm bar, 600A	each	2338.66	2455.82	2481.55
MT4983	4 strips, 900mm bar, 400A	each	2754.42	2892.41	2922.71
MT4984	4 strips, 900mm bar, 600A	each	3568.63	3747.40	3786.66
MT4985	4 strips, 900mm bar, 800A	each	4642.68	4875.26	4926.33
MT4986	4 strips, 1350mm bar, 400A	each	4330.86	4547.81	4595.46
MT4987	4 strips, 1350mm bar, 600A	each	5630.11	5912.16	5974.09
MT4988	4 strips, 1350mm bar, 800A	each	7362.46	7731.28	7812.28

Control-Gear & Switch Boards

Wall mounting Fuse Switch Units sheet steel enclosure

MT5000	TPN, 20A, 415V	each	1680.03	1790.25	1790.25
MT5001	TPN, 32A,415V, SFU	each	2351.20	2286.90	2286.90
MT5002	TPN, 63A,415V, SFU	each	2646.70	2870.18	2870.18
MT5003	TPN, 200A,415V, FSU	each	4925.85	4926.08	4926.08
MT5004	TPN, 250A, 415V, FSU	each	5826.71	5826.98	5826.98
MT5005	TPN, 315A, 415V, FSU	each	6245.25	6491.10	6491.10
MT5006	TPN, 125A, 415V, SFU	each	3587.08	3880.80	3880.80
MT5007	TPN, 400A,415V, FSU	each	7852.86	8529.68	8529.68
MT5008	TPN, 500A,415V, FSU	each	10810.31	10810.80	10810.80
MT5009	TPN, 630A,415V, FSU	each	13091.33	13091.93	13091.93
MT5010	TPN, 750A,415V FSU	each	15004.57	15257.55	15257.55
MT5011	TPN, 800A,415V, FSU	each	15256.86	15257.55	15257.55
MT5012	4 pole, 500A, 415V, FSU	each	30640.76	30642.15	30642.15
MT5013	4 pole, 750A, 415V, FSU	each	39222.02	39223.80	39223.80

Panel mounting disconnecter FSU complete with front drive mechanism with door interlock (HRC fuse)

MT5025	4 pole, 250A, 415V, FSU	each	6946.69	7016.80	7086.97
MT5026	4 pole, 400A, 415V, FSU	each	11341.07	11455.52	11570.08
MT5027	4 pole, 125A, 415V, SFU	each	4839.01	4887.85	4936.72
MT5028	3 pole, 32A, 415V, SFU	each	1085.60	1096.56	1107.52
MT5029	3 pole, 63A, 415V, SFU	each	1559.11	1574.85	1590.59
MT5030	3 pole, 125A, 415V, SFU	each	3464.69	3499.65	3534.65
MT5031	3 pole, 250A, 415V, FSU	each	6946.69	7016.80	7086.97
MT5032	3 pole, 400A, 415V, FSU	each	8315.24	8399.16	8483.16

Code	Description	Units	PL	GP	SJ
HRC Fuses					
MT5045	20A, 415V size 0	each	240.34	247.97	250.46
MT5046	32A, 415V size 0	each	240.34	247.97	250.46
MT5047	63A, 415V size 0	each	235.00	247.97	250.46
MT5048	125A, 415V size 1	each	573.98	577.72	583.50
MT5049	200A, 415V size 1	each	580.49	582.97	583.50
MT5050	250A, 415V size 1	each	660.65	678.66	679.80
MT5051	315A, 415V size 2	each	833.31	908.92	910.45
MT5052	400A, 415V size 2	each	833.31	908.92	910.45
MT5053	500A, 415V size 3	each	1374.29	1472.46	1474.91
MT5054	630A, 415V size 3	each	1399.96	1514.87	1517.40
MT5055	750A, 415V size 3	each	1512.12	1645.16	1647.90
MT5056	800A, 415V size 3	each	1657.62	1775.43	1778.40
Earth Leakage					
Earth leakage module, 4 pole, 415 volt A.C					
MT5070	125A	each	7519.72	7817.93	8190.60
MT5071	160A	each	8755.83	9103.07	9537.00
MT5072	250A	each	14412.28	14983.84	15698.10
MT5073	400A	each	26353.34	27398.45	28704.50
MT5074	630A	each	26353.34	27398.45	28704.50
Miniature Circuit Breaker (MCB)					
SP MCB 230 volt A.C					
Category A					
MT5085	6A	each	196.39	200.91	247.42
MT5086	10A	each	196.39	201.21	247.42
MT5087	16A	each	196.39	201.21	247.42
MT5088	20A	each	238.89	258.69	268.01
MT5089	25A	each	238.89	258.69	268.01
MT5090	32A	each	238.89	258.42	268.01
MT5091	40A	each	384.21	453.27	547.17
MT5092	63A	each	432.21	453.27	547.17
Category B					
MT5100	6A	each	114.53	125.93	142.59
MT5101	10A	each	114.53	125.93	142.59
MT5102	16A	each	114.53	125.93	147.07
MT5103	20A	each	129.53	125.93	145.07
MT5104	25A	each	129.53	125.93	145.47
MT5105	32A	each	167.20	125.93	143.84
MT5106	40A	each	297.13	228.96	238.49
MT5107	63A	each	377.19	277.30	304.14
SPN MCB, 230 volt A.C					
Category A					
MT5115	6A	each	540.94	589.05	594.69
MT5116	10A	each	540.94	589.05	594.69
MT5117	16A	each	540.94	589.05	594.69
MT5118	20A	each	540.94	589.05	594.69
MT5119	25A	each	540.94	589.05	594.69
MT5120	32A	each	540.94	589.05	594.69
MT5121	40A	each	842.67	951.61	958.08
MT5122	63A	each	873.58	959.34	960.92

Code	Description	Units	PL	GP	SJ
Category B					
MT5130	6A	each	328.54	349.77	448.78
MT5131	10A	each	328.54	349.77	454.78
MT5132	16A	each	328.54	349.77	468.78
MT5133	20A	each	328.54	349.77	478.78
MT5134	25A	each	328.54	349.77	484.78
MT5135	32A	each	328.54	349.77	497.78
MT5136	40A	each	499.19	534.20	586.99
MT5137	63A	each	579.55	623.24	676.42
2 pole MCB, 230 volt A.C					
Category A					
MT5145	6A	each	603.12	613.20	657.81
MT5146	10A	each	603.12	613.20	630.98
MT5147	16A	each	603.12	631.74	640.98
MT5148	20A	each	603.12	631.74	647.65
MT5149	25A	each	603.12	631.74	657.65
MT5150	32A	each	603.12	631.74	667.65
MT5151	40A	each	873.57	790.17	875.19
MT5152	50A	each	976.82	1021.40	1043.67
MT5153	63A	each	976.82	1021.40	1043.67
Category B					
MT5160	6A	each	345.14	352.13	375.79
MT5161	10A	each	345.14	352.13	382.45
MT5162	16A	each	345.14	352.13	418.62
MT5163	20A	each	345.14	352.13	391.62
MT5164	25A	each	345.14	352.13	395.79
MT5165	32A	each	345.14	352.13	426.62
MT5166	40A	each	446.98	457.07	517.08
MT5167	50A	each	524.92	566.68	587.98
MT5168	63A	each	539.20	566.68	593.82
TP MCB, 415 volt A.C					
Category A					
MT5180	6A	each	914.99	940.39	1030.23
MT5181	10A	each	914.99	940.39	1030.23
MT5182	16A	each	914.99	940.39	1030.23
MT5183	20A	each	914.99	960.39	1030.23
MT5184	25A	each	920.82	956.73	1030.23
MT5185	32A	each	907.13	956.73	1030.23
MT5186	40A	each	1310.43	1320.63	1507.49
MT5187	50A	each	1344.43	1327.89	1513.56
MT5188	63A	each	1344.43	1389.22	1513.56
Category B					
MT5200	6A	each	500.21	515.13	566.98
MT5201	10A	each	500.21	515.13	572.82
MT5202	16A	each	500.21	515.13	569.48
MT5203	20A	each	500.21	515.13	571.15
MT5204	25A	each	581.81	515.13	574.48
MT5205	32A	each	498.47	515.13	572.82
MT5206	40A	each	667.30	688.38	728.61
MT5207	50A	each	783.69	824.67	840.30
MT5208	63A	each	783.69	824.67	836.13

Code	Description	Units	PL	GP	SJ
TPN MCB, 415 volt, A.C					
Category A					
MT5220	6A	each	1139.25	1336.40	1374.65
MT5221	10A	each	1139.25	1336.40	1374.65
MT5222	16A	each	1139.25	1336.40	1374.65
MT5223	20A	each	1139.25	1336.40	1374.65
MT5224	25A	each	1139.25	1336.40	1374.65
MT5225	32A	each	1139.25	1336.40	1374.65
MT5226	40A	each	1698.82	1835.20	2048.33
MT5227	50A	each	1852.68	1895.39	2054.40
MT5228	63A	each	1881.25	1834.31	2054.40
Category B					
MT5240	6A	each	648.75	675.68	728.94
MT5241	10A	each	648.75	675.68	732.28
MT5242	16A	each	648.75	675.68	733.94
MT5243	20A	each	648.75	675.68	734.78
MT5244	25A	each	648.75	675.68	737.28
MT5245	32A	each	648.75	675.68	734.78
MT5246	40A	each	870.23	883.58	907.40
MT5247	50A	each	972.82	1037.19	1045.83
MT5248	63A	each	972.82	1037.19	1036.67
4 pole MCB, 415 volt A.C					
Category A					
MT5260	6A	each	1211.40	1421.63	1214.34
MT5261	10A	each	1211.40	1421.63	1216.01
MT5262	16A	each	1211.40	1421.63	1219.34
MT5263	20A	each	1211.40	1421.63	1222.67
MT5264	25A	each	1211.40	1421.63	1226.01
MT5265	32A	each	1211.40	1421.63	1229.34
MT5266	40A	each	1695.00	1960.68	1543.62
MT5267	50A	each	1767.84	1963.64	1621.44
MT5268	63A	each	1792.12	1963.64	1631.44
Category B					
MT5280	6A	each	830.96	715.48	764.80
MT5281	10A	each	830.96	715.48	768.80
MT5282	16A	each	830.96	715.48	770.80
MT5283	20A	each	830.96	715.48	772.80
MT5284	25A	each	830.96	715.48	773.80
MT5285	32A	each	830.96	715.48	773.80
MT5286	40A	each	1005.94	903.24	921.15
MT5287	50A	each	1212.64	1035.45	967.46
MT5288	63A	each	1212.64	1035.45	967.46
I s o l a t o r					
DP Isolators, 230 volt A.C					
Category A					
MT5300	32A	each	312.59	376.10	756.49
MT5301	40A	each	547.89	562.94	601.57
MT5302	63A	each	632.02	610.54	1040.86
Category B					
MT5310	32A	each	219.68	153.32	143.25
MT5311	40A	each	229.25	195.54	182.70
MT5312	63A	each	289.08	249.98	233.56

Code	Description	Units	PL	GP	SJ
TP Isolators, 415 volt A.C					
Category A					
MT5320	32A	each	603.71	544.39	953.21
MT5321	40A	each	923.44	1016.57	712.93
MT5322	63A	each	1115.80	1188.77	1207.79
Category B					
MT5330	32A	each	521.93	314.41	293.77
MT5331	40A	each	550.03	349.97	326.99
MT5332	63A	each	676.12	389.96	364.36
DP Timer switch , 230 volt A.C					
MT5340	24hrs/24hrs	each	3164.16	2497.00	2497.00
MT5341	7days/24hrs	each	3587.68	3336.30	3336.30
Residual Current Circuit Breaker (RCCB)					
2 pole RCCB, 230 volt A.C, 30mA					
Category A					
MT5350	16A	each	2419.39	2393.27	2669.50
MT5351	25A	each	2419.39	2547.69	2669.50
MT5352	32A	each	2783.17	2999.90	2624.35
MT5353	40A	each	2912.15	3171.38	2920.14
MT5354	63A	each	3421.07	3782.69	3386.03
Category B					
MT5365	16A	each	1725.09	1385.21	1551.74
MT5366	25A	each	1725.09	1385.21	1557.57
MT5367	32A	each	1802.27	1469.16	1679.78
MT5368	40A	each	1858.97	1469.16	1559.73
MT5369	63A	each	2322.50	1836.45	2125.13
2 pole RCCB, 230 volt A.C, 100mA					
Category A					
MT5380	16A	each	2722.72	2990.09	3010.06
MT5381	25A	each	2794.15	2990.09	3010.06
MT5382	32A	each	2753.13	3016.01	2826.81
MT5383	40A	each	2992.88	3221.00	3115.62
MT5384	63A	each	3516.31	3557.65	3608.34
Category B					
MT5395	16A	each	1645.42	1353.73	1505.18
MT5396	25A	each	1645.42	1353.73	1514.35
MT5397	32A	each	1642.78	1448.17	1647.35
MT5398	40A	each	1670.86	1448.17	1673.18
MT5399	63A	each	2073.12	1721.02	2057.21
2 pole RCCB, 230 volt A.C, 300mA					
Category A					
MT5410	16A	each	2726.80	3075.83	3057.75
MT5411	25A	each	2726.80	3075.83	3057.75
MT5412	32A	each	2884.77	3394.53	2905.21
MT5413	40A	each	3526.15	3800.98	3372.99
MT5414	63A	each	3686.75	3824.32	3608.34
Category B					
MT5425	16A	each	1579.37	1353.73	1513.52
MT5426	25A	each	1579.37	1353.73	1517.68
MT5427	32A	each	1713.57	1448.17	1639.85
MT5428	40A	each	1670.86	1448.17	1677.35
MT5429	63A	each	2093.12	1721.02	2052.21

Code	Description	Units	PL	GP	SJ
4 pole RCCB, 415 volt A.C, 30mA					
Category A					
MT5440	16A	each	2998.39	3149.28	3207.18
MT5441	25A	each	3203.33	3310.67	3348.51
MT5442	32A	each	3233.00	3310.67	3257.64
MT5443	40A	each	3238.33	3483.72	3279.28
MT5444	63A	each	3706.67	4057.57	3820.32
Category B					
MT5455	16A	each	1767.58	1735.01	1696.37
MT5456	25A	each	1976.55	1800.30	1769.44
MT5457	32A	each	2103.42	1800.30	1769.44
MT5458	40A	each	2334.70	1857.44	1822.96
MT5459	63A	each	2459.04	2287.69	2224.98
4 pole RCCB, 415 volt A.C, 100mA					
Category A					
MT5470	16A	each	3321.67	3688.52	3412.70
MT5471	25A	each	3347.31	3618.53	3402.36
MT5472	32A	each	3397.31	3618.53	3318.24
MT5473	40A	each	3465.58	3694.08	3415.34
MT5474	63A	each	3800.96	4249.58	3982.36
Category B					
MT5485	16A	each	1564.81	1626.57	1793.06
MT5486	25A	each	1814.16	1626.57	1823.06
MT5487	32A	each	1834.87	1626.57	1858.06
MT5488	40A	each	1592.07	1689.53	1905.79
MT5489	63A	each	1862.40	2119.79	2266.95
4 pole RCCB, 415 volt A.C, 300mA					
Category A					
MT5500	16A	each	3443.70	3760.74	3798.34
MT5501	25A	each	3466.45	3629.64	3665.94
MT5502	32A	each	3288.59	3629.64	3395.47
MT5503	40A	each	3348.61	3695.75	3478.85
MT5504	63A	each	3974.86	4273.47	4025.60
Category B					
MT5515	16A	each	2009.87	1626.57	2023.38
MT5516	25A	each	2203.60	1626.57	2023.38
MT5517	32A	each	2100.40	1626.57	2084.21
MT5518	40A	each	2262.69	1689.53	2127.32
MT5519	63A	each	2616.63	2119.79	2433.29
Distribution Board (DB)					
Category A					
SPN DB, 230 volt A.C, without door/single door					
MT5525	4 way	each	617.90	638.17	716.91
MT5526	6 way	each	687.66	714.85	826.49
MT5527	8 way	each	761.97	767.92	886.00
MT5528	12 way	each	888.37	891.64	1091.78
MT5529	16 way	each	1120.00	1202.47	1261.08
SPN DB, 230 volt A.C, with metal door(double door)					
MT5531	4 way	each	840.34	852.13	882.09
MT5532	6 way	each	1115.81	1133.35	1140.34
MT5533	8 way	each	1122.07	1187.22	1160.69
MT5534	12 way	each	1268.13	1433.14	1443.82
MT5535	16 way	each	1615.75	1802.87	1840.26

Code	Description	Units	PL	GP	SJ
SPN DB, 230 volt A.C, with acrylic door(double door)					
MT5537	4 way	each	914.50	1065.67	1129.60
MT5538	6 way	each	1097.05	1266.63	1342.63
MT5539	8 way	each	1147.67	1336.94	1417.15
MT5540	12 way	each	1426.08	1646.51	1745.30
MT5541	16 way	each	1788.21	2081.49	2206.37
TPN DB, 415 volt A.C, without door/single door- (Horizontal)					
MT5543	4 way	each	1515.76	1730.47	2157.20
MT5544	6 way	each	1872.30	2143.92	2411.26
MT5545	8 way	each	2447.37	2547.94	3010.95
MT5546	12 way	each	3528.60	3790.44	4615.97
MT5547	16 way	each	3940.12	4549.15	6136.05
TPN DB, 415 volt A.C, with metal door(double door)-Horizontal					
MT5549	4 way	each	2924.44	3094.34	3096.75
MT5550	6 way	each	3066.85	3337.23	3623.12
MT5551	8 way	each	4229.79	4245.18	4541.47
MT5552	12 way	each	5205.19	5786.75	6642.79
MT5553	16 way	each	5639.46	5777.66	5850.66
TPN DB, 415 volt A.C, with acrylic door(double door)-Horizontal					
MT5555	4 way	each	2526.81	2717.42	2880.47
MT5556	6 way	each	3100.39	3349.16	3550.11
MT5557	8 way	each	3723.75	3980.37	4219.19
MT5558	12 way	each	5726.30	6064.49	6428.36
MT5559	16 way	each	6301.02	7274.97	7711.46
TPN DB, 415 volt A.C, without door/single door (Vertical)					
MT5561	4 way	each	4668.20	4833.02	4841.00
MT5562	6 way	each	5161.37	5221.81	5535.12
MT5563	8 way	each	5610.61	5761.12	5772.93
MT5564	12 way	each	7443.00	8028.01	8401.23
TPN DB, 415 volt A.C, with metal door(double door)-Vertical					
MT5566	4 way	each	5401.96	5462.13	5526.62
MT5567	6 way	each	5628.88	6498.93	6888.87
MT5568	8 way	each	6590.01	6727.44	6804.36
MT5569	12 way	each	8336.70	8750.06	9028.02
TPN DB, 415 volt A.C, with acrylic door(double door)-Vertical					
MT5571	4 way	each	6160.78	6767.59	7173.64
MT5572	6 way	each	6647.77	7175.32	7565.42
MT5573	8 way	each	7881.76	8599.83	9115.82
MT5574	12 way	each	10416.28	11473.62	12162.03
Category B					
SPN DB, 230 volt A.C, single door					
MT5576	4 way	each	334.10	344.30	356.70
MT5577	6 way	each	393.38	405.31	411.21
MT5578	8 way	each	483.26	493.57	502.13
MT5579	12 way	each	518.13	601.83	633.24
MT5580	16 way	each	712.13	726.54	741.70
SPN DB, 230 volt A.C, double door					
MT5582	4 way	each	502.87	566.60	598.10
MT5583	6 way	each	572.92	621.20	660.79
MT5584	8 way	each	675.05	756.36	773.48
MT5585	12 way	each	848.67	984.08	992.09
MT5586	16 way	each	1102.74	1195.54	1236.08

Code	Description	Units	PL	GP	SJ
TPN DB, 415 volt A.C, single door (Horizontal)					
MT5588	4 way	each	1305.80	1311.50	1316.30
MT5589	6 way	each	1554.87	1558.36	1567.02
MT5590	8 way	each	1780.30	1836.45	1862.39
MT5591	12 way	each	2396.60	2555.29	2569.65
MT5592	16 way	each	3075.15	3550.47	3612.75
TPN DB, 415 volt A.C, double door (Horizontal)					
MT5594	4 way	each	1136.42	1312.08	1365.28
MT5595	6 way	each	1470.16	1497.41	1683.46
MT5596	8 way	each	1737.33	1805.87	1980.09
MT5597	12 way	each	2794.14	2926.04	3202.80
MT5598	16 way	each	3213.26	3459.94	3689.19
TPN DB, 415 volt A.C, single door (Vertical)					
MT5600	4 way	each	2617.66	3022.27	3069.22
MT5601	6 way	each	3053.94	3275.98	3481.27
MT5602	8 way	each	3490.21	3779.70	3996.78
MT5603	12 way	each	4453.66	4892.06	5039.71
TPN DB, 415 volt A.C, double door (Vertical)					
MT5605	4 way	each	3731.08	4057.79	4245.57
MT5606	6 way	each	4244.61	4650.70	4800.64
MT5607	8 way	each	4758.14	5243.61	5435.31
MT5608	12 way	each	6176.04	6880.67	6987.13
Earth Plug & Socket					
Earth plug & Socket, DP 230 volt A.C					
MT5610	10A	each	704.07	753.95	831.15
MT5611	20A	each	880.04	958.55	1149.52
Earth plug & Socket, 4 pole 415 volt A.C					
MT5620	20A	each	947.06	973.90	1073.90
MT5621	32A	each	1123.29	1223.51	1323.51
MT5622	63A	each	2625.08	2859.29	2959.29
Lightning Finial					
Copper tube finial with base plate 85x3mm					
MT5630	25mm dia, 300mm long with single prong	each	1918.81	2090.00	2190.00
MT5631	25mm dia, 900mm long with four prong	each	2221.78	2420.00	2520.00
G.I tube finial with copper base plate 85x6mm					
MT5635	25mm dia, 300mm long with single prong	each	989.70	1078.00	1178.00

Code	Description	Units	PL	GP	SJ
Panel Mounting MCCB					
Category A					
MT5640	3 pole, 16KA, MCCB 63A, 415V	each	4041.11	4151.65	4282.33
MT5641	3 pole, 16KA, MCCB 100A, 415V	each	3946.50	4089.50	4251.25
MT5642	3 pole, 16KA, MCCB 125A, 415V	each	4786.93	4964.00	5249.50
MT5643	4 pole, 16KA, MCCB 63A, 415V	each	4973.00	5219.75	5428.38
MT5644	4 pole, 16KA, MCCB 100A, 415V	each	5011.63	5112.50	5374.75
MT5645	4 pole, 16KA, MCCB 125A, 415V	each	6262.39	6571.10	6604.05
MT5646	3 pole, 25KA, MCCB 63A, 415V	each	4812.50	4887.00	5218.50
MT5647	3 pole, 25KA, MCCB 100A, 415V	each	4729.50	4951.17	5250.58
MT5648	3 pole, 25KA, MCCB 125A, 415V	each	5688.37	5762.60	6006.30
MT5649	4 pole, 25KA, MCCB 63A, 415V	each	6711.21	6963.25	7379.13
MT5650	4 pole, 25KA, MCCB 100A, 415V	each	7257.78	6929.15	7689.58
MT5651	4 pole, 25KA, MCCB 125A, 415V	each	7936.25	8478.50	8514.25
MT5652	3 pole, 36KA, MCCB 125A, 415V	each	6901.67	7340.00	8553.50
MT5653	3 pole, 36KA, MCCB 160A, 415V	each	10891.48	11355.00	12605.00
MT5654	3 pole, 36KA, MCCB 250A, 415V	each	13231.00	14303.00	15553.00
MT5655	4 pole, 36KA, MCCB 125A, 415V	each	9301.00	9980.00	10980.00
MT5656	4 pole, 36KA, MCCB 160A, 415V	each	13260.80	13907.00	14907.00
MT5657	4 pole, 36KA, MCCB 250A, 415V	each	17072.36	18345.50	19345.50
MT5658	4 pole, 70KA, MCCB 250A, 415V	each	21473.00	23138.75	24138.75
MT5659	4 pole, 70KA, MCCB 400A, 415V	each	39002.34	42232.00	43232.00
MT5660	4 pole, 70KA, MCCB 630A, 415V	each	61235.29	66448.50	67448.50
MT5661	4 pole, 70KA, MCCB 800A, 415V	each	145885.10	158650.50	159650.50
Category B					
MT5680	3 pole, 16KA, MCCB 63A, 415V	each	2494.45	2517.00	2556.75
MT5681	3 pole, 16KA, MCCB 100A, 415V	each	2494.45	2517.00	2556.75
MT5682	3 pole, 16KA, MCCB 125A, 415V	each	3090.29	3116.00	3161.50
MT5683	4 pole, 16KA, MCCB 63A, 415V	each	2984.25	3000.50	3053.88
MT5684	4 pole, 16KA, MCCB 100A, 415V	each	2984.25	3000.50	3053.88
MT5685	4 pole, 16KA, MCCB 125A, 415V	each	4509.20	4661.50	4700.38
MT5686	3 pole, 25KA, MCCB 63A, 415V	each	3261.98	3303.00	3434.50
MT5687	3 pole, 25KA, MCCB 100A, 415V	each	3261.98	3303.00	3434.50
MT5688	3 pole, 25KA, MCCB 125A, 415V	each	3837.62	3930.00	4018.75
MT5689	4 pole, 25KA, MCCB 63A, 415V	each	4001.22	4108.20	4184.80
MT5690	4 pole, 25KA, MCCB 100A, 415V	each	4001.22	4108.20	4184.80
MT5691	4 pole, 25KA, MCCB 125A, 415V	each	5276.73	5497.50	5503.13
MT5692	3 pole, 36KA, MCCB 125A, 415V	each	4221.38	4348.00	4432.00
MT5693	3 pole, 36KA, MCCB 160A, 415V	each	5564.55	5811.00	5802.75
MT5694	3 pole, 36KA, MCCB 250A, 415V	each	9543.56	9600.00	9833.75
MT5695	4 pole, 36KA, MCCB 125A, 415V	each	5756.43	5475.00	5990.00
MT5696	4 pole, 36KA, MCCB 160A, 415V	each	9977.81	10073.00	10274.50
MT5697	4 pole, 36KA, MCCB 250A, 415V	each	12708.58	13047.40	13053.60

Code	Description	Units	PL	GP	SJ
Luminaires (Surface / ceiling mounted, GLS lamp)					
MT5720	Globe dia 150mm, 1x60W	each	151.49	166.65	268.32
MT5721	Globe dia 200mm, 1x60W	each	277.72	305.53	408.58
MT5722	Globe dia 250mm, 1x60W	each	454.46	499.95	604.96
MT5723	Square louvered, 1x60W	each	454.46	499.95	604.96
MT5724	Special drumlite, dia 175mm milky, 1x60W	each	227.23	249.98	352.47
MT5725	Special drumlite dia 225mm milky, 1x60W	each	338.32	372.19	475.90
MT5726	Spot light 235mm, reflector dia 130mm, 1x60W	each	116.14	127.77	229.04
MT5727	Spot light 245mm, reflector dia 100mm, 1x60W	each	156.53	172.21	273.93
MT5728	Clamp light 225mm, dia 110mm, 1x60W	each	252.48	277.75	380.53
MT5729	Clamp light 160mm, 100W	each	201.98	222.20	324.42
MT5730	Rail light 225mm, 2x60W (R)	each	333.27	366.63	470.29
MT5731	Rail light 160mm, 2x100W (R)	each	333.27	366.63	470.29
MT5732	Rail light 225mm, 3x60W (R)	each	570.59	627.72	734.00
MT5733	Rail light 160mm, 3x100W (R)	each	540.30	394.39	700.33
MT5734	Wall bracket 225mm, 1x60W	each	292.87	322.19	425.41
MT5735	Wall bracket 230mm, 1x60W	each	378.71	416.63	520.79
MT5736	Wall bracket 160mm, 1x60W	each	277.72	305.53	408.58
MT5737	Wall bracket 185mm, 1x60W	each	302.97	333.30	436.63
MT5738	Double wall bracket 200mm, 2x60W	each	631.19	694.38	801.32
MT5739	Double wall bracket 160mm, 2x60W	each	555.45	611.05	717.17
MT5740	Single swivel wall bracket 375mm, 1x60W	each	479.70	527.73	633.01
MT5741	Double mirror light 610mm, 2x60W	each	454.46	499.95	604.96
MT5742	Double mirror light 460mm, 2x60W	each	363.56	399.96	503.96
MT5743	Single picture light 200mm, 1x60W	each	277.72	305.53	408.58
MT5744	Pendant down lighter 215mm, 1x60W	each	378.71	416.63	520.79
MT5745	Pendant lantern type 460mm, 1x60W	each	530.20	583.28	689.11
MT5746	Pendant 460mm, 3x60W	each	1085.64	1194.33	1306.27
MT5747	Recessed down lighter square 170-190mm, 1x100W	each	136.34	149.99	251.48
MT5748	Recessed down lighter, round 180mm, 1x100W	each	186.83	205.54	307.59
MT5749	Recessed down lighter, round 165mm, 1x60W (R)	each	136.34	149.99	251.48
MT5750	Semi recessed down lighter square 170-200mm, 1x100W	each	212.08	233.31	335.64
MT5751	Semi recessed down lighter, round 90-95mm, 1x100W	each	267.62	294.42	397.36
MT5752	Semi recessed down lighter, side entry 205mm, 1x60W (R)	each	176.73	194.43	296.37
MT5753	Wall bracket louvered 275mm, 1x60/100W	each	479.70	527.73	633.01
MT5754	Bulk head die cast aluminium body, weather proof gasket, wire guard, 1x60/100W	each	403.96	509.80	548.84
MT5755	Post top dia 325-380mm, 1x60/100W	each	1439.11	1583.18	1699.00

Code	Description	Units	PL	GP	SJ
Switches & Sockets					
Category A					
MT5800	6A switch SP 1-way	each	100.56	105.97	109.98
MT5801	6A switch SP 1-way with indicator	each	129.58	131.58	144.75
MT5802	6A switch SP 2-way	each	129.33	130.33	142.33
MT5803	6A switch SP 2-way with indicator	each	178.07	182.03	193.01
MT5804	16A switch SP 1-way	each	170.05	174.22	175.28
MT5805	16A switch SP 1-way with indicator	each	183.87	227.58	257.14
MT5806	16A switch SP 2-way	each	189.36	220.52	257.51
MT5807	16A fuse unit	each	206.53	207.08	295.05
MT5808	2-pin 6A socket outlet	each	134.53	148.33	234.46
MT5809	3-pin, 6A socket outlet, shuttered	each	153.34	210.83	284.95
MT5810	3-pin, 16A socket outlet, shuttered	each	221.45	323.88	399.40
MT5811	3 pin, 6A switch/socket combined, shuttered	each	237.17	306.66	372.47
MT5812	5 pin, 6A switch/socket combined, shuttered	each	362.50	463.88	540.79
MT5813	3 pin, 16A switch/socket combined, shuttered	each	256.35	318.51	403.34
MT5814	5/6 pin, 6/16A socket outlet, shuttered	each	281.88	306.66	372.47
MT5815	5/6 pin, 6/16A switch/socket combined, shuttered	each	392.47	448.50	539.67
MT5816	5-pin universal socket outlet	each	214.73	242.96	320.86
MT5817	Dimmer / regulator	each	627.54	714.57	781.11
MT5818	TV coaxial socket	each	143.06	207.58	269.05
MT5819	RJ 45 computer socket	each	667.79	668.61	734.69
MT5820	RJ 11 telephone socket	each	143.40	206.65	268.12
MT5821	Bell push 6A	each	148.58	211.66	273.16
MT5822	Plate 1-module with frame	each	102.87	169.32	230.42
MT5823	Plate 2-module with frame	each	103.22	172.43	233.55
MT5824	Plate 3-module with frame	each	124.34	189.32	250.61
MT5825	Plate 4-module with frame	each	140.43	203.99	265.42
MT5826	Plate 6-module with frame	each	205.23	272.48	334.60
MT5827	Plate 8-module with frame	each	258.63	276.92	339.09
MT5828	Plate 9-module with frame	each	246.84	324.98	387.62
MT5829	Plate 10-module with frame	each	289.28	372.84	436.06
Category B					
MT5845	6A switch SP 1-way	each	24.39	28.22	30.64
MT5846	6A switch SP 1-way with indicator	each	30.58	31.14	33.96
MT5847	6A switch SP 2-way	each	30.52	31.87	32.61
MT5848	16A switch SP 1-way	each	52.47	66.11	70.93
MT5849	16A switch SP 1-way with indicator	each	73.01	75.92	90.25
MT5850	16A switch SP 2-way	each	73.24	77.66	81.03
MT5851	16A switch SP 2-way with indicator	each	75.60	76.45	94.46
MT5852	16A fuse unit	each	37.51	58.97	68.27
MT5853	2-pin 6A socket outlet	each	26.89	39.44	56.23
MT5854	3-Pin, 6A socket outlet, shuttered	each	43.99	45.47	55.31
MT5855	3-Pin, 16A socket outlet, shuttered	each	72.09	76.84	87.89
MT5856	3 pin, 6A switch/socket combined, shuttered	each	73.73	79.71	84.19
MT5857	5 pin, 6A switch/socket combined, shuttered	each	115.99	127.96	154.92
MT5858	3 pin, 16A switch/socket combined, shuttered	each	111.87	124.94	158.63
MT5859	5/6 pin, 6/16A socket outlet, shuttered	each	88.62	115.44	131.47
MT5860	5/6 pin, 6/16A switch/socket combined, shuttered	each	147.26	148.25	160.20
MT5861	5-pin universal socket outlet	each	86.81	112.83	126.47
MT5862	Dimmer / regulator	each	191.52	193.61	215.73
MT5863	TV coaxial socket	each	29.47	35.22	48.70
MT5864	RJ 45 computer socket	each	87.72	125.28	129.35
MT5865	RJ 11 telephone socket	each	51.75	66.26	74.31
MT5866	Bell push 6A	each	29.15	30.31	47.16
MT5867	Plate 1-module with frame	each	9.08	9.16	12.26
MT5868	Plate 2-module with frame	each	20.57	50.78	59.99
MT5869	Plate 3-module with frame	each	27.83	58.11	73.39
MT5870	Plate 4-module with frame	each	56.15	66.66	71.03
MT5871	Plate 6-module with frame	each	54.45	85.00	93.54
MT5872	Plate 8-module with frame	each	72.60	103.33	114.06

Code	Description	Units	PL	GP	SJ
 Holders & Plugs 					
MT5890	Batten holder (heavy duty, brass)	each	24.43	25.41	28.41
MT5891	Plain pendant holder (bakelite)	each	21.56	23.20	23.57
MT5892	Angle holder (heavy duty)	each	23.43	23.88	25.41
MT5893	Cord-grip, PVC 2-core	m	14.52	19.92	24.52
MT5894	Twin flexible wire (twisted) heavy duty	m	18.90	18.52	20.57
MT5895	Ceiling Rose, 2 plate (PVC) 6A	each	23.00	22.30	24.20
 Metal boxes 					
 Category A 					
MT5900	1 Module	each	51.09	55.11	55.33
MT5901	2 Module	each	51.09	55.11	55.66
MT5902	3 Module	each	60.27	65.11	65.38
MT5903	4 Module	each	74.08	78.54	80.68
MT5904	5 Module	each	89.68	89.99	90.89
MT5905	6 Module	each	110.14	116.44	117.81
MT5906	7 Module	each	118.55	124.03	126.65
MT5907	8 Module	each	129.99	135.33	132.35
MT5908	9 Module	each	170.61	186.10	188.98
MT5909	10 Module	each	181.46	191.65	244.28
 Metal boxes 					
MT5910	Metal, 75x75x60 mm	each	26.62	29.29	37.16
MT5911	Metal, 60x60x60 mm	each	26.62	28.44	37.16
MT5912	Metal, 86x86x40 mm	each	32.67	34.00	43.33
MT5913	Metal, 100x100x60 mm	each	41.00	41.74	55.67
MT5914	Metal, 86x31x40 mm	each	32.67	33.00	43.33
MT5915	Metal, 146x86x40	each	36.30	36.66	47.03
MT5916	Metal, 150x100x60 mm	each	39.14	40.52	51.97
MT5917	Metal, 150x150x60 mm	each	55.66	56.22	66.78
MT5918	Metal, 180x100x60 mm	each	56.87	57.44	68.01
MT5919	Metal, 180x150x60 mm	each	56.87	57.44	68.01
MT5920	Metal, 200x125x60 mm	each	56.87	57.44	68.01
MT5921	Metal, 200x150x60 mm	each	56.87	57.44	68.01
MT5922	Metal, 250x200x60 mm	each	64.55	66.16	77.89
MT5923	Metal, 300x200x60 mm	each	87.12	87.99	98.87
MT5924	Metal, 200x150x100 mm	each	70.18	70.88	81.59
MT5925	Metal, 200x250x100 mm	each	83.49	84.33	95.17
MT5926	Metal, 200x300x100 mm	each	98.01	99.49	109.98
MT5927	Metal, 250x300x100 mm	each	157.30	158.87	170.46
MT5928	Metal, 300x380x100 mm	each	229.90	232.20	244.52
MT5929	Metal, 300x450x100 mm	each	344.85	348.30	361.78
MT5930	Laminated Sheet Cover for metal boxes	sq.m	821.59	829.81	848.10

Code	Description	Units	PL	GP	SJ
Indoor Luminaires					
Prewired Indoor fluorescent lamp luminaires (CRCA sheet housing, steel) for wall/ceiling					
MT5945	Strip Rail, 18/20 W, LPF	each	251.43	257.07	276.88
MT5946	Decorative, box type 18/20 W, LPF	each	438.90	444.64	447.72
MT5947	Mounting channel, 18/20 W, LPF	each	473.55	478.29	483.07
MT5948	Strip Rail, 36/40 W, LPF	each	285.30	294.43	306.34
MT5949	Decorative, box type 36/40 W, LPF	each	508.20	513.28	518.42
MT5950	Mounting channel, 36/40 W, LPF	each	536.00	547.47	600.89
MT5951	Mounting box, 1x36/40 W, HPF	each	599.00	664.94	671.58
MT5952	Mounting box, 2x36/40 W, HPF	each	952.88	962.40	972.03
MT5953	Industrial box, 1x36/40 W, HPF	each	658.35	664.94	671.58
Indoor fluorescent lamp luminaires, steel rail, Industrial box					
MT5970	Vitreous enamel reflector, 1x36/40 W, HPF	each	1178.10	1189.88	1201.78
MT5971	Stove enamel reflector, 2x36/40 W, HPF	each	1357.13	1370.70	1384.41
MT5972	Stove enamel reflector 1x36/40 W, HPF	each	1062.60	1073.23	1083.96
MT5973	Vitreous enamel reflector, 2x36/40 W, HPF	each	1472.63	1487.35	1502.23
Indoor decorative fluorescent lamp luminaires, steel rail, surface mounting box					
MT5990	Polysterene structured louvere and reflector, 2x36/40 W, HPF	each	1617.00	1633.17	1649.51
MT5991	Metal louvere and reflector, 2x36/40 W, HPF	each	1501.50	1516.52	1531.68
MT5992	Opal acrylic diffuser and reflector, 2x36/40 W, HPF	each	1674.75	1691.50	1708.41
MT5993	Opal acrylic diffuser & reflector, 1x36/40 W, HPF	each	1010.63	1020.73	1030.94
MT5994	PrisMTic louvere and reflector, 2x36/40 W, HPF	each	2165.63	2187.28	2209.15
MT5995	Opal acrylic diffuser, 2x36/40 W, HPF	each	2154.08	2175.61	2197.37
MT5996	Opal acrylic diffuser and reflector, 2x18/20 W, HPF	each	1155.00	1166.55	1178.22
Indoor decorative fluorescent lamp luminaires, steel rail, recessed, Mounting box					
MT6020	PrisMTic louvere and reflector, 2x36/40 W, HPF	each	1986.60	2006.47	2026.53
MT6021	Opal acrylic diffuser, 2x36/40 W, HPF	each	1975.05	1994.81	2014.75
MT6022	Structured louvere and reflector, 2x36/40 W, HPF	each	1928.85	1948.14	1967.63
Indoor decorative fluorescent lamp luminaires, steel rail, surface/recessed, Mounting box					
MT6040	PrisMTic louvere and reflector, 4x18/20 W, HPF	each	2558.33	2583.91	2609.75
MT6041	Opal acrylic diffuser, 4x18/20 W, HPF	each	2558.33	2583.91	2609.75
MT6042	Structured louvere and reflector, 4x18/20 W, HPF	each	2558.33	2583.91	2609.75
MT6043	Mirror potic louvere and reflector, 2x18/20 W, HPF	each	1386.00	1399.86	1413.86
MT6044	Mirror optic louvere, 2x36/40 W, HPF	each	2310.00	2333.10	2356.43
MT6045	Wide spread mirror optic and reflector, 2x36/40 W, HPF	each	2310.00	2333.10	2356.43
Outdoor Luminaires					
Street Lighting					
MT6060	1x36/40 W, HPF	each	1216.63	1220.77	1354.95
MT6061	2x36/40 W, HPF	each	1801.13	1808.16	1826.23
MT6062	1x18/20 W, HPF	each	1141.16	1184.05	1190.44
MT6063	1x70 W, (E) SON(BC)	each	2546.49	2618.90	2797.55
MT6064	1x70 W, (I)SON(BC)	each	2837.98	2904.72	2941.88
MT6065	1x100 W, SON(BC)	each	3280.53	3394.67	3409.31
MT6066	1x250 W, SON(ES)	each	4308.94	4506.03	4528.34
Street Light Luminaires					
MT6075	1x80 W, HPL-N(BC)	each	2651.35	2729.73	2757.03
MT6076	1x125 W, HPL-N(BC)	each	2673.11	2793.89	2821.83
MT6077	1x250 W, HPL-N(ES)	each	3909.31	4053.76	4094.30

Code	Description	Units	PL	GP	SJ
Post Top Lantern					
MT6090	1x80 W, HPL-N(BC)	each	2272.58	2391.43	2415.35
MT6091	1x125 W, HPL-N(ES)	each	2392.92	2624.74	2650.99
MT6092	1x160 W, ML(ES)	each	1795.13	1808.16	1826.23
MT6093	1x70 (E) W, SON(BC)	each	2973.75	3208.02	3240.09
MT6094	1x70(I) W, SON(BC)	each	2853.25	2858.05	2886.63
Under water lighting					
MT6105	60/75/100 W (R), (BC) for depth<0.60m	each	2602.16	2789.33	2794.33
Flood Light Luminaire					
MT6120	2x250/400 W, HPL-N(ES)	each	10692.25	10853.59	11723.24
MT6121	2x250/400 W, SON-T(ES)	each	6241.25	6353.83	6774.74
MT6122	1x500 W, (ES)	each	1605.75	1712.41	1944.05
MT6123	1x250/400 W, HPI-T	each	5821.50	6091.36	6244.55
MT6124	Halogen lamp, 1x500 W	each	788.93	803.71	865.99
MT6125	Halogen lamp, 1 or 2x1000 W	each	1587.50	1624.91	1767.33
Industrial well glass					
MT6140	GLS 1x200/300 W (ES)	each	1386.00	1399.86	1413.86
MT6141	1x80/125 W HPL-N(BC)	each	2425.50	2449.76	2474.25
MT6142	1x70/100 W (E) SON(BC)	each	2887.50	2916.38	2945.54
Flame proof Industrial well glass					
MT6155	1x60/200 W (BC/ES)	each	2887.50	2916.38	2945.54
MT6156	1x80/125 W HPL-N(BC)	each	5058.90	5109.49	5160.58
MT6157	1x160 W ML-N(ES)	each	3672.90	3709.63	3746.72
Flame proof bulk head					
MT6170	1x60/200 W GLS(BC/ES)	each	2965.90	3021.50	3275.44
MT6171	1x80/125 W (BC)	each	5779.40	5796.35	6456.63
MT6172	1x160 W ML-N(ES)	each	2980.90	3121.50	3275.44
Call bell 250 volt A.C					
MT6190	Gong bell assembly	each	55.00	59.40	59.40
MT6191	Buzzer bell assembly	each	52.67	57.67	82.37
MT6192	Musical bell assembly	each	119.36	129.36	129.36
Lighting track 250 volt A.C, for 60 W reflector lamp for museum or decorated shop					
MT6205	0.5m	each	959.50	1039.50	1044.50
MT6206	1.0m	each	1537.00	1617.00	1622.00
MT6207	2.0m	each	1825.75	1905.75	1910.75

Code	Description	Units	PL	GP	SJ
L a m p s					
GLS lamp 250 volt A.C					
MT6220	40 W (BC)	each	11.53	12.70	13.55
MT6221	60 W (BC)	each	11.53	11.82	13.55
MT6222	100 W (BC)	each	12.80	13.24	14.10
MT6223	150 W (ES)	each	19.25	19.81	24.25
MT6224	200 W (ES)	each	21.39	24.14	26.14
MT6225	300 W (ES)	each	70.76	71.38	75.76
MT6226	500 W (ES)	each	97.44	98.72	102.44
Reflector lamp 250 volt A.C					
MT6235	60 W (R) 63(BC)	each	35.65	36.96	41.96
MT6236	75 W (R) 95(BC/ES)	each	80.53	83.60	88.60
MT6237	100 W (R) 95(BC/ES)	each	81.57	84.70	89.70
MT6238	150 W (R) 95(BC/ES)	each	85.33	88.00	93.00
ML blended lamp 250 volt A.C					
MT6250	60 W (BC/ES)	each	275.68	290.40	300.40
High pressure mercury vapour lamp 250 volt A.C					
MT6265	HPL-N 80 W (BC/ES)	each	154.58	169.79	179.58
MT6266	HPL-N 125 W (BC/ES)	each	174.68	176.78	185.35
MT6267	HPL-N 250 W (ES)	each	441.94	456.29	468.88
MT6268	HPL-N 400 W (ES)	each	585.50	596.75	643.50
High pressure sodium vapour lamp 250 volt A.C					
MT6285	SON-T 70 W (E)(BC)	each	545.33	561.00	569.00
MT6286	SON-T 70 W (I) (BC)	each	565.79	617.38	625.38
MT6287	SON-T 150 W (ES)	each	679.73	794.60	747.20
MT6288	SON-T 250 W (ES)	each	758.33	775.00	833.00
MT6289	SON-T 400 W (ES)	each	1007.96	1073.88	1081.88
Metal halide lamp 250 volt A.C					
MT6300	HPI-T 250 W (ES)	each	1155.75	1188.00	1214.00
MT6301	HPI-T 400 W (ES)	each	1162.25	1199.00	1204.50
Halogen lamp 250 volt A.C					
MT6315	7785 R 500 W	each	132.75	160.06	170.25
MT6316	12013 R 1000 W	each	159.25	209.44	217.75
Argenta superlux lamp 250 volt A.C					
MT6325	60 W (BC)	each	15.40	16.70	20.40
Special incandescent lamp 250 volt A.C					
MT6335	15 W (BC) pigmy	each	21.90	23.70	28.70
Fluorescent lamp 250 volt A.C					
MT6345	TL 18/20 W	each	44.09	46.90	48.27
MT6346	TL 36/40 W	each	49.08	53.52	56.08
MT6347	TLF 36/40 W	each	59.29	61.76	66.29

Code	Description	Units	PL	GP	SJ
Lamp Shades					
Glass globe					
MT6355	150mm dia	each	105.00	110.00	120.00
MT6356	180mm dia	each	215.00	217.50	225.00
Glass lengum shade					
MT6365	150mm dia	each	160.00	180.00	185.00
MT6366	180mm dia	each	242.50	262.50	267.50
Heat resistant proof plastic conical shade					
MT6375	150mm dia	each	160.00	165.00	175.00
Heat resistant proof plastic coolican shade					
MT6385	150mm dia	each	187.50	192.50	202.50
Fans					
Ceiling fan 240 volt A.C					
MT6395	1400 rpm, 900mm sweep	each	1290.00	1295.51	1351.18
MT6396	1400 rpm, 1200mm sweep	each	1424.29	1430.53	1446.06
MT6397	1400 rpm, 1400mm sweep	each	1592.84	1675.79	1692.46
Exhaust fan 240 volt A.C					
MT6415	900 rpm, 300mm sweep	each	1133.68	1163.18	1182.72
MT6416	900 rpm, 380mm sweep	each	1375.63	1412.88	1463.25
MT6417	900 rpm, 450mm sweep	each	1735.38	1746.44	1750.38
MT6418	1400 rpm, 300mm sweep	each	1822.46	1943.22	2264.84
MT6419	1400 rpm, 380mm sweep	each	2308.71	2383.71	2417.42
MT6420	1400 rpm, 450mm sweep	each	3055.35	3110.70	3210.70
Aluminium louvere with frame					
MT6435	300mm sweep	each	490.88	539.96	589.05
MT6436	380mm sweep	each	606.38	667.01	727.65
MT6437	450mm sweep	each	693.00	762.30	831.60
Street/Compound Light Pole					
Steel Tubular Pole with base plate					
MT6450	5.5m, 4.5mm thick	each	2772.00	2799.72	2827.72
MT6451	5.5m, 4.8mm thick	each	2887.50	2916.38	2945.54
MT6452	5.5m, 5.4mm thick	each	3060.75	3091.36	3122.27
Swaged Street Light Steel Tubular Pole (410 MPa) with base plate					
MT6465	8.5m, 158 kg	each	4735.50	4782.86	4830.68
MT6466	8.5m, 148 kg	each	4446.75	4491.22	4536.13
MT6467	8.5m, 141 kg	each	4238.85	4281.24	4324.06
MT6468	8.5m, 151kg	each	4591.13	4637.04	4683.40
Pole Cap					
Pole cap wih arm bracket 1.1m and outer dia 50/60mm					
MT6480	Single arm	each	2887.50	3031.88	3320.63
MT6481	Double arm	each	5197.50	5457.38	5977.13
MT6482	Triple arm	each	7507.50	7882.88	8633.63
MS junction box out door duty					
MT6495	MS junction box out door duty, fabricated with 14SWG MS sheet	each	748.00	785.40	860.20

Code	Description	Units	PL	GP	SJ
Earthing Materials					
Plate					
MT6510	GI Plate, 600x600x6mm	each	1014.50	1121.00	1189.10
MT6511	Copper Plate, 600x600x3mm	each	4965.83	5715.83	4560.55
Strip					
MT6515	GI Tape\Strip 20x3 mm	m	39.80	39.85	40.91
MT6516	GI Tape\Strip 50x6 mm	m	55.87	75.90	77.92
MT6517	GI Tape\Strip 25x4 mm	m	47.32	56.93	58.44
MT6518	GI Tape\Strip 25x6 mm	m	43.21	47.44	48.70
MT6519	Copper Tape\Strip 25x4	m	439.83	569.25	584.43
Wire					
MT6530	GI, 4mm dia (8swg)	m	5.78	6.83	7.01
MT6531	GI, 4.9mm dia (6swg)	m	6.03	7.59	7.79
MT6532	2.24 mm dia. bare Aluminium. wire	m	2.26	3.04	3.12
MT6533	G.I, 4.88mm dia (6SWG)	m	5.78	7.59	7.79
MT6534	2.032 mm dia.(14SWG) bare G.I	m	2.31	3.18	3.27
MT6535	6 SWG G.I wire	kg	73.95	113.85	116.89
MT6536	Copper, 4mm dia (8swg)	m	34.89	50.69	52.04
MT6537	2.5 mm dia. bare copper	m	28.88	18.98	19.48
MT6538	Copper, 4.88mm dia (6SWG)	m	41.38	47.44	48.70
MT6539	2.032 mm dia.(14SWG) bare copper wire	m	12.56	15.18	15.58
Accessories					
MT6555	Charcoal	kg	10.21	11.88	12.20
MT6556	Salt	kg	7.28	9.08	9.32
MT6557	G.I Spike 1.8m	each	5.03	5.33	5.47

Code	Description	Units	PL	GP	SJ
AIR CONDITIONERS					
Window Type					
MT6565	2 tonne	each	50225.00	52725.00	54450.00
MT6566	1.5 tonne	each	44990.00	46400.00	48400.00
MT6567	1 tonne	each	39212.50	41562.50	42350.00
Splite Type					
MT6585	2 tonne	each	94425.00	97425.00	102850.00
MT6586	1.5 tonne	each	66800.00	67800.00	72600.00
MT6587	1 tonne	each	57750.00	59125.00	60500.00

Code	Description	Units	PL	GP	SJ
CIVIL ITEMS					
Equipment					
MP0001	Concrete Mixer	day	896.00	896.00	896.00
MP0002	Concrete Vibrator	day	752.00	720.00	720.00
MP0003	Truck/Tipper	day	3984.00	3600.00	3600.00
Forest product					
MT6600	Ballies 75 to 125mm dia	m	25.30	25.30	25.30
MT6601	Rough-sawn timber (Mixed Conifer)	cu.m	9748.50	8490.00	8266.15
MT6602	Firewood (stacked volume)	cu.m	981.25	379.00	706.25
MT6603	Royalty for boulder, sand & aggregates	truck	50.00	50.00	50.00
MT6604	Sand	cu.m	212.01	290.00	330.48
MT6605	Stone Boulder	cu.m	172.50	290.00	320.00
Stone Aggregates					
MT6620	50mm	cu.m	812.72	893.99	987.84
MT6621	40mm	cu.m	812.72	893.99	987.84
MT6622	25mm	cu.m	848.05	932.86	1069.14
MT6623	20mm	cu.m	848.05	932.86	1069.14
Metal Product					
Rolled Steel Section 250MPa					
MT6635	Angles	kg	48.00	57.50	56.33
MT6636	Channels	kg	55.00	57.50	60.67
MT6637	Flats	kg	48.00	57.50	57.67
MT6638	Joists	kg	58.00	57.50	60.00
MT6639	Plates	kg	58.00	57.50	63.33
Sheet (250 MPa)					
MT6650	1mm	kg	68.00	70.00	75.00
MT6651	2mm	kg	68.00	70.00	75.00
MT6652	2.8mm	kg	68.00	70.00	70.00
MT6653	3.5mm	kg	68.00	70.00	70.00
G.I Pipe heavy duty					
MT6665	15mm	m	85.18	106.50	110.31
MT6666	20mm	m	104.17	155.00	133.81
MT6667	25mm	m	150.91	196.51	191.50
MT6668	32mm	m	204.12	266.13	261.42
MT6669	40mm	m	246.91	313.39	296.88
Miscellaneous					
MT6680	Bricks 2nd class	1000#	6900.00	7400.00	7000.00
MT6681	Grey Cement	tonne	5050.00	6126.30	6376.25
MT6682	Synthetic enamel paint	litre	152.75	150.33	185.00
MT6683	M.S. Bolts & Nuts, Screws etc	kg	80.00	85.00	85.00
MT6684	C.I. Manhole Cover with frame, 300 x 300mm inside size	each	495.00	437.50	450.00

Code	Description	Units	PL	GP	SJ
TRUNKING CABLE MANAGEMENT SYSTEM					
Mini Plastic Trunking 32x12.5mm & Accessories					
MT7000	Mini trunking 32x12.5mm	m	56.00	56.00	56.00
MT7001	End cap	each	28.00	28.00	28.00
MT7002	Changeable internal/external angle	each	44.00	44.00	44.00
MT7003	Changeable flat angle	each	44.00	44.00	44.00
MT7004	Flat Junction	each	50.00	50.00	50.00
Mini Plastic Trunking 32x16mm & Accessories					
MT7005	Mini trunking 32x16mm	m	62.00	62.00	62.00
MT7006	End cap	each	42.00	42.00	42.00
MT7007	Changeable internal/external angle	each	44.00	44.00	44.00
MT7008	Changeable flat angle	each	44.00	44.00	44.00
MT7009	Flat Junction	each	64.00	64.00	64.00
Mini Plastic Trunking 32x20mm & Accessories					
MT7010	Mini trunking 32x20mm	m	76.00	76.00	76.00
MT7011	End cap	each	62.00	62.00	62.00
MT7012	Changeable internal/external angle	each	50.00	50.00	50.00
MT7013	Changeable flat angle	each	44.00	44.00	44.00
MT7014	Flat Junction	each	50.00	50.00	50.00
Adaptable Plastic Trunking 80x50mm & Accessories					
MT7015	Plastic trunking without cover 80x50mm	m	328.00	328.00	328.00
MT7016	Flexible cover 65mm width	m	174.00	174.00	174.00
MT7017	Joints for 65mm width cover	each	80.00	80.00	80.00
MT7018	Base joint	each	40.00	40.00	40.00
MT7019	Clips	each	34.00	34.00	34.00
MT7020	Separation Partition	m	102.00	102.00	102.00
MT7021	End cap	each	96.00	96.00	96.00
MT7022	Internal angle	each	266.00	266.00	266.00
MT7023	VDI accessories for internal angle	each	358.00	358.00	358.00
MT7024	External angle	each	234.00	234.00	234.00
MT7025	VDI accessories for external angle	each	378.00	378.00	378.00
MT7026	Flat angle	each	342.00	342.00	342.00
MT7027	VDI accessories for flat angle	each	446.00	446.00	446.00
MT7028	Flat Junction	each	466.00	466.00	466.00
MT7029	VDI accessories for flat junction	each	562.00	562.00	562.00
MT7030	Wall crossing	each	406.00	406.00	406.00
MT7031	Capacity change	each	134.00	134.00	134.00
MT7032	Partition junction	each	204.00	204.00	204.00
MT7033	Cable ties base	each	20.00	20.00	20.00
MT7034	2 Module Mosaic frame for 65mm cover	each	80.00	80.00	80.00
MT7035	3 Module Mosaic frame for 65mm cover	each	102.00	102.00	102.00
MT7036	4 Module Mosaic frame for 65mm cover	each	122.00	122.00	122.00
MT7037	6 Module Mosaic frame for 65mm cover	each	134.00	134.00	134.00
MT7038	8 Module Mosaic frame for 65mm cover	each	192.00	192.00	192.00
MT7039	Isolating box for 2/4/6/8 module	each	146.00	146.00	146.00
MT7040	Isolating box for 3 module	each	168.00	168.00	168.00
MT7041	Lexic support 2 module	each	474.00	474.00	474.00

Code	Description	Units	PL	GP	SJ
Adaptable Plastic Trunking 105x50mm & Accessories					
MT7042	Plastic trunking without cover 105x50mm	m	432.00	432.00	432.00
MT7043	Flexible cover 40mm width	m	168.00	168.00	168.00
MT7044	Flexible cover 85mm width	m	186.00	186.00	186.00
MT7045	Joints for 40mm width cover	each	84.00	84.00	84.00
MT7046	Joints for 85mm width cover	each	114.00	114.00	114.00
MT7047	Base joint	each	40.00	40.00	40.00
MT7048	Clips	each	34.00	34.00	34.00
MT7049	Separation Partition	m	102.00	102.00	102.00
MT7050	Clip-on partition	each	128.00	128.00	128.00
MT7051	End Cap	each	94.00	94.00	94.00
MT7052	Internal angle	each	266.00	266.00	266.00
MT7053	Partition junction for internal angle	each	134.00	134.00	134.00
MT7054	VDI accessories for internal angle	each	358.00	358.00	358.00
MT7055	External angle	each	234.00	234.00	234.00
MT7056	Partition junction for external angle	each	234.00	234.00	234.00
MT7057	VDI accessories for external angle	each	378.00	378.00	378.00
MT7058	Flat angle	each	332.00	332.00	332.00
MT7059	VDI accessories for flat angle	each	446.00	446.00	446.00
MT7060	Flat Junction	each	466.00	466.00	466.00
MT7061	Partition junction for flat junction	each	586.00	586.00	586.00
MT7062	VDI accessories for flat junction	each	562.00	562.00	562.00
MT7063	Wall crossing	each	406.00	406.00	406.00
MT7064	Capacity change	each	134.00	134.00	134.00
MT7065	Partition junction	each	204.00	204.00	204.00
MT7066	Cable ties base	each	20.00	20.00	20.00
MT7067	1 Module Mosaic frame for 40mm cover	each	80.00	80.00	80.00
MT7068	2 Module Mosaic frame for 85mm cover	each	84.00	84.00	84.00
MT7069	3 Module Mosaic frame for 85mm cover	each	114.00	114.00	114.00
MT7070	4 Module Mosaic frame for 85mm cover	each	122.00	122.00	122.00
MT7071	6 Module Mosaic frame for 85mm cover	each	162.00	162.00	162.00
MT7072	8 Module Mosaic frame for 85mm cover	each	216.00	216.00	216.00
MT7073	Isolating box for 2/4/6/8 module	each	146.00	146.00	146.00
MT7074	Isolating box for 3 module	each	168.00	168.00	168.00
MT7075	Lexic support 3 module for 85mm cover	each	590.00	590.00	590.00

Code	Description	Units	PL	GP	SJ
Adaptable Plastic Trunking 150x50mm & Accessories					
MT7076	Plastic trunking without cover 150x50mm	m	778.00	778.00	778.00
MT7077	Flexible cover 40mm width	m	168.00	168.00	168.00
MT7078	Flexible cover 65mm width	m	174.00	174.00	174.00
MT7079	Flexible cover 85mm width	m	186.00	186.00	186.00
MT7080	Flexible cover 130mm width	m	432.00	432.00	432.00
MT7081	Joints for 40mm width cover	each	84.00	84.00	84.00
MT7082	Joints for 65mm width cover	each	80.00	80.00	80.00
MT7083	Joints for 85mm width cover	each	114.00	114.00	114.00
MT7084	Joints for 130mm width cover	each	184.00	184.00	184.00
MT7085	Base joint	each	40.00	40.00	40.00
MT7086	Clips for 65mm width cover	each	34.00	34.00	34.00
MT7087	Clips for 130mm width cover	each	62.00	62.00	62.00
MT7088	Separation partition	m	102.00	102.00	102.00
MT7089	Clip-on partition	each	128.00	128.00	128.00
MT7090	End cap	each	182.00	182.00	182.00
MT7091	Internal angle	each	266.00	266.00	266.00
MT7092	Partition junction for internal angle	each	134.00	134.00	134.00
MT7093	VDI accessories for internal angle	each	358.00	358.00	358.00
MT7094	External angle	each	234.00	234.00	234.00
MT7095	Partition junction for external angle	each	234.00	234.00	234.00
MT7096	VDI accessories for external angle	each	378.00	378.00	378.00
MT7097	Flat angle	each	250.00	250.00	250.00
MT7098	VDI accessories for flat angle	each	446.00	446.00	446.00
MT7099	Flat Junction	each	466.00	466.00	466.00
MT7100	Partition Junction for flat junction	each		586.00	586.00
MT7101	VDI accessories for flat junction	each	562.00	562.00	562.00
MT7102	Wall crossing	each	406.00	406.00	406.00
MT7103	Capacity change	each	134.00	134.00	134.00
MT7104	Partition junction	each	204.00	204.00	204.00
MT7105	Cable ties base	each	20.00	20.00	20.00
MT7106	1 Module Mosaic frame for 40mm cover	each	80.00	80.00	80.00
MT7107	2 Module Mosaic frame for 65mm cover	each	80.00	80.00	80.00
MT7108	3 Module Mosaic frame for 65mm cover	each	102.00	102.00	102.00
MT7109	4 Module Mosaic frame for 65mm cover	each	122.00	122.00	122.00
MT7110	6 Module Mosaic frame for 65mm cover	each	134.00	134.00	134.00
MT7111	8 Module Mosaic frame for 65mm cover	each	192.00	192.00	192.00
MT7112	2 Module Mosaic frame for 85mm cover	each	84.00	84.00	84.00
MT7113	3 Module Mosaic frame for 85mm cover	each	114.00	114.00	114.00
MT7114	4 Module Mosaic frame for 85mm cover	each	122.00	122.00	122.00
MT7115	6 Module Mosaic frame for 85mm cover	each	162.00	162.00	162.00
MT7116	8 Module Mosaic frame for 85mm cover	each	216.00	216.00	216.00
MT7117	Isolating box for 2/4/6/8 module	each	146.00	146.00	146.00
MT7118	Isolating box for 3 module	each	168.00	168.00	168.00
MT7119	Lexic support 2 module for 65mm cover	each	474.00	474.00	474.00
MT7120	Lexic support 6 module for 130mm cover	each	706.00	706.00	706.00
MT7121	Hypra socket support for 130mm cover	each	1056.00	1056.00	1056.00

Code	Description	Units	PL	GP	SJ
Adaptable Plastic Trunking 195x50mm & Accessories					
MT7122	Plastic trunking without cover 195x50mm	m	1010.00	1010.00	1010.00
MT7123	Flexible cover 40mm width	m	168.00	168.00	168.00
MT7124	Flexible cover 65mm width	m	174.00	174.00	174.00
MT7125	Flexible cover 85mm width	m	186.00	186.00	186.00
MT7126	Flexible cover 130mm width	m	432.00	432.00	432.00
MT7127	Flexible cover 180mm width	m	466.00	466.00	466.00
MT7128	Joints for 40mm width cover	each	84.00	84.00	84.00
MT7129	Joints for 65mm width cover	each	67.32	67.32	67.32
MT7130	Joints for 85mm width cover	each	114.00	114.00	114.00
MT7131	Joints for 130mm width cover	each	184.00	184.00	184.00
MT7132	Joints for 180mm width cover	each	170.00	170.00	170.00
MT7133	Base joint	each	40.00	40.00	40.00
MT7134	Clips for 65mm width cover	each	34.00	34.00	34.00
MT7135	Clips for 130mm width cover	each	62.00	62.00	62.00
MT7136	Separation partition	m	102.00	102.00	102.00
MT7137	Clip-on partition	each	128.00	128.00	128.00
MT7138	End cap	each	204.00	204.00	204.00
MT7139	Internal angles	each	266.00	266.00	266.00
MT7140	Partition junction for internal angles	each	134.00	134.00	134.00
MT7141	VDI accessories for internal angles	each	358.00	358.00	358.00
MT7142	External angles	each	234.00	234.00	234.00
MT7143	Partition junction for external angles	each	234.00	234.00	234.00
MT7144	VDI accessories for external angles	each	378.00	378.00	378.00
MT7145	Flat angles	each	1418.00	1418.00	1418.00
MT7146	VDI accessories for flat angles	each	446.00	446.00	446.00
MT7147	Flat junctions	each	466.00	466.00	466.00
MT7148	Partition junction for flat junctions	each	586.00	586.00	586.00
MT7149	VDI accessories for flat junctions	each	562.00	562.00	562.00
MT7150	Wall crossing	each	402.00	402.00	402.00
MT7151	Capacity change	each	134.00	134.00	134.00
MT7152	Partition junction	each	204.00	204.00	204.00
MT7153	Cables ties base	each	20.00	20.00	20.00
MT7154	1 Module Mosiac frame for 40mm cover	each	80.00	80.00	80.00
MT7155	2 Module Mosiac frame for 65mm cover	each	80.00	80.00	80.00
MT7156	3 Module Mosiac frame for 65mm cover	each	102.00	102.00	102.00
MT7157	4 Module Mosiac frame for 65mm cover	each	122.00	122.00	122.00
MT7158	6 Module Mosiac frame for 65mm cover	each	134.00	134.00	134.00
MT7159	8 Module Mosiac frame for 65mm cover	each	192.00	192.00	192.00
MT7160	2 Module Mosiac frame for 85mm cover	each	84.00	84.00	84.00
MT7161	3 Module Mosiac frame for 85mm cover	each	114.00	114.00	114.00
MT7162	4 Module Mosiac frame for 85mm cover	each	122.00	122.00	122.00
MT7163	6 Module Mosiac frame for 85mm cover	each	162.00	162.00	162.00
MT7164	8 Module Mosiac frame for 85mm cover	each	216.00	216.00	216.00
MT7165	Isolating box for 2/4/6/8 module	each	146.00	146.00	146.00
MT7166	Isolating box for 3 module	each	168.00	168.00	168.00
MT7167	Lexic support 2 module for 65mm cover	each	474.00	474.00	474.00
MT7168	Lexic support 3 module for 85mm cover	each	590.00	590.00	590.00

Built-up Item Rates

Note:-

For materials that were grouped into Categories A and B, the built-up rates given in this Schedule are for materials from Category A. To use Category B materials, built-up rates have to be analyzed, using rates of Category B materials and relevant labour & material coefficients from LMC-2011. The coefficients are same for materials of both categories.

Category A materials are better in quality and higher in price.

Code	Description	Units	PL	GP	SJ
PVC CASING & CAPPING WIRING					
Aluminium conductor					
Provide & Draw Single Core 440V grade PVC insulated Aluminium conductor cable in existing PVC Casing Capping					
WP0001	1x1.5 sq.mm	m	11.26	11.29	12.50
WP0002	2x1.5 sq.mm	m	13.48	13.53	15.95
WP0003	3x1.5 sq.mm	m	15.69	15.77	19.41
WP0004	4x1.5 sq.mm	m	20.17	20.27	25.12
WP0005	5x1.5 sq.mm	m	22.38	22.51	28.57
WP0006	6x1.5 sq.mm	m	24.60	24.75	32.02
WP0007	7x1.5 sq.mm	m	28.17	28.35	36.83
WP0008	8x1.5 sq.mm	m	30.38	30.59	40.29
WP0009	2x2.5 sq.mm	m	15.87	17.85	19.94
WP0010	3x2.5 sq.mm	m	20.64	23.60	26.74
WP0011	4x2.5 sq.mm	m	24.96	28.90	33.08
WP0012	5x2.5 sq.mm	m	28.37	33.30	38.53
WP0013	6x2.5 sq.mm	m	33.14	39.06	45.33
WP0014	2x4 sq.mm	m	21.98	23.33	23.51
WP0015	3x4 sq.mm	m	28.68	30.69	30.96
WP0016	4x4 sq.mm	m	35.37	38.06	38.42
WP0017	5x4 sq.mm	m	42.52	45.87	46.33
WP0018	2x6 sq.mm	m	26.05	26.69	28.68
WP0019	3x6 sq.mm	m	34.32	35.29	38.27
WP0020	4x6 sq.mm	m	43.04	44.34	48.31
Copper conductor					
Provide & Draw Single Core 1.1KV grade PVC insulated Copper conductor cable in existing PVC Casing Capping					
WP0040	1x1 sq.mm	m	19.96	20.06	20.33
WP0041	2x1 sq.mm	m	30.87	31.06	31.61
WP0042	3x1 sq.mm	m	41.78	42.07	42.90
WP0043	4x1 sq.mm	m	54.95	55.34	56.44
WP0044	5x1 sq.mm	m	65.86	66.35	67.72
WP0045	6x1 sq.mm	m	76.77	77.36	79.00
WP0046	7x1 sq.mm	m	89.03	89.73	91.64
WP0047	8x1 sq.mm	m	99.94	100.73	102.93
WP0048	9x1 sq.mm	m	110.85	111.74	114.21
WP0049	2x1.5 sq.mm	m	46.22	46.66	47.10
WP0050	3x1.5 sq.mm	m	64.81	65.46	66.12
WP0051	4x1.5 sq.mm	m	85.66	86.53	87.41
WP0052	5x1.5 sq.mm	m	104.25	105.34	106.43
WP0053	6x1.5 sq.mm	m	122.84	124.14	125.45
WP0054	7x1.5 sq.mm	m	142.78	144.30	145.83
WP0055	8x1.5 sq.mm	m	161.37	163.11	164.86
WP0056	2x2 sq.mm	m	57.58	59.47	60.66
WP0057	3x2 sq.mm	m	83.21	86.04	87.83
WP0058	4x2 sq.mm	m	108.38	112.16	114.54
WP0059	5x2 sq.mm	m	132.64	137.37	140.35
WP0060	6x2 sq.mm	m	158.27	163.93	167.52
WP0061	2x2.5 sq.mm	m	73.37	73.65	75.14
WP0062	3x2.5 sq.mm	m	106.90	107.30	109.54
WP0063	4x2.5 sq.mm	m	139.96	140.50	143.50
WP0064	5x2.5 sq.mm	m	172.13	172.80	176.54
WP0065	6x2.5 sq.mm	m	205.65	206.46	210.95
WP0066	2x4 sq.mm	m	98.25	99.19	99.41
WP0067	3x4 sq.mm	m	143.08	144.49	144.82
WP0068	4x4 sq.mm	m	187.91	189.79	190.23
WP0069	5x4 sq.mm	m	233.19	235.55	236.10
WP0070	2x6 sq.mm	m	137.29	138.75	140.29
WP0071	3x6 sq.mm	m	201.20	203.39	205.70
WP0072	4x6 sq.mm	m	265.54	268.46	271.53
Wiring for light, fans, call bell and 2 pin light socket outlet with 1 sq.mm 1.1kv grade, PVC insulated copper conductor cable in PVC casing and capping including connections, painting, testing & commissioning etc. as required					
WP0095	Short Point	point	532.18	558.34	585.55
WP0096	Medium Point	point	749.32	787.25	819.11
WP0097	Long Point	point	1017.60	1069.27	1106.55

Code	Description	Units	PL	GP	SJ
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 and commissioning etc. as required					
WP0105	Short Point	point	565.63	592.30	619.27
WP0106	Medium Point	point	828.38	867.53	898.82
WP0107	Long Point	point	1149.88	1203.58	1239.92
Wiring for 3/5 pin, 6 ampere plug point with 2 sq.mm 1.1kV grade, PVC insulated copper conductor cable in PVC casing & capping with providing & fixing 3/5 pin, 6 ampere socket outlet and switch including earthing the third pin, connections, painting, testing and commissioning etc. as required					
WP0115	Short Point	point	909.60	1047.08	1218.94
WP0116	Medium Point	point	1307.17	1426.78	1606.98
WP0117	Long Point	point	1785.95	1884.70	2074.63
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	947.11	1077.96	1250.48
WP0126	Medium Point	point	1396.26	1499.75	1681.51
WP0127	Long Point	point	1935.21	2006.80	2199.33
Wiring for 3 pin, 6/16 ampere plug point with 4 sq.mm 1.1kV grade, PVC insulated copper conductor cable in PVC casing & capping with providing and fixing 3 pin, 6/16 ampere socket outlet and switch including earthing the third pin, connections, painting, testing and commissioning etc. as required					
WP0135	Short Point	point	1220.02	1400.68	1573.07
WP0136	Medium Point	point	1775.46	1927.77	2111.11
WP0137	Long Point	point	2438.43	2557.66	2753.77
Wiring for 5/6 pin, 6/16 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	1419.52	1546.06	1736.71
WP0146	Medium Point	point	1974.96	2073.15	2274.74
WP0147	Long Point	point	2637.93	2703.04	2917.40
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 the third pin, connections, painting, testing and commissioning etc. as required					
WP0155	Short Point	point	1220.02	1400.68	1573.07
WP0156	Medium Point	point	1775.46	1927.77	2111.11
WP0157	Long Point	point	2438.43	2557.66	2753.77
Wiring for twin light point with 1 sq.mm 1.1kV grade, PVC insulated copper conductor cable in PVC casing and capping with 2 way 6 ampere switch including earthing third pin, connections, painting, testing and commissioning etc. as required					
WP0165	Short Point	point	616.91	633.03	673.81
WP0166	Medium Point	point	907.56	928.08	979.82
WP0167	Long Point	point	1261.60	1287.26	1351.79
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	667.09	683.98	724.40
WP0176	Medium Point	point	1026.15	1048.50	1099.39
WP0177	Long Point	point	1460.02	1488.73	1551.83
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					
WP0185	2x1 sq.mm	m	82.72	90.74	96.37
WP0186	2x1.5 sq.mm	m	98.07	106.33	111.85
WP0187	2x4 sq.mm	m	171.56	177.77	184.90

Code	Description	Units	PL	GP	SJ
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					
WP0195	2x2 sq.mm	m	109.43	119.14	125.42
WP0196	2x2.5 sq.mm	m	138.93	144.46	152.88
Wiring for power circuit with 1.1kV grade, PVC insulated copper conductor cable in PVC casing & capping including connections, painting, testing & commissioning etc. as required					
WP0200	2x4 sq.mm	m	171.56	177.77	184.90
Wiring for sub-main with 1.1kV grade, PVC insulated copper conductor cable in PVC casing & capping including connections, painting, testing & commissioning etc. as required					
WP0205	2x6 sq.mm	m	212.93	218.75	229.18
WP0206	2x10 sq.mm	m	327.33	333.10	342.42
WP0207	2x16 sq.mm	m	425.40	431.19	440.37
WP0208	4x6 sq.mm	m	353.62	361.11	369.59
WP0209	4x10 sq.mm	m	615.17	624.94	633.78
WP0210	4x16 sq.mm	m	811.31	821.12	829.68

Code	Description	Units	PL	GP	SJ
TRUNKING CABLE MANAGEMENT-WIRING					
Provide & draw Single Core 1.1KV grade PVC insulated copper conductor cable in existing PVC mini- trunking					
CM0001	2x1.5 sq.mm	m	46.22	46.66	47.10
CM0002	3x1.5 sq.mm	m	64.81	65.46	66.12
CM0003	4x1.5 sq.mm	m	85.66	86.53	87.41
CM0004	5x1.5 sq.mm	m	104.25	105.34	106.43
CM0005	6x1.5 sq.mm	m	122.84	124.14	125.45
CM0006	7x1.5 sq.mm	m	142.78	144.30	145.83
CM0007	8x1.5 sq.mm	m	161.37	163.11	164.86
CM0008	2x2.5 sq.mm	m	73.37	73.65	75.14
CM0009	3x2.5 sq.mm	m	106.90	107.30	109.54
CM0010	4x2.5 sq.mm	m	139.96	140.50	143.50
CM0011	5x2.5 sq.mm	m	172.13	172.80	176.54
CM0012	6x2.5 sq.mm	m	205.65	206.46	210.95
CM0013	2x4.0 sq.mm	m	98.25	99.19	99.41
CM0014	3x4.0 sq.mm	m	143.08	144.49	144.82
CM0015	4x4.0 sq.mm	m	187.91	189.79	190.23
CM0016	5x4.0 sq.mm	m	233.19	235.55	236.10
CM0017	2x6.0 sq.mm	m	137.29	138.75	140.29
CM0018	3x6.0 sq.mm	m	201.19	203.38	205.68
CM0019	4x6.0 sq.mm	m	265.54	268.46	271.53
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 mini-trunking including connections, painting,testing and commissioning etc. as required					
CM0050	Short Point	point	761.43	779.73	803.83
CM0051	Medium Point	point	1169.34	1188.93	1214.33
CM0052	Long Point	point	1666.18	1687.27	1714.19
Wiring for 3/5 pin, 6 ampere plug point with 2.5 sq.mm 1.1KV grade, PVC insulated copper conductor cable in PVC mini-trunking with providing & fixing 3/5 pin, 6 ampere socket outlet and switch connections,including earthing the third pin,painting, testing & commissioning etc. as required -					
CM0053	Short Point	point	1139.80	1265.38	1435.03
CM0054	Medium Point	point	1729.44	1821.15	1997.02
CM0055	Long Point	point	2438.29	2490.48	2673.60
Wiring for 5/6 pin,6/16 ampere plug point with 4.0 sq.mm 1.1KV grade, PVC insulated copper conductor cable in PVC mini-trunking with providing and fixing 5/6 pin, 6/16 ampere socket outlet &switchincluding earthing the third pin, connections,painting,testing & commissioning etc. as required					
CM0056	Short Point	point	1393.47	1481.74	1639.71
CM0057	Medium Point	point	2075.60	2131.99	2292.40
CM0058	Long Point	point	2650.23	2673.41	2837.56
Wiring for points in excess length above long points with 1.1kv grade, PVC insulated copper conductor cable in PVC mini-trunking including connections,painting,testing & commissioning etc. as required					
CM0090	2x1.5 sq.mm	m	175.25	175.69	176.12
CM0091	2x4.0 sq.mm	m	242.03	214.60	214.93
Wiring for lighting circuit with 1.1KV grade, PVC insulated copper conductor cable in PVC mini- trunking including connections, painting, testing and commissioning etc. as required					
CM0100	2x2.5 sq.mm	m	209.40	181.30	182.91
Wiring for power circuit with 1.1KV grade, PVC insulated copper conductor cable in PVC mini- trunking including connections, painting, testing and commissioning etc. as required					
CM0101	2x4.0 sq.mm	m	242.03	214.60	214.93

Code	Description	Units	PL	GP	SJ
------	-------------	-------	----	----	----

MS CONDUIT WIRING

Aluminium conductor

Provide & Draw Single Core 440V grade PVC insulated Aluminium conductor cable in existing MS surface conduit

WM0001	1x1.5 sq.mm	m	12.35	12.38	13.59
WM0002	2x1.5 sq.mm	m	14.56	14.62	17.04
WM0003	3x1.5 sq.mm	m	16.78	16.86	20.49
WM0004	4x1.5 sq.mm	m	21.52	21.62	26.47
WM0005	5x1.5 sq.mm	m	23.73	23.86	29.92
WM0006	6x1.5 sq.mm	m	25.94	26.10	33.37
WM0007	7x1.5 sq.mm	m	30.73	30.91	39.39
WM0008	8x1.5 sq.mm	m	32.94	33.15	42.84
WM0009	2x2.5 sq.mm	m	16.96	18.93	21.02
WM0010	3x2.5 sq.mm	m	21.73	24.69	27.82
WM0011	4x2.5 sq.mm	m	26.31	30.25	34.43
WM0012	5x2.5 sq.mm	m	29.72	34.65	39.88
WM0013	6x2.5 sq.mm	m	34.80	40.71	46.98
WM0014	2x4 sq.mm	m	21.71	23.06	23.24
WM0015	3x4 sq.mm	m	30.02	32.04	32.31
WM0016	4x4 sq.mm	m	38.38	41.06	41.43
WM0017	5x4 sq.mm	m	44.17	47.52	47.98
WM0018	2x6 sq.mm	m	24.87	25.52	27.50
WM0019	3x6 sq.mm	m	37.33	38.30	41.28
WM0020	4x6 sq.mm	m	44.69	45.99	49.96

Copper Conductor

Provide & Draw Single Core 1.1KV grade PVC insulated copper conductor cable in existing MS surface conduit

WM0040	1x1 sq.mm	m	21.95	22.05	22.32
WM0041	2x1 sq.mm	m	32.86	33.06	33.60
WM0042	3x1 sq.mm	m	43.77	44.06	44.89
WM0043	4x1 sq.mm	m	56.04	56.43	57.53
WM0044	5x1 sq.mm	m	66.94	67.44	68.81
WM0045	6x1 sq.mm	m	77.85	78.45	80.09
WM0046	7x1 sq.mm	m	91.03	91.72	93.64
WM0047	8x1 sq.mm	m	101.94	102.73	104.92
WM0048	9x1 sq.mm	m	112.85	113.73	116.20
WM0049	2x1.5 sq.mm	m	48.22	48.65	49.09
WM0050	3x1.5 sq.mm	m	66.80	67.45	68.11
WM0051	4x1.5 sq.mm	m	86.75	87.62	88.49
WM0052	5x1.5 sq.mm	m	105.34	106.42	107.52
WM0053	6x1.5 sq.mm	m	123.92	125.23	126.54
WM0054	7x1.5 sq.mm	m	144.77	146.29	147.83
WM0055	8x1.5 sq.mm	m	163.36	165.10	166.85
WM0056	2x2 sq.mm	m	59.57	61.46	62.66
WM0057	3x2 sq.mm	m	83.84	86.67	88.46
WM0058	4x2 sq.mm	m	109.46	113.24	115.63
WM0059	5x2 sq.mm	m	133.73	138.45	141.44
WM0060	6x2 sq.mm	m	160.26	165.93	169.51
WM0061	2x2.5 sq.mm	m	75.37	75.64	77.13
WM0062	3x2.5 sq.mm	m	107.53	107.93	110.18
WM0063	4x2.5 sq.mm	m	141.05	141.59	144.58
WM0064	5x2.5 sq.mm	m	173.21	173.89	177.63
WM0065	6x2.5 sq.mm	m	207.64	208.45	212.94
WM0066	2x4 sq.mm	m	100.24	101.19	101.41
WM0067	3x4 sq.mm	m	144.17	145.58	145.91
WM0068	4x4 sq.mm	m	190.35	192.24	192.68
WM0069	5x4 sq.mm	m	234.27	236.63	237.18
WM0070	2x6 sq.mm	m	138.38	139.84	141.38
WM0071	3x6 sq.mm	m	203.65	205.83	208.14
WM0072	4x6 sq.mm	m	268.35	271.26	274.34

Code	Description	Units	PL	GP	SJ
Wiring for light, fans, call bell and 2 pin light socket outlet with 1 sq.mm 1.1kV grade,PVC insulated copper conductor cable in surface MS conduit including connections,painting,testing and commissioning etc. as required					
WM0095	Short Point	point	628.91	661.75	695.52
WM0096	Medium Point	point	1033.02	1078.57	1124.41
WM0097	Long Point	point	1487.02	1546.94	1607.02
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	662.36	695.71	729.25
WM0106	Medium Point	point	1112.08	1158.85	1204.12
WM0107	Long Point	point	1619.29	1681.26	1740.38
Wiring for 3/5 pin, 6 ampere plug point with 2 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					
WM0115	Short Point	point	992.39	1135.09	1313.07
WM0116	Medium Point	point	1576.92	1702.69	1896.42
WM0117	Long Point	point	2241.42	2346.97	2559.24
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	1026.79	1165.96	1344.60
WM0126	Medium Point	point	1658.24	1775.66	1970.96
WM0127	Long Point	point	2377.47	2469.07	2683.94
Wiring for 3 pin, 6/16 ampere plug point with 4 sq.mm 1.1kV grade, PVC insulated copper conductor cable in surface MS conduit with providing & fixing 3 pin, 6/16 ampere socket outlet and switch including earthing the third pin, connections, painting, testing and commissioning etc. as required					
WM0135	Short Point	point	1273.41	1462.94	1639.34
WM0136	Medium Point	point	1974.72	2144.50	2333.76
WM0137	Long Point	point	2775.45	2921.74	3126.16
Wiring for 5/6 pin, 6/16 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,6/16 ampere socket outlet and switch including earthing the third pin, connections, painting, testing and commissioning etc. as required					
WM0145	Short Point	point	1486.95	1624.77	1820.60
WM0146	Medium Point	point	2174.22	2289.88	2497.40
WM0147	Long Point	point	2974.95	3067.12	3289.79
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	1273.41	1462.94	1639.34
WM0156	Medium Point	point	1974.72	2144.50	2333.76
WM0157	Long Point	point	2775.45	2921.74	3126.16
Wiring for twin light point with 1 sq.mm 1.1kV grade, PVC insulated copper conductor cable in surface MS conduit with 2 way 6 ampere switch including earthing third pin, connections, painting, testing and commissioning etc. as required					
WM0165	Short Point	point	686.24	714.14	757.83
WM0166	Medium Point	point	1122.75	1163.66	1220.23
WM0167	Long Point	point	1614.56	1670.18	1741.93

Code	Description	Units	PL	GP	SJ
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	736.41	765.09	808.41
WM0176	Medium Point	point	1241.34	1284.08	1339.80
WM0177	Long Point	point	1812.97	1871.66	1941.98
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					
WM0185	2x1 sq.mm	m	143.21	148.20	153.06
WM0186	2x1.5 sq.mm	m	158.57	163.79	168.55
WM0187	2x4 sq.mm	m	212.53	218.26	222.79
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					
WM0195	2x2 sq.mm	m	169.93	176.60	182.11
WM0196	2x2.5 sq.mm	m	185.72	190.78	196.59
Wiring for power circuit with 1.1kV grade, PVC insulated copper conductor cable in surface MS conduit including connections, painting, testing and commissioning etc. as required					
WM0205	2x4 sq.mm	m	212.53	218.26	222.79
Wiring for sub-main with 1.1kV grade, PVC insulated copper conductor cable in surface MS conduit including connections, painting, testing and commissioning etc. as required					
WM0210	2x6 sq.mm	m	270.96	286.34	292.92
WM0211	2x10 sq.mm	m	402.81	416.30	420.70
WM0212	2x16 sq.mm	m	500.88	514.39	518.65
WM0213	4x6 sq.mm	m	406.69	421.68	428.74
WM0214	4x10 sq.mm	m	634.82	649.49	657.36
WM0215	4x16 sq.mm	m	901.11	909.94	914.81
Wiring for light, fans, call bell and 2 pin light socket outlet with 1 sq.mm 1.1kV grade, PVC insulated copper conductor cable in recessed MS conduit including connections, painting, testing and commissioning etc. as required					
WM0230	Short Point	point	817.10	849.94	883.72
WM0231	Medium Point	point	1289.74	1335.29	1381.13
WM0232	Long Point	point	1798.68	1858.61	1918.69
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 MS conduit including connections, painting, testing and commissioning etc. as required					
WM0240	Short Point	point	850.55	883.91	917.44
WM0241	Medium Point	point	1347.75	1393.99	1438.80
WM0242	Long Point	point	1930.96	1992.93	2052.05
Wiring for 3/5 pin, 6 ampere plug point with 2 sq.mm 1.1kV grade, PVC insulated copper conductor cable in recessed MS 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					
WM0250	Short Point	point	1180.58	1323.28	1501.26
WM0251	Medium Point	point	1833.65	1959.41	2153.15
WM0252	Long Point	point	2553.09	2658.64	2870.91
Wiring for 3/5 pin, 6 ampere plug point with 2.5 sq.mm 1.1kV grade, PVC insulated copper conductor cable in recessed MS 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					
WM0260	Short Point	point	1214.98	1354.16	1532.80
WM0261	Medium Point	point	1914.96	2032.39	2227.68
WM0262	Long Point	point	2689.14	2780.73	2995.61

Code	Description	Units	PL	GP	SJ
Wiring for 3 pin, 6/16 ampere plug point with 4 sq.mm 1.1kV grade, PVC insulated copper conductor cable in recessed MS conduit with providing and fixing 3 pin, 6/16 ampere socket outlet and switch including earthing the third pin, connections, painting, testing and commissioning etc. as required					
WM0270	Short Point	point	1475.64	1667.58	1845.16
WM0271	Medium Point	point	2231.44	2401.23	2590.48
WM0272	Long Point	point	3087.12	3233.41	3437.83
Wiring for 5/6 pin, 6/16 ampere plug point with 4 sq.mm 1.1kV grade, PVC insulated copper conductor cable in recessed MS conduit with providing and fixing 5/6 pin, 6/16 ampere socket outlet and switch including earthing the third pin, connections, painting, testing and commissioning etc. as required					
WM0280	Short Point	point	1666.49	1801.84	1997.95
WM0281	Medium Point	point	2430.94	2546.61	2754.12
WM0282	Long Point	point	3286.62	3378.79	3601.46
Wiring for 3 pin, 16 ampere plug point with 4 sq.mm 1.1kV grade, PVC insulated copper conductor cable in recessed MS 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					
WM0290	Short Point	point	1461.61	1651.14	1827.53
WM0291	Medium Point	point	2231.44	2401.23	2590.48
WM0292	Long Point	point	3087.12	3233.41	3437.83
Wiring for twin light point with 1 sq.mm 1.1kV grade, PVC insulated copper conductor cable in recessed MS conduit with 2 way 6 ampere switch including earthing third pin, connections, painting, testing and commissioning etc. as required					
WM0300	Short Point	point	874.43	902.34	946.02
WM0301	Medium Point	point	1236.39	1274.64	1329.23
WM0302	Long Point	point	1614.61	1664.46	1731.91
Wiring for twin light point with 1.5 sq.mm 1.1kV grade, PVC insulated copper conductor cable in recessed MS conduit with 2 way 6 ampere switch including connections, painting, testing and commissioning etc. as required					
WM0310	Short Point	point	924.61	953.29	996.61
WM0311	Medium Point	point	1498.07	1540.80	1596.52
WM0312	Long Point	point	2124.64	2183.33	2253.65
Wiring for points in excess length above long points with 1.1kV grade, PVC insulated copper conductor cable in recessed MS conduit including connections, painting, testing and commissioning etc. as required					
WM0320	2x1 sq.mm	m	160.45	164.24	167.91
WM0321	2x1.5 sq.mm	m	175.80	179.84	183.40
WM0322	2x4 sq.mm	m	232.99	237.53	240.87
Wiring for lighting circuit with 1.1kV grade, PVC insulated copper conductor cable in recessed MS conduit including connections, painting, testing and commissioning etc. as required					
WM0330	2x2 sq.mm	m	187.16	192.65	196.96
WM0331	2x2.5 sq.mm	m	202.95	206.82	211.44
Wiring for power circuit with 1.1kV grade, PVC insulated copper conductor cable in recessed MS conduit including connections, painting, testing and commissioning etc. as required					
WM0340	2x4 sq.mm	m	232.99	237.53	240.87
Wiring for sub-main with 1.1kV grade, PVC insulated copper conductor cable in recessed MS conduit including connections, painting, testing and commissioning etc. as required					
WM0350	2x6 sq.mm	m	291.42	305.61	311.00
WM0351	2x10 sq.mm	m	424.27	436.57	439.78
WM0352	2x16 sq.mm	m	522.34	534.66	537.73
WM0353	4x6 sq.mm	m	450.75	464.56	470.41
WM0354	4x10 sq.mm	m	646.68	660.16	666.83
WM0355	4x16 sq.mm	m	912.97	920.61	924.29

Code	Description	Units	PL	GP	SJ
------	-------------	-------	----	----	----

PVC CONDUIT WIRING

Aluminium conductor

Provide & Draw Single Core 440V grade PVC insulated Aluminium conductor cable in existing PVC surface conduit

WC0001	1x1.5 sq.mm	m	13.07	13.10	12.28
WC0002	2x1.5 sq.mm	m	15.29	15.34	15.73
WC0003	3x1.5 sq.mm	m	17.50	17.58	19.19
WC0004	4x1.5 sq.mm	m	20.17	20.27	23.01
WC0005	5x1.5 sq.mm	m	22.38	22.51	26.46
WC0006	6x1.5 sq.mm	m	24.60	24.75	29.91
WC0007	7x1.5 sq.mm	m	29.07	29.26	35.20
WC0008	8x1.5 sq.mm	m	31.29	31.50	38.66
WC0009	2x2.5 sq.mm	m	15.87	17.85	18.25
WC0010	3x2.5 sq.mm	m	20.64	23.60	24.79
WC0011	4x2.5 sq.mm	m	24.96	28.90	30.97
WC0012	5x2.5 sq.mm	m	28.37	33.30	36.42
WC0013	6x2.5 sq.mm	m	33.14	39.06	42.96
WC0014	2x4 sq.mm	m	20.63	21.97	20.46
WC0015	3x4 sq.mm	m	28.68	30.69	28.85
WC0016	4x4 sq.mm	m	35.37	38.06	36.14
WC0017	5x4 sq.mm	m	42.52	45.87	43.79
WC0018	2x6 sq.mm	m	26.05	26.69	26.57
WC0019	3x6 sq.mm	m	33.41	34.39	35.25
WC0020	4x6 sq.mm	m	43.04	44.34	45.77

Copper Conductor

Provide & Draw Single Core 1.1KV grade PVC insulated copper conductor cable in existing PVC surface conduit

WC0040	1x1 sq.mm	m	19.96	20.06	18.64
WC0041	2x1 sq.mm	m	30.87	31.06	29.92
WC0042	3x1 sq.mm	m	41.78	42.07	41.21
WC0043	4x1 sq.mm	m	54.95	55.34	54.33
WC0044	5x1 sq.mm	m	65.86	66.35	65.61
WC0045	6x1 sq.mm	m	76.77	77.36	76.89
WC0046	7x1 sq.mm	m	89.94	90.63	90.01
WC0047	8x1 sq.mm	m	100.85	101.64	101.30
WC0048	9x1 sq.mm	m	111.76	112.65	112.58
WC0049	2x1.5 sq.mm	m	46.22	46.66	45.41
WC0050	3x1.5 sq.mm	m	64.81	65.46	64.43
WC0051	4x1.5 sq.mm	m	85.66	86.53	85.29
WC0052	5x1.5 sq.mm	m	104.25	105.34	104.32
WC0053	6x1.5 sq.mm	m	122.84	124.14	123.34
WC0054	7x1.5 sq.mm	m	143.69	145.21	144.20
WC0055	8x1.5 sq.mm	m	162.27	164.01	163.23
WC0056	2x2 sq.mm	m	57.58	59.47	58.97
WC0057	3x2 sq.mm	m	83.21	86.04	85.89
WC0058	4x2 sq.mm	m	107.92	111.70	112.06
WC0059	5x2 sq.mm	m	132.64	137.37	138.24
WC0060	6x2 sq.mm	m	157.36	163.03	164.41
WC0061	2x2.5 sq.mm	m	73.37	73.65	73.45
WC0062	3x2.5 sq.mm	m	106.90	107.30	107.60
WC0063	4x2.5 sq.mm	m	139.51	140.05	141.02
WC0064	5x2.5 sq.mm	m	172.13	172.80	174.43
WC0065	6x2.5 sq.mm	m	204.74	205.55	207.84
WC0066	2x4 sq.mm	m	98.25	99.19	97.47
WC0067	3x4 sq.mm	m	142.63	144.04	142.34
WC0068	4x4 sq.mm	m	187.45	189.34	187.58
WC0069	5x4 sq.mm	m	231.83	234.19	232.46
WC0070	2x6 sq.mm	m	136.84	138.30	137.81
WC0071	3x6 sq.mm	m	200.75	202.94	203.05
WC0072	4x6 sq.mm	m	264.64	267.55	268.26

Code	Description	Units	PL	GP	SJ
Provide & Draw Single Core 1.1KV grade PVC insulated copper conductor cable in existing PVC concealed conduit					
WC0095	1x1 sq.mm	m	25.93	26.03	23.93
WC0096	2x1 sq.mm	m	36.84	37.04	35.22
WC0097	3x1 sq.mm	m	47.75	48.04	46.50
WC0098	4x1 sq.mm	m	61.84	62.24	60.46
WC0099	5x1 sq.mm	m	72.75	73.25	71.74
WC0100	6x1 sq.mm	m	83.66	84.25	83.02
WC0101	7x1 sq.mm	m	97.76	98.45	96.98
WC0102	8x1 sq.mm	m	108.66	109.45	108.27
WC0103	9x1 sq.mm	m	119.57	120.46	119.55
WC0104	2x1.5 sq.mm	m	52.19	52.63	50.70
WC0105	3x1.5 sq.mm	m	70.78	71.43	69.72
WC0106	4x1.5 sq.mm	m	92.55	93.42	91.42
WC0107	5x1.5 sq.mm	m	111.14	112.23	110.45
WC0108	6x1.5 sq.mm	m	129.73	131.03	129.47
WC0109	7x1.5 sq.mm	m	151.50	153.02	151.17
WC0110	8x1.5 sq.mm	m	170.09	171.83	170.20
WC0111	2x2 sq.mm	m	66.74	68.63	66.95
WC0112	3x2 sq.mm	m	91.00	93.84	92.75
WC0113	4x2 sq.mm	m	118.45	122.23	121.24
WC0114	5x2 sq.mm	m	142.72	147.44	147.05
WC0115	6x2 sq.mm	m	166.99	172.65	172.86
WC0116	2x2.5 sq.mm	m	82.53	82.80	81.42
WC0117	3x2.5 sq.mm	m	114.69	115.10	114.47
WC0118	4x2.5 sq.mm	m	150.04	150.58	150.19
WC0119	5x2.5 sq.mm	m	182.20	182.88	183.24
WC0120	6x2.5 sq.mm	m	214.37	215.18	216.29
WC0121	2x4 sq.mm	m	109.23	110.18	107.02
WC0122	3x4 sq.mm	m	154.97	156.38	152.99
WC0123	4x4 sq.mm	m	200.26	202.15	198.70
WC0124	5x4 sq.mm	m	245.09	247.45	243.94
WC0125	2x6 sq.mm	m	147.37	148.83	146.99
WC0126	3x6 sq.mm	m	212.66	214.84	213.43
WC0127	4x6 sq.mm	m	277.44	280.36	279.38
Wiring for light, fans, call bell and 2 pin light socket outlet with 1 sq.mm 1.1kv grade, PVC insulated copper conductor cable in PVC surface conduit including connections, painting, testing and commissioning etc. as required					
WC0150	Short Point	point	564.90	591.26	595.62
WC0151	Medium Point	point	803.92	838.93	829.75
WC0152	Long Point	point	1099.04	1144.36	1116.88
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	598.35	625.23	629.34
WC0161	Medium Point	point	882.99	919.21	909.46
WC0162	Long Point	point	1231.32	1278.67	1250.25
Wiring for 3/5 pin, 6 ampere plug point with 2 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					
WC0170	Short Point	point	942.10	1081.69	1230.51
WC0171	Medium Point	point	1379.10	1500.69	1641.16
WC0172	Long Point	point	1905.77	2006.68	2134.94
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	976.50	1112.56	1262.05
WC0181	Medium Point	point	1460.41	1573.67	1715.69
WC0182	Long Point	point	2041.81	2128.78	2259.65
Wiring for 3 pin, 6/16 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, 6/16 ampere socket outlet and switch including earthing the third pin, connections, painting, testing and commissioning etc. as required					
WC0190	Short Point	point	1225.12	1412.99	1558.68
WC0191	Medium Point	point	1778.89	1945.95	2080.39
WC0192	Long Point	point	2441.79	2584.90	2703.76

Code	Description	Units	PL	GP	SJ
Wiring for 5/6 pin, 6/16 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, 6/16 ampere socket outlet and switch including earthing the third pin, connections, painting, testing and commissioning etc. as required					
WC0200	Short Point	point	1424.62	1558.37	1722.32
WC0201	Medium Point	point	1978.39	2091.33	2244.03
WC0202	Long Point	point	2641.29	2730.28	2867.40
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	1225.12	1412.99	1558.68
WC0211	Medium Point	point	1778.89	1945.95	2080.39
WC0212	Long Point	point	2441.79	2584.90	2703.76
Wiring for twin light point with 1 sq.mm 1.1kV grade, PVC insulated copper conductor cable in PVC surface conduit with 2 way 6 ampere switch including earthing third pin, connections, painting, testing and commissioning etc. as required					
WC0220	Short Point	point	622.01	645.34	659.42
WC0221	Medium Point	point	910.99	946.26	949.11
WC0222	Long Point	point	1264.96	1314.49	1301.78
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	672.19	696.29	710.01
WC0231	Medium Point	point	1029.58	1066.68	1068.68
WC0232	Long Point	point	1463.38	1515.96	1501.83
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					
WC0240	2x1 sq.mm	m	84.93	88.50	84.77
WC0241	2x1.5 sq.mm	m	100.28	104.09	100.25
WC0242	2x4 sq.mm	m	160.06	164.38	158.79
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					
WC0250	2x2 sq.mm	m	111.64	116.91	113.82
WC0251	2x2.5 sq.mm	m	127.43	131.08	128.30
Wiring for power circuit with 1.1kV grade, PVC insulated copper conductor cable in PVC surface conduit including connections, painting, testing and commissioning etc. as required					
WC0260	2x4 sq.mm	m	160.06	164.38	158.79
Wiring for sub-main with 1.1kV grade, PVC insulated copper conductor cable in PVC surface conduit including connections, painting, testing and commissioning etc. as required					
WC0270	2x6 sq.mm	m	206.51	212.28	211.54
WC0271	2x10 sq.mm	m	345.75	352.19	350.11
WC0272	2x16 sq.mm	m	443.82	450.28	448.06
WC0273	4x6 sq.mm	m	359.94	367.89	369.57
WC0274	4x10 sq.mm	m	601.17	608.87	611.12
WC0275	4x16 sq.mm	m	858.75	872.06	873.98
Wiring for light, fans, call bell and 2 pin light socket outlet with 1 sq.mm 1.1kV grade, PVC insulated copper conductor cable in recessed HDPE pipe including connections, painting, testing and commissioning etc. as required					
WC0290	Short Point	point	757.88	792.67	767.70
WC0291	Medium Point	point	1156.90	1208.09	1156.26
WC0292	Long Point	point	1575.23	1645.49	1569.33
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					
WC0300	Short Point	point	791.33	826.63	801.43
WC0301	Medium Point	point	1235.96	1288.38	1235.97
WC0302	Long Point	point	1707.51	1779.80	1702.70

Code	Description	Units	PL	GP	SJ
Wiring for 3/5 pin, 6 ampere plug point with 2 sq.mm 1.1kV grade, PVC insulated copper conductor cable in recessed HDPE pipe 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					
WC0310	Short Point	point	1315.73	1528.16	1734.54
WC0311	Medium Point	point	1716.30	1848.43	1945.16
WC0312	Long Point	point	2345.13	2461.73	2538.45
Wiring for 3/5 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 3/5 pin, 6 ampere socket outlet and switch including earthing the third pin, connections, painting, testing and commissioning etc. as required					
WC0320	Short Point	point	1171.25	1313.10	1433.67
WC0321	Medium Point	point	1797.61	1921.41	2019.70
WC0322	Long Point	point	2481.17	2583.83	2663.15
Wiring for 3 pin, 6/16 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, 6/16 ampere socket outlet and switch including earthing the third pin, connections, painting, testing and commissioning etc. as required					
WC0330	Short Point	point	1417.88	1610.08	1728.41
WC0331	Medium Point	point	2114.09	2290.25	2382.50
WC0332	Long Point	point	2879.16	3036.50	3105.37
Wiring for 5/6 pin, 6/16 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, 6/16 ampere socket outlet and switch including earthing the third pin, connections, painting, testing and commissioning etc. as required					
WC0340	Short Point	point	1617.38	1755.46	1892.04
WC0341	Medium Point	point	2313.59	2435.63	2546.14
WC0342	Long Point	point	3078.66	3181.88	3269.00
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					
WC0350	Short Point	point	1417.88	1610.08	1728.41
WC0351	Medium Point	point	2114.09	2290.25	2382.50
WC0352	Long Point	point	2879.16	3036.50	3105.37
Wiring for twin light point with 1 sq.mm 1.1kV grade, PVC insulated copper conductor cable in recessed HDPE pipe with 2 way 6 ampere switch including earthing third pin, connections, painting, testing and commissioning etc. as required					
WC0360	Short Point	point	815.21	845.06	830.01
WC0361	Medium Point	point	1246.63	1293.19	1252.08
WC0362	Long Point	point	1702.77	1768.73	1704.25
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					
WC0370	Short Point	point	865.39	896.01	880.59
WC0371	Medium Point	point	1365.22	1413.61	1371.65
WC0372	Long Point	point	1901.19	1970.20	1904.30
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					
WC0380	2x1 sq.mm	m	124.48	130.53	124.73
WC0381	2x1.5 sq.mm	m	139.83	146.13	140.21
WC0382	2x4 sq.mm	m	196.88	203.69	196.37
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					
WC0390	2x2 sq.mm	m	151.19	158.94	153.78
WC0391	2x2.5 sq.mm	m	166.98	173.11	168.26
Wiring for power circuit with 1.1kV grade, PVC insulated copper conductor cable in recessed HDPE pipe including connections, painting, testing and commissioning etc. as required					
WC0400	2x4 sq.mm	m	196.88	203.69	196.37

Code	Description	Units	PL	GP	SJ
Wiring for sub-main with 1.1kV grade, PVC insulated copper conductor cable in recessed HDPE pipe including connections, painting, testing and commissioning etc. as required					
WC0410	2x6 sq.mm	m	246.57	255.06	249.89
WC0411	2x10 sq.mm	m	379.48	390.71	381.98
WC0412	2x16 sq.mm	m	477.55	488.80	479.92
WC0413	4x6 sq.mm	m	405.83	418.56	411.49
WC0414	4x10 sq.mm	m	647.42	673.96	663.67
WC0415	4x16 sq.mm	m	893.27	917.84	914.27

Code	Description	Units	PL	GP	SJ
------	-------------	-------	----	----	----

STAINLESS STEEL CONDUIT WIRING

Copper conductor

Provide & Draw Single Core 1.1KV grade PVC insulated copper conductor cable in existing Steel surface conduit

WS0001	1x1 sq.mm	m	20.86	20.96	21.24
WS0002	2x1 sq.mm	m	31.77	31.97	32.52
WS0003	3x1 sq.mm	m	42.68	42.98	43.80
WS0004	4x1 sq.mm	m	54.95	55.34	56.44
WS0005	5x1 sq.mm	m	65.86	66.35	67.72
WS0006	6x1 sq.mm	m	76.77	77.36	79.00
WS0007	7x1 sq.mm	m	89.94	90.63	92.55
WS0008	8x1 sq.mm	m	100.85	101.64	103.83
WS0009	9x1 sq.mm	m	111.76	112.65	115.11
WS0010	2x1.5 sq.mm	m	47.13	47.56	48.00
WS0011	3x1.5 sq.mm	m	65.72	66.37	67.02
WS0012	4x1.5 sq.mm	m	85.66	86.53	87.41
WS0013	5x1.5 sq.mm	m	104.25	105.34	106.43
WS0014	6x1.5 sq.mm	m	122.84	124.14	125.45
WS0015	7x1.5 sq.mm	m	143.69	145.21	146.74
WS0016	8x1.5 sq.mm	m	162.27	164.01	165.76
WS0017	2x2 sq.mm	m	58.49	60.38	61.57
WS0018	3x2 sq.mm	m	82.75	85.59	87.38
WS0019	4x2 sq.mm	m	108.38	112.16	114.54
WS0020	5x2 sq.mm	m	132.64	137.37	140.35
WS0021	6x2 sq.mm	m	159.17	164.84	168.42
WS0022	2x2.5 sq.mm	m	74.28	74.55	76.05
WS0023	3x2.5 sq.mm	m	106.44	106.85	109.09
WS0024	4x2.5 sq.mm	m	139.96	140.50	143.50
WS0025	5x2.5 sq.mm	m	172.13	172.80	176.54
WS0026	6x2.5 sq.mm	m	206.55	207.36	211.85
WS0027	2x4 sq.mm	m	99.16	100.10	100.32
WS0028	3x4 sq.mm	m	143.08	144.49	144.82
WS0029	4x4 sq.mm	m	189.26	191.15	191.59
WS0030	5x4 sq.mm	m	233.19	235.55	236.10
WS0031	2x6 sq.mm	m	137.29	138.75	140.29
WS0032	3x6 sq.mm	m	202.56	204.75	207.05
WS0033	4x6 sq.mm	m	267.26	270.17	273.25

Wiring for light, fans, call bell and 2 pin light socket outlet with 1 sq.mm 1.1kV grade, PVC insulated copper conductor cable in stainless steel conduit including connections, painting, testing and commissioning etc. as required

WS0055	Short Point	point	617.08	648.95	683.05
WS0056	Medium Point	point	939.93	983.08	1029.72
WS0057	Long Point	point	1326.53	1382.36	1443.79

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	650.53	682.92	716.77
WS0066	Medium Point	point	1018.99	1063.36	1109.43
WS0067	Long Point	point	1458.80	1516.67	1577.16

Wiring for 3/5 pin, 6 ampere plug point with 2 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

WS0075	Short Point	point	980.55	1122.30	1300.59
WS0076	Medium Point	point	1483.83	1607.20	1801.73
WS0077	Long Point	point	2080.94	2182.39	2396.02

Code	Description	Units	PL	GP	SJ
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	1014.96	1153.17	1332.13
WS0086	Medium Point	point	1565.15	1680.17	1876.26
WS0087	Long Point	point	2216.98	2304.48	2520.72
Wiring for 3 pin, 6/16 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, 6/16 ampere socket outlet and switch including earthing the third pin, connections, painting, testing and commissioning etc. as required					
WS0095	Short Point	point	1261.58	1450.15	1626.86
WS0096	Medium Point	point	1881.63	2049.01	2239.07
WS0097	Long Point	point	2614.96	2757.16	2962.94
Wiring for 5/6 pin, 6/16 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, 6/16 ampere socket outlet and switch including earthing the third pin, connections, painting, testing and commissioning etc. as required					
WS0105	Short Point	point	1461.08	1595.53	1790.50
WS0106	Medium Point	point	2081.13	2194.39	2402.70
WS0107	Long Point	point	2814.46	2902.54	3126.57
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	1261.58	1450.15	1626.86
WS0116	Medium Point	point	1881.63	2049.01	2239.07
WS0117	Long Point	point	2614.96	2757.16	2962.94
Wiring for twin light point with 1 sq.mm 1.1kV grade, PVC insulated copper conductor cable in stainless steel conduit with 2 way 6 ampere switch including earthing third pin, connections, painting, testing and commissioning etc. as required					
WS0125	Short Point	point	674.41	701.35	745.35
WS0126	Medium Point	point	1029.66	1068.17	1125.53
WS0127	Long Point	point	1454.07	1505.60	1578.71
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	724.58	752.30	795.94
WS0136	Medium Point	point	1148.25	1188.59	1245.10
WS0137	Long Point	point	1652.48	1707.07	1778.75
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					
WS0145	2x1 sq.mm	m	118.86	123.16	128.19
WS0146	2x1.5 sq.mm	m	134.22	138.75	143.67
WS0147	2x4 sq.mm	m	194.00	199.04	203.74
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					
WS0155	2x2 sq.mm	m	145.57	151.57	157.24
WS0156	2x2.5 sq.mm	m	161.37	165.74	171.72
Wiring for power circuit with 1.1kV grade, PVC insulated copper conductor cable in stainless steel conduit including connections, painting, testing and commissioning etc. as required					
WS0165	2x4 sq.mm	m	194.00	199.04	203.74

Code	Description	Units	PL	GP	SJ
Wiring for sub-main with 1.1kV grade, PVC insulated copper conductor cable in stainless steel conduit including connections, painting, testing and commissioning etc. as required					
WS0175	2x6 sq.mm	m	240.22	245.86	252.04
WS0176	2x10 sq.mm	m	389.65	395.60	401.36
WS0177	2x16 sq.mm	m	487.72	493.69	499.31
WS0178	4x6 sq.mm	m	403.85	411.30	419.71
WS0179	4x10 sq.mm	m	666.00	673.79	680.89
WS0180	4x16 sq.mm	m	913.34	921.68	929.53

Code	Description	Units	PL	GP	SJ
RE-WIRING					
Rewiring in PVC/HDPE/MS Conduit (Recessed)					
Rewiring of light, fans, call bell and 2 pin 6 ampere plug point with 1 sq.mm 1.1kV grade, PVC insulated copper conductor cable on existing HDPE/MS recessed conduit including dismantling as per site requirement, painting, testing and commissioning etc. as required					
WR0115	Short Point	point	124.44	124.87	126.06
WR0116	Medium Point	point	261.63	262.65	265.47
WR0117	Long Point	point	414.15	415.85	420.57
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 HDPE/MS recessed conduit including dismantling as per site requirement, painting, testing and commissioning etc. as required					
WR0125	Short Point	point	157.89	158.83	159.79
WR0126	Medium Point	point	340.69	342.93	345.18
WR0127	Long Point	point	546.43	550.17	553.94
Rewiring for 3/5 pin, 6 ampere plug point with 2 sq.mm 1.1kV grade, PVC insulated copper conductor cable on existing HDPE/MS recessed conduit including dismantling as per site requirement, painting, testing and commissioning etc. as required					
WR0135	Short Point	point	182.63	186.74	189.34
WR0136	Medium Point	point	399.17	408.90	415.04
WR0137	Long Point	point	644.26	660.54	670.82
Rewiring for 3/5 pin, 6 ampere plug point with 2.5 sq.mm 1.1kV grade, PVC insulated copper conductor cable on existing HDPE/MS recessed conduit including dismantling as per site requirement, painting, testing and commissioning etc. as required					
WR0145	Short Point	point	217.03	217.62	220.87
WR0146	Medium Point	point	480.48	481.87	489.58
WR0147	Long Point	point	780.30	782.63	795.52
Rewiring for twin light point with 1 sq.mm 1.1kV grade, PVC insulated copper conductor cable on existing HDPE/MS recessed conduit including dismantling as per site requirement, painting, testing and commissioning etc. as required					
WR0155	Short Point	point	148.20	148.85	150.64
WR0156	Medium Point	point	317.80	319.33	323.56
WR0157	Long Point	point	508.13	510.68	517.76
Rewiring for twin light point with 1.5 sq.mm 1.1kV grade, PVC insulated copper conductor cable on existing HDPE/MS recessed conduit including dismantling as per site requirement, painting, testing and commissioning etc. as required					
WR0165	Short Point	point	198.37	199.79	201.22
WR0166	Medium Point	point	436.39	439.75	443.13
WR0167	Long Point	point	706.54	712.15	717.81
Rewiring for 3/5 pin, 6 /16 ampere /3 pin 16 ampere plug point with 4 sq.mm 1.1kV grade, PVC insulated copper conductor cable on existing HDPE/MS recessed conduit including dismantling as per site requirement, painting, testing and commissioning etc. as required					
WR0175	Short Point	point	268.26	270.31	270.79
WR0176	Medium Point	point	601.57	606.43	607.56
WR0177	Long Point	point	982.90	991.03	992.92
Rewiring for points in excess length above long points with 1.1kV grade, PVC insulated copper conductor cable on existing HDPE/MS recessed conduit including dismantling as per site requirement, painting, testing and commissioning etc. as required					
WR0185	2x1 sq.mm	m	42.18	42.38	42.92
WR0186	2x1.5 sq.mm	m	57.53	57.97	58.41
WR0187	2x4 sq.mm	m	110.47	111.41	111.63

Code	Description	Units	PL	GP	SJ
Rewiring for lighting circuit with 1.1kV grade, PVC insulated copper conductor cable on existing HDPE/MS recessed conduit including dismantling as per site requirement, painting, testing and commissioning etc. as required					
WR0200	2x2 sq.mm	m	68.89	70.78	71.97
WR0201	2x2.5 sq.mm	m	84.68	84.96	86.45
Rewiring for sub-main with 1.1kV grade, PVC insulated copper conductor cable on existing HDPE/MS recessed conduit including dismantling as per site requirement, painting, testing and commissioning etc. as required					
WR0215	2x6 sq.mm	m	148.60	150.06	151.60
WR0216	2x10 sq.mm	m	256.61	258.02	258.45
WR0217	2x16 sq.mm	m	354.86	356.29	356.58
WR0218	4x6 sq.mm	m	277.94	280.85	283.93
WR0219	4x10 sq.mm	m	490.15	492.97	493.82
WR0220	4x16 sq.mm	m	686.29	689.15	689.72
Rewiring in PVC Casing & Capping					
Rewiring of light, fans, call bell and 2 pin light socket outlet with 1 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					
WR0230	Short Point	point	104.08	104.51	104.08
WR0231	Medium Point	point	225.44	226.46	229.28
WR0232	Long Point	point	368.91	370.61	375.33
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	137.53	138.47	139.43
WR0241	Medium Point	point	304.50	306.74	308.99
WR0242	Long Point	point	501.19	504.93	508.70
Rewiring for 3/5 pin, 6 ampere plug point with 2 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					
WR0250	Short Point	point	162.27	166.38	168.98
WR0251	Medium Point	point	362.98	372.70	378.85
WR0252	Long Point	point	599.02	615.30	625.58
Rewiring for 3/5 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	196.67	197.26	200.52
WR0261	Medium Point	point	444.29	445.68	453.38
WR0262	Long Point	point	735.06	737.39	750.28
Rewiring for twin light point with 1 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					
WR0270	Short Point	point	127.84	128.49	130.28
WR0271	Medium Point	point	281.61	283.13	287.37
WR0272	Long Point	point	462.89	465.44	472.52
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	178.02	179.44	180.86
WR0281	Medium Point	point	400.20	403.56	406.93
WR0282	Long Point	point	661.30	666.91	672.57
Rewiring for 3/5 pin, 6 /16 ampere /3 pin 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	247.90	249.95	250.43
WR0291	Medium Point	point	565.38	570.24	571.37
WR0292	Long Point	point	937.66	945.78	947.68

Code	Description	Units	PL	GP	SJ
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					
WR0300	2x1 sq.mm	m	35.57	35.77	36.32
WR0301	2x1.5 sq.mm	m	50.93	51.36	51.80
WR0302	2x4 sq.mm	m	103.14	104.08	104.30
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					
WR0315	2x2 sq.mm	m	62.29	64.18	65.37
WR0316	2x2.5 sq.mm	m	78.08	78.35	79.85
Rewiring for sub-main 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					
WR0330	2x6 sq.mm	m	141.28	142.73	144.27
WR0331	2x10 sq.mm	m	247.56	248.97	249.40
WR0332	2x16 sq.mm	m	345.63	347.06	347.35
Rewiring in PVC/MS Conduit (Surface)					
Rewiring of light, fans, call bell and 2 pin light socket outlet with 1 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					
WR0345	Short Point	point	116.55	116.98	118.17
WR0346	Medium Point	point	252.60	253.62	256.44
WR0347	Long Point	point	428.42	430.12	434.84
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	150.00	150.94	151.90
WR0356	Medium Point	point	331.67	333.90	336.15
WR0357	Long Point	point	560.70	564.44	568.21
Rewiring for 3/5 pin, 6 ampere plug point with 2 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					
WR0365	Short Point	point	174.74	178.85	181.45
WR0366	Medium Point	point	390.14	399.87	406.01
WR0367	Long Point	point	658.53	674.80	685.09
Rewiring for 3/5 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	209.14	209.73	212.99
WR0376	Medium Point	point	471.45	472.84	480.55
WR0377	Long Point	point	794.57	796.90	809.79
Rewiring for twin light point with 1 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					
WR0385	Short Point	point	140.31	140.96	142.75
WR0386	Medium Point	point	308.77	310.30	314.53
WR0387	Long Point	point	522.40	524.95	532.03
Rewiring for twin light point 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					
WR0395	Short Point	point	190.49	191.91	193.34
WR0396	Medium Point	point	427.36	430.72	434.10
WR0397	Long Point	point	720.81	726.42	732.08

Code	Description	Units	PL	GP	SJ
Rewiring for 3/5 pin, 6 /16 ampere /3 pin 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	260.37	262.42	262.90
WR0406	Medium Point	point	592.54	597.40	598.53
WR0407	Long Point	point	997.17	1005.29	1007.19
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					
WR0415	2x1 sq.mm	m	42.27	42.47	43.02
WR0416	2x1.5 sq.mm	m	57.63	58.06	58.50
WR0417	2x4 sq.mm	m	109.64	110.59	110.81
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					
WR0430	2x2 sq.mm	m	68.99	70.88	72.07
WR0431	2x2.5 sq.mm	m	84.78	85.05	86.55
Rewiring for sub-main 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					
WR0445	2x6 sq.mm	m	147.78	149.24	150.77
WR0446	2x10 sq.mm	m	253.44	254.85	255.27
WR0447	2x16 sq.mm	m	351.51	352.94	353.22
WR0448	4x6 sq.mm	m	274.02	276.94	280.01
WR0449	4x10 sq.mm	m	486.63	489.45	490.30
WR0450	4x16 sq.mm	m	682.77	685.63	686.20

Code	Description	Units	PL	GP	SJ
------	-------------	-------	----	----	----

CONDUITING/LAYING CASING & CAPPING

PVC Casing & Capping

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

CD0045	13x12x1.2mm	m	53.41	61.17	66.20
CD0046	20x12x1.2mm	m	67.11	72.32	79.18
CD0047	25x10x1.2mm	m	71.95	76.35	85.27
CD0048	32x10x1.2mm	m	84.05	88.66	94.09
CD0049	40x10x1.2mm	m	102.97	120.15	132.76
CD0050	50x10x1.2mm	m	129.87	136.85	144.86

Supplying and fixing of PVC casing & capping on surface for light /call bell/fan/ 2 pin socket outlet/ 3/5 pin 6 ampere plug point along with all accessories such as switch board, round block, cup washer, screws, bends, elbows, Tees, corners, etc. complete as required

CD0060	Short Point	point	250.34	272.10	288.10
CD0061	Medium Point	point	378.26	422.87	453.55
CD0062	Long Point	point	532.77	603.85	651.47

Supplying and fixing of PVC casing & capping on surface for twin control light point with all accessories such as switch board, round block, cup washer, screws, bends, elbows, Tees, corners, etc. complete as required

CD0070	Short Point	point	277.75	294.40	314.06
CD0071	Medium Point	point	446.76	478.60	518.45
CD0072	Long Point	point	649.23	698.59	761.79

Supplying and fixing of PVC casing & capping on surface for 3/5 pin 6/16 ampere plug point along with all accessories such as switch board, round block, cup washer, screws, bends, elbows, Tees, corners, etc. complete as required

CD0080	Short Point	point	304.33	323.66	343.72
CD0081	Medium Point	point	473.34	507.87	548.11
CD0082	Long Point	point	675.81	727.86	791.46

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

CD0090	20mm	m	62.91	67.01	67.51
CD0091	25mm	m	73.05	78.09	82.13
CD0092	32mm	m	97.89	103.65	109.00
CD0093	40mm	m	125.98	131.57	140.49
CD0094	50mm	m	188.83	200.00	209.21

Supplying and fixing of PVC conduit on surface for light call bell/fan/ 2 pin socket outlet along all accessories such as switch board, round block, screws, bends, elbows, Tees, corners, etc. complete as required

CD0105	Short Point	point	256.24	269.61	278.64
CD0106	Medium Point	point	445.23	470.51	479.89
CD0107	Long Point	point	633.15	672.85	683.23

Supplying and fixing of PVC conduit on surface for twin control light point along with all accessories such as switch board, screws, bends, elbows, Tees, corners, etc. complete as required

CD0115	Short Point	point	256.24	269.61	278.64
CD0116	Medium Point	point	292.06	311.36	326.14
CD0117	Long Point	point	633.15	672.85	683.23

Supplying and fixing of PVC conduit on surface for 3/5 pin 6/16 ampere 3 pin 16 ampere plug point along with all accessories such as switch board, junction box, screws, bends, elbows, Tees, corners, etc. complete as required

CD0125	Short Point	point	282.82	298.87	308.30
CD0126	Medium Point	point	318.64	340.63	355.80
CD0127	Long Point	point	659.73	702.12	712.90

Code	Description	Units	PL	GP	SJ
Stainless 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					
CD0135	20mm	m	88.09	91.69	95.68
CD0136	25mm	m	98.01	101.69	105.84
CD0137	32mm	m	133.04	137.08	141.92
CD0138	40mm	m	183.46	187.93	193.69
CD0139	50mm	m	234.66	239.64	246.43
Supplying and fixing of Stainless steel conduit on surface for light call bell/fan/ 2 pin socket outlet along all accessories such as switch board, junction box, screws, bends, elbows, Tees, corners, etc. complete as required					
CD0150	Short Point	point	318.28	338.38	355.93
CD0151	Medium Point	point	597.89	634.91	670.01
CD0152	Long Point	point	891.47	947.36	1002.68
Supplying and fixing of Stainless steel conduit on surface for twin control light point along with all accessories such as switch board, junction box, screws, bends, elbows, Tees, corners, etc. complete as required					
CD0160	Short Point	point	318.28	338.38	355.93
CD0161	Medium Point	point	367.28	400.18	429.62
CD0162	Long Point	point	891.47	947.36	1002.68
Supplying and fixing of Stainless steel conduit on surface for 3/5 pin 6/16 ampere 3 pin 16 ampere plug point along with all accessories such as switch board, junction box, screws, bends, elbows, Tees, corners, etc. complete as required					
CD0170	Short Point	point	345.10	365.72	385.51
CD0171	Medium Point	point	394.10	427.52	459.20
CD0172	Long Point	point	918.29	974.69	1032.26
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					
CD0180	20mm	m	114.00	118.75	122.41
CD0181	25mm	m	135.17	149.27	153.66
CD0182	32mm	m	160.48	172.75	176.07
CD0183	40mm	m	178.93	190.96	197.33
CD0184	50mm	m	249.06	255.21	258.86
Supplying and fixing of MS conduit on surface for light call bell/fan/ 2 pin socket outlet along all accessories such as switch board, junction box, screws, bends, elbows, Tees, corners, etc. complete as required					
CD0195	Short Point	point	356.63	378.88	385.47
CD0196	Medium Point	point	688.98	720.16	732.73
CD0197	Long Point	point	1041.04	1081.14	1099.50
Supplying and fixing of MS conduit on surface for twin control light point along with all accessories such as switch board, junction box, screws, bends, elbows, Tees, corners, etc. complete as required					
CD0200	Short Point	point	374.59	401.86	413.48
CD0201	Medium Point	point	517.42	552.32	571.06
CD0202	Long Point	point	1102.87	1160.23	1195.90
Supplying and fixing of MS conduit on surface for 3/5 pin 6/16 ampere 3 pin 16 ampere plug point along with all accessories such as switch board, junction box, screws, bends, elbows, Tees, corners, etc. complete as required					
CD0210	Short Point	point	401.41	429.20	443.06
CD0211	Medium Point	point	544.23	579.65	600.63
CD0212	Long Point	point	1129.68	1187.57	1225.48

Code	Description	Units	PL	GP	SJ
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					
CD0220	20mm	m	95.54	100.64	105.26
CD0221	25mm	m	107.10	113.36	118.81
CD0222	32mm	m	131.23	140.29	144.19
CD0223	40mm	m	156.12	179.07	182.68
CD0224	50mm	m	208.33	229.28	240.23
Supplying and fixing of hdpe on recessed for light call bell/fan/ 2 pin socket outlet along all accessories such as switch board, round block, screws, bends, elbows, Tees, corners, etc. complete as required					
CD0235	Short Point	point	416.53	431.17	448.02
CD0236	Medium Point	point	662.53	689.81	717.99
CD0237	Long Point	point	919.42	962.14	1004.20
Supplying and fixing of HDPE pipe on recessed for twin control light point along with all accessories such as switch board, screws, bends, elbows, Tees, corners, etc. complete as required					
CD0245	Short Point	point	416.53	431.17	448.02
CD0246	Medium Point	point	662.53	689.81	717.99
CD0247	Long Point	point	919.42	962.14	1004.20
Supplying and fixing of HDPE pipe on recessed for 3/5 pin 6/16 ampere 3 pin 16 ampere plug point along with all accessories such as switch board, junction box, screws, bends, elbows, Tees, corners, etc. complete as required					
CD0255	Short Point	point	443.11	460.44	477.69
CD0256	Medium Point	point	689.12	719.07	747.66
CD0257	Long Point	point	946.00	991.41	1033.87
M S C o n d u i t (Recessed)					
Supplying and fixing of recessed MS conduit including all accessories such as screws, bends, elbows, Tees, corners, etc. complete as required					
CD0265	20mm	m	140.91	144.85	147.68
CD0266	25mm	m	162.08	175.37	178.94
CD0267	32mm	m	186.19	197.64	200.14
CD0268	40mm	m	204.64	215.85	221.40
CD0269	50mm	m	275.92	281.26	284.08
Supplying and fixing of recessed MS conduit for light call bell/fan/ 2 pin socket outlet along all accessories such as switch board, round block, screws, bends, elbows, Tees, corners, etc. complete as required					
CD0280	Short Point	point	527.04	551.96	561.53
CD0281	Medium Point	point	888.58	922.67	939.46
CD0282	Long Point	point	1284.32	1328.84	1353.88
Supplying and fixing of recessed MS conduit for twin control light point along with all accessories such as switch board, junction box, screws, bends, elbows, Tees, corners, etc. complete as required					
CD0290	Short Point	point	527.04	551.96	561.53
CD0291	Medium Point	point	888.58	922.67	939.46
CD0292	Long Point	point	1284.32	1328.84	1353.88
Supplying and fixing of recessed MS conduit for 3/5 pin 6/16 ampere 3 pin 16 ampere plug point along with all accessories such as switch board, junction box, screws, bends, elbows, Tees, corners, etc. complete as required					
CD0300	Short Point	point	553.86	579.30	591.11
CD0301	Medium Point	point	915.40	950.01	969.03
CD0302	Long Point	point	1311.14	1356.17	1383.45
Supplying and fixing of PVC mini trunking on surface including changeable internal angles, external angles, flat angles etc. complete as required					
CD0310	32x12.5mm	m	131.03	131.03	131.03
CD0311	32x16 mm	m	138.52	138.52	138.52
CD0312	32x20 mm	m	155.55	155.55	155.55

Code	Description	Units	PL	GP	SJ
Supplying & fixing of PVC mini trunking on surface for light/call bell/fan/2-pin socket outlet/3/5-pin 6A plug point along with all accessories such as changeable internal/external/flat angles, flat junction, end cap, switch box,etc complete as required					
CD0320	Short Point	point	405.24	406.62	407.82
CD0321	Medium Point	point	691.55	692.94	694.13
CD0322	Long Point	point	977.60	978.99	980.18
Supplying and fixing of PVC mini-trunking on surface for 3/5 pin 6/16 ampere plug point along with all accessories such as changeable internal/external/ft angles, flat junctions, end caps, switch box, etc. complete as required					
CD0323	Short Point	point	431.82	435.89	437.48
CD0324	Medium Point	point	666.80	670.88	672.47
CD0325	Long Point	point	952.86	956.93	958.52

Code	Description	Units	PL	GP	SJ
------	-------------	-------	----	----	----

BOXES

Wooden Boxes

Supplying & fixing of wooden boxes including painting etc as required

BX0001	75x75x38mm	each	62.13	65.15	68.65
BX0002	100x75x38mm	each	66.30	72.48	75.40
BX0003	100x100x38mm	each	62.70	67.18	70.68
BX0004	150x100x38mm	each	68.54	75.93	79.43
BX0005	180x150x38mm	each	69.88	73.10	78.36
BX0006	200x100x38mm	each	69.88	73.10	78.36
BX0007	250x200x38mm	each	87.62	91.38	94.30
BX0008	300x200x38mm	each	95.26	98.11	102.78
BX0009	450x300x38mm	each	135.26	141.68	148.10

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	96.18	99.90	103.43
BX0021	2 Module	each	98.04	102.81	105.48
BX0022	3 Module	each	104.65	110.05	113.34
BX0023	4 Module	each	122.76	129.16	133.10
BX0024	5 Module	each	142.63	146.69	151.30
BX0025	6 Module	each	183.78	186.41	189.56
BX0026	7 Module	each	216.87	221.09	224.30
BX0027	8 Module	each	223.08	228.54	234.78
BX0028	9 Module	each	262.03	266.08	275.17
BX0029	10 Module	each	276.32	291.10	296.95

Metal Boxes

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

BX0050	1 Module	each	90.83	95.52	95.77
BX0051	2 Module	each	90.83	95.52	96.16
BX0052	3 Module	each	113.10	118.74	119.05
BX0053	4 Module	each	129.21	134.41	136.91
BX0054	5 Module	each	147.40	147.76	148.82
BX0055	6 Module	each	176.18	183.53	185.13
BX0056	7 Module	each	186.41	192.79	195.85
BX0057	8 Module	each	199.75	205.97	202.50
BX0058	9 Module	each	241.81	259.88	263.24
BX0059	10 Module	each	254.46	266.36	327.75

Code	Description	Units	PL	GP	SJ
SWITCH & SOCKETS					
Supplying & fixing of 6A switch on existing wooden board including necessary cutting, connection testing etc. as required.					
SS0001	6A switch SP 1-way	each	256.18	340.00	415.96
SS0002	6A switch SP 2-way	each	289.75	368.42	453.69
SS0003	bell push 6A	each	312.19	463.29	606.32
Supplying & fixing of socket/regulator on existing wooden board including necessary cutting, connection testing etc. as required.					
SS0015	Dimmer/regulator	each	871.34	1053.59	1202.52
SS0016	RJ 11 RJ 11 telephone socket	each	306.16	457.45	600.43
SS0017	TV coaxial socket	each	305.76	458.53	601.52
Supplying & fixing of socket outlet on existing wooden board including necessary cutting, connection testing etc. as required.					
SS0030	2-pin 6A socket outlet	each	295.81	389.42	561.16
SS0031	5 pin universal socket outlet	each	389.76	503.44	665.62
SS0032	16A fuse unit	each	379.80	457.95	631.85
Supplying & fixing of switch/socket on existing wooden board/round block/junction box (PVC/metal) including necessary cutting, connection testing etc. as required.					
SS0045	16A switch SP 1 or 2 way	each	363.53	477.39	591.81
SS0046	5/6 pin 6/16A socket outlet, shuttered	each	515.26	618.32	766.75
SS0047	Ceiling Rose, 2 plate (PVC) 6A	each	41.36	48.63	50.85
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	256.18	340.00	415.96
SS0061	6A switch SP 2-way	each	289.75	368.42	453.69
SS0062	bell push 6A	each	312.19	463.29	606.32
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	871.34	1053.59	1202.52
SS0076	RJ 11 telephone socket	each	306.16	457.45	600.43
SS0077	TV coaxial socket	each	305.76	458.53	601.52
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	295.81	389.42	561.16
SS0091	5 pin universal socket outlet	each	389.76	503.44	665.62
SS0092	16A fuse unit	each	379.80	457.95	631.85
Supplying & fixing of switch/socket on existing metal box with fibre sheet cover (recessed or surface)/ junction box (PVC/metal) including necessary cutting, connection testing etc. as required.					
SS0105	16A switch SP 1 or 2 way	each	363.53	477.39	591.81
SS0106	5/6 pin, 6/16A socket outlet, shuttered	each	445.93	475.79	553.52
SS0107	Ceiling Rose, 2 plate (PVC) 6A	each	41.36	48.63	50.85
Supplying & fixing of 6A switch on existing PVC/metal / moulded tough surface box (recessed or surface) including necessary cutting, connection testing etc. as required.					
SS120	6A switch SP 1-way	each	252.38	336.20	412.16
SS121	6A switch SP 2-way	each	285.95	364.62	449.89
SS122	bell push 6A	each	308.39	459.49	602.52
Supplying & fixing of socket/regulator on existing PVC/metal / moulded tough surface box (recessed or surface) including necessary cutting, connection testing etc. as required.					
SS0135	Dimmer/regulator	each	867.54	1049.79	1198.72
SS0136	RJ 11 telephone socket	each	302.36	453.65	596.63
SS0137	TV coaxial socket	each	301.96	454.73	597.72

Code	Description	Units	PL	GP	SJ
Supplying & fixing of socket outlet on existing PVC/metal / moulded tough surface box (recessed or surface) including necessary cutting, connection testing etc. as required.					
SS0150	2-pin 6A socket outlet	each	292.01	385.62	557.36
SS0151	5 pin universal socket outlet	each	385.96	499.64	661.82
SS0152	16A fuse unit	each	376.00	454.15	628.05
Supplying & fixing of switch/socket on existing metal box with fibre sheet cover (recessed or surface)/ junction box (PVC/metal) including necessary cutting, connection testing etc. as required.					
SS0165	16A switch SP 1 or 2 way	each	359.77	473.64	588.06
SS0166	5/6 pin, 6/16A socket outlet, shuttered	each	511.50	614.56	763.00
SS0167	Ceiling Rose, 2 plate (PVC) 6A	each	37.61	44.88	47.10
Supplying & fixing of socket outlet on existing PVC /metal/ moulded tough surface box/ metal box (recessed or surface) including necessary cutting, connection testing etc. as required.					
SS0175	3-pin, 6A socket outlet, shuttered	each	342.79	485.65	643.62
SS0176	5 pin universal socket outlet	each	389.76	503.44	665.62
SS0177	RJ 45 Computer socket	each	917.88	996.35	1144.71
Supplying & fixing of switch/socket on existing PVC /metal/ moulded tough surface box, metal box (recessed or surface)/ junction box (PVC/metal) including necessary cutting, connection testing etc. as required.					
SS0185	16A switch SP 1-way	each	341.00	423.37	495.89
SS0186	16A switch SP 2 way	each	363.53	477.39	591.81
SS0187	5/6 pin, 6/16A socket outlet, shuttered	each	515.26	618.32	766.75
Supplying & fixing of 16A switch/socket on existing PVC /metal/ moulded tough surface box metal box (recessed or surface) with fibre sheet cover (recessed or surface) including necessary cutting, connection testing etc. as required.					
SS0195	3-pin 16A socket outlet, shuttered	each	397.20	594.21	753.58
Supplying & fixing of 6A switch/socket on existing PVC /metal/ moulded tough surface box metal box (recessed or surface) with fibre sheet cover (recessed or surface) including necessary cutting, connection testing etc. as required.					
SS0205	3-pin 6A switch/socket combined, shuttered	each	446.82	603.69	751.97
Supplying & fixing of switch/socket on existing PVC /metal/ moulded tough surface box metal box (recessed or surface) with fibre sheet cover (recessed or surface) including necessary cutting, connection testing etc. as required.					
SS0210	3-pin, 16A switch/socket combined, shuttered	each	491.14	637.80	808.42
Supplying & fixing of switch/socket on existing PVC/ wooden /metal/ moulded tough surface box with fibre sheet cover, round block, junction box (recessed or surface) including necessary cutting, connection testing etc. as required.					
SS0220	5/6 pin, 6/16A switch/socket combined, shuttered	each	649.92	789.44	967.46
SS0221	Batten holder (heavy duty, brass plunger)	each	56.77	57.92	61.42
Supplying & fixing on existing PVC/wooden /metal/moulded tough surface box with fibre sheet cover, round block, junction box (recessed or surface) including necessary cutting, connection testing etc. as required.					
SS0230	Plain pendant holder with alumetic 2 core PVC wire cord grip	each	53.43	55.34	55.77
SS0231	Plain pendant brass holder (heavy duty with twin twisted flexible wire)	each	53.43	55.34	55.77
SS0232	Angle holder (heavy duty, brass plunger)	each	55.60	56.14	57.92

Code	Description	Units	PL	GP	SJ
------	-------------	-------	----	----	----

INDOOR LUMINIARIES (Supply)

Indoor Luminaries

Supplying of prewired indoor surface/ceiling mounted luminaries suitable for GLS lamp for maximum wattage upto 1x60 watts complete with all accessories such as base, holder, glass globe etc. but without lamp

IL0001	Globe dia 150, projection 215mm, finish-painted	each	174.97	192.48	309.91
IL0002	Globe dia 200, projection 265mm, finish-painted	each	320.77	352.88	471.91
IL0003	Globe dia 250, projection 315mm, finish-painted	each	524.90	577.44	698.72
IL0004	Square louvered, projection 115mm, length or width 240mm, finish-painted	each	524.90	577.44	698.72
IL0005	Special drumlite dia 175, projection 115mm, finish-painted	each	262.45	288.72	407.11
IL0006	Special drumlite dia 225, milky, projection 115mm, finish-painted	each	390.76	429.87	549.67

Supplying of prewired indoor spots and clamps surface/ceiling mounted luminaries suitable for GLS lamp for maximum wattage upto 1x60 watts complete with all accessories such as base, holder, glass globe etc. but without lamp

IL0020	Spot light fixtures finish-painted, reflector dia 130mm, projection 235mm	each	134.14	147.57	264.54
IL0021	Spot light fixtures, finish-painted, reflector dia 100mm, projection 245mm	each	180.80	198.90	316.39
IL0022	Clamp light fixtures, reflector dia 110mm, projection 225mm, finish-painted	each	291.61	320.80	439.52

Supplying of prewired indoor clamps and rails on surface / ceiling mounted luminaries suitable for reflector lamp for maximum wattage upto 60/100 watts complete with all accessories such as base, holder, reflector etc. but without lamp

IL0035	Clamp light projection 160mm, finish-painted, suitable for reflector lamp, 100W	each	233.29	256.64	374.71
IL0036	Rail light fixtures for 2x60W (R), reflector lamp of projection 225mm, rail length 600mm	each	384.92	423.46	543.19
IL0037	Rail light lamp of projection 160mm, rail length 600mm, 2x100W (R)	each	384.92	423.46	543.19

Supplying of prewired indoor rails and wall brackets on surface / ceiling mounted luminaries suitable for GLS lamp for maximum wattage upto 1x60 watts complete with all accessories such as base, holder, reflector, rails, glass globe, etc etc. but without lamp

IL0050	Rail lighting projection 225mm, finish painted, suitable for reflector lamp, 3x60W (R)	each	659.04	725.01	847.77
IL0051	Rail lighting fixtures of projection 160mm for 3x100W (R) reflector lamp length of rail 600mm	each	624.04	455.51	808.88
IL0052	Wall bracket projection 225mm, height 240mm finish painted, glass frosted, 1x60W	each	338.27	372.13	491.35

Supplying of prewired indoor rails and wall brackets on surface / ceiling mounted luminaries suitable for GLS lamp for maximum wattage upto 1x60 watts complete with all accessories such as base, holder, reflector, rails, glass globe, etc etc. but without lamp

IL0065	Wall bracket upward projection 230mm, height 225mm finish-painted globe 360/400mm dia.. glass milky/ frosted, 1x60W	each	437.41	481.20	601.52
IL0066	Wall bracket down lighter projection 160mm, height 135mm width or base dia 320mm finish-painted, glass frosted, 1x60W	each	320.77	352.88	471.91
IL0067	Wall bracket down lighter, projection 185mm, height 100mm finish painted, 1x60W	each	349.93	384.96	504.31

Supplying of prewired indoor wall mounted wall brackets luminaries suitable for GLS lamp for wattage upto 2x60/1x60 watts 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, 2x60W	each	729.02	802.00	925.52
IL0081	Double wall bracket down lighter projection 160mm, height 135mm width or base dia 320mm finish-painted, glass frosted, 2x60W	each	641.54	705.76	828.33
IL0082	Single swivel wall bracket down lighter, projection 375mm, height 250mm finish painted with switch, 1x60W	each	554.06	609.52	731.12

Supplying of prewired indoor mirror/picture light luminaries suitable for GLS lamp for wattage upto 2x60/1x60 watts complete with all accessories such as base, holder, glass globe, etc. but without lamp

IL0095	Double mirror light fixtures downward projection 100mm, height 90mm, length 610mm, finish-painted, glass milky/ frosted, 2x60W	each	524.90	577.44	698.72
IL0096	Double mirror light fixtures downward projection 100mm, height 90mm, length 460mm, finish-painted, glass milky/ frosted, 2x60W	each	419.92	461.95	582.08
IL0097	Single picture down lighter, projection 200mm, height 100mm, length 360mm, finish painted, 1x60W	each	320.77	352.88	471.91

Code	Description	Units	PL	GP	SJ
Supplying of prewired indoor pendant lighting luminaries suitable for GLS lamp 1x60 watts complete with all accessories such as base, holder, glass globe, reflector, suspender, etc etc. but without lamp					
IL0110	Pendant down lighter height 215mm, 205mm dia, finish-painted, 1x60W	each	437.41	481.20	601.52
IL0111	Lantern type, height 460mm, 325mm dia, finish-painted, 1x60W	each	612.38	673.68	795.92
IL0112	Three lighting fixture, height 460mm, 430mm dia finish painted, 3x60W	each	1253.92	1379.45	1508.74
Supplying of prewired indoor recessed down light luminaries suitable for GLS/reflector lamp 1x100/1x60 watts complete with all accessories such as base, holder, glass globe, reflector, fixing clip, etc etc. but without lamp					
IL0125	Recessed down lighter square width 170-195, cut out 140-165mm, depth 200mm, finish-painted, 1x100W	each	157.47	173.23	290.46
IL0126	Recessed down lighter projection 55mm, cut out 155mm, depth 175mm, 180mm dia, finish-painted, 1x100W	each	215.79	237.39	355.27
IL0127	Recessed down lighter projection 45mm, cut out 110mm, depth 75mm, 165mm dia, finish-painted, 1x60W	each	157.47	173.23	290.46
Supplying of prewired indoor semi-recessed down light luminaries suitable for GLS/reflector lamp 1x100/1x60 watts complete with all accessories such as base, holder, glass globe, reflector, fixing clip, etc etc. but without lamp					
IL0140	Semi recessed down lighter square width 170-200, cut out 135-160mm, depth 125-135mm, finish-painted, 1x100W	each	244.95	269.47	387.67
IL0141	Semi recessed down lighter projection 90-95mm, cut out 135-160mm, depth 125-135mm, 170-200mm dia, finish-painted, 1x100W	each	309.11	340.05	458.95
IL0142	Semi recessed down lighter side entry, cut out 185mm, depth 130mm, 205mm dia, finish-painted, 1x60W	each	204.13	224.56	342.31
Supplying of prewired indoor fluorescent lamp luminaries 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					
IL0155	Strip Rail 18/20 watt	each	290.40	296.92	319.80
IL0156	Decorative box type 18/20 watt	each	506.93	513.56	517.12
IL0157	Mounting channel 18/20 watt	each	546.95	552.43	557.94
IL0158	Strip Rail 36/40 watt	each	329.52	340.07	353.82
IL0159	Decorative box type 36/40 watt	each	586.97	592.84	598.77
IL0160	Mounting channel 36/40 watt	each	605.28	632.33	694.02
Supplying of prewired indoor fluorescent lamp luminaries housing of CRCA sheet steel rail, end with lamp holders, copper wound ballast, starter, starter holder, terminal block etc. but without lamp, HPF suitable for wall and ceiling directly or pendant					
IL0170	Mounting box 1x36/40 watt	each	604.47	768.00	775.68
IL0171	Mounting box 2x36/40 watt	each	1100.57	1111.57	1122.69
IL0172	Industrial box 1x36/40 watt	each	760.39	768.00	775.68
IL0173	Industrial box type with vitreous enamel reflector 1x36/40 watt	each	1360.71	1374.31	1388.06
IL0174	Industrial box type with vitreous enamel reflector 2x36/40 watt	each	1567.48	1583.16	1598.99
IL0175	Industrial box type with stove enamel reflector 2x36/40 watt	each	1700.88	1717.89	1735.07
Supplying of prewired indoor fluorescent lamp luminaries housing of CRCA sheet steel rail, end with lamp holders, copper wound ballast, starter, starter holder, terminal block etc. but without lamp, HPF suitable for surface or pendant mounting					
IL0185	Mounting box type with polysterene structured louvere and reflector 2x36/40 watt	each	1867.64	1886.31	1905.18
IL0186	Mounting box type with metallated louvere and reflector 2x36/40 watt	each	1734.23	1751.57	1769.10
IL0187	Mounting box type with opal acrylic difuser and reflector 2x36/40 watt	each	1934.34	1953.69	1973.21
IL0188	Mounting box type with prismatic louvere and reflector 2x36/40 watt	each	2501.30	2526.31	2551.57
IL0189	Mounting box type with opal acrylic difuser 1x36/40 watt	each	2487.96	2512.83	2537.96
IL0190	Mounting box type with opal acrylic difuser and reflector 2x18/20 watt	each	1334.03	1347.37	1360.85
Supplying of prewired indoor fluorescent lamp luminaries housing of CRCA sheet steel rail, end with lamp holders, copper wound ballast, starter, starter holder, terminal block etc. but without lamp, HPF suitable for recessed mounting					
IL0200	Mounting box type with prismatic louvere and reflector 2x36/40 watt	each	2294.52	2317.47	2340.64
IL0201	Mounting box type with opal acrylic difuser 1x36/40 watt	each	2281.18	2304.00	2327.04
IL0202	Mounting box type with structured louvere and reflector 2x36/40 watt	each	2227.82	2250.11	2272.61

Code	Description	Units	PL	GP	SJ
Supplying of prewired indoor fluorescent lamp luminaries housing of CRCA sheet steel rail, end with lamp holders, copper wound ballast, starter, starter holder, terminal block etc. but without lamp, HPF suitable for surface/recessed mounting					
IL0215	Mounting box type with prismatic louvere and reflector 4x18/20 watt	each	2954.87	2984.42	3014.26
IL0216	Mounting box type with opal acrylic difuser 4x18/20 watt	each	2954.87	2984.42	3014.26
IL0217	Mounting box type with structured louvere and reflector 4x18/20 watt	each	2954.87	2984.42	3014.26
Supplying of prewired indoor fluorescent lamp luminaries housing of CRCA sheet steel rail, end with lamp holders, copper wound ballast, starter, starter holder, terminal block etc. but without lamp, HPF suitable for surface/recessed mounting					
IL0230	Mounting box with mirror optics louvere and reflector 2x18/20 watt	each	1600.83	1616.84	1633.01
IL0231	Mounting box with mirror optics louvere 2x36/40 watt	each	2668.05	2694.73	2721.68
IL0232	Mounting box with side spread mirror optic with reflector 2x36/40 watt	each	2668.05	2694.73	2721.68
Supplying of prewired call bell 250 volt A.C with base, terminal block and all accessories complete					
IL0245	Gong bell assembly	each	39.73	68.61	68.61
IL0246	Buzzer bell assembly	each	60.83	66.61	95.14
IL0247	Musical bell assembly	each	137.86	149.41	149.41
Supplying and fixing of 250 volt A.C prewired lighting tracks with all accessories such as current supply end assembly, right angle joint horizontal/vertical, coupler assembly, cross/tee joint, conical visor and track lighting luminaire 1 No. etc. suitable for reflector lamp 60 watt in museum or decorated shops complete					
IL0260	0.5m light track	each	1108.22	1200.62	1206.40
IL0261	1m light track	each	1775.24	1867.64	1873.41
IL0262	2m light track	each	2108.74	2201.14	2206.92

Code	Description	Units	PL	GP	SJ
OUTDOOR LUMINIARIES (Supply)					
Supplying of prewired outdoor lighting luminaries suitable for GLS lamp 1x100/1x60 watts complete with all accessories such as base, holder, glass, reflector, louvered, etc etc. but without lamp					
OL0001	Wall bracket louvered projection 275mm, height 270mm, finish-painted, 1x60/100W	each	554.06	609.52	731.12
OL0002	Post top garden light dia 325-380mm, height 340-400mm, finish-painted, 1x60/100W	each	1662.17	1828.57	1962.35
Supplying of prewired outdoor bulk head fittings luminaries having die cast aluminium body, prismatic heat resistant glass cover held in the weather proof gasket, MS galvanised wire guard, etc. suitable for GLS lamp 1x100/1x60 watts complete with all accessories such as base, holder, glass, reflector, louvered, etc. complete but without lamp					
OL0015	Projection 100mm, height 220mm, width 125mm, finish-painted, 1x60/100W	each	466.57	588.82	633.91
Supplying of prewired street lighting fluorescent lamp luminaries housing of CRCA sheet steel rail, end (with lamp holders, copper wound ballast, starter, starter holder, terminal block etc. but without lamp, HPF suitable for street or outdoor lighting					
OL0025	1x36/40 watt	each	1405.20	1409.99	1564.96
OL0026	2x36/40 watt	each	2080.30	2088.42	2109.30
OL0027	1x18/20 watt	each	1318.04	1367.58	1374.96
Supplying of prewired street lighting of high pressure mercury vapour lamp luminaries 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, HPF suitable for street or outdoor lighting mercury vapour lamp					
OL0040	1x80 watt HPL-N(BC)	each	3062.31	3152.83	3184.37
OL0041	1x125 watt HPL-N(BC)	each	3087.44	3226.94	3259.21
OL0042	1x250 watt HPL-N(ES)	each	4515.26	4682.10	4728.92
Supplying of prewired street lighting of high pressure sodium vapour lamp luminaries housing of CRCA sheet steel comprise of canopy, acrylic cover, control gear housing & 50/60mm outer diameter hole for bracket (with lamp holders, copper wound ballast, condenser, terminal block etc. but without lamp, HPF suitable for street or outdoor lighting with sodium lamp					
OL0055	1x70 watt (E) SON(BC)	each	2941.19	3024.83	3231.17
OL0056	1x70 watt(I) SON(BC)	each	3277.86	3354.95	3397.87
OL0057	1x100 watt SON(BC)	each	3789.01	3920.84	3937.75
OL0058	1x250 watt SON(ES)	each	4976.82	5204.46	5230.23
Supplying of prewired post top lantern lighting of high pressure mercury/sodium vapour self ballasted lamp luminaries 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 HPL-N(BC)	each	2624.83	2762.11	2789.73
OL0071	1x125 watt HPL-N(ES)	each	2763.82	3031.58	3061.89
OL0072	1x60 watt ML(ES)	each	2073.37	2088.42	2109.30
Supplying of prewired post top lantern/under water lighting of high pressure mercury/sodium vapour self ballasted lamp luminaries 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 sodium/reflector lamp					
OL0085	1x70(E) watt SON(BC)	each	3434.68	3705.26	3742.31
OL0086	1x70(I) watt SON(BC)	each	3295.50	3301.05	3334.06
OL0087	Underwater luminaire 60/75/100 watt (R)BC upto depth of 0.6m	each	3005.50	3221.67	3227.45
Supplying of prewired flood lighting fixtures of high pressure mercury/sodium vapour/GLS lamp luminaries 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					
OL0100	2x250/400 watt HPL-N(ES)	each	12349.55	12535.90	13540.34
OL0101	2x250/400 watt SON-T(ES)	each	7208.64	7338.68	7824.82
OL0102	1x500 watt(ES) GLS lamp	each	1854.64	1977.83	2245.38

Code	Description	Units	PL	GP	SJ
Supplying 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 HPI-T	each	6723.83	7035.52	7212.45
OL0116	2x500 watt halogen lamp	each	911.21	928.28	1000.21
OL0117	1 or 2x1000 watt halogen lamp	each	1833.56	1876.77	2041.26
Supplying of prewired industrial well glass luminaires housing of die-cast aluminium alloy, porcelain lamp holder, terminal block, heat resistant glass cover, wire guard, rubber gasket, aluminium ring, copper ballast, capacitor etc. but without lamp, suitable for GLS/HPL-N/SON lamp					
OL0130	GLS 1x200/300 watt (ES)	each	1600.83	1616.84	1633.01
OL0131	1x80/125 watt HPL-N (BC)	each	2801.45	2829.47	2857.76
OL0132	1x70/100 watt SON(E/I) (BC)	each	3335.06	3368.41	3402.09
Supplying of prewired flame proof industrial well glass luminaires housing of die-cast aluminium alloy, porcelain lamp holder, terminal block, heat resistant glass cover, wire guard, rubber gasket, aluminium ring, copper ballast, capacitor etc. but without lamp, suitable for GLS/HPL-N lamp					
OL0145	GLS 1x60/200 watt (BC/ES)	each	3335.06	3368.41	3402.09
OL0146	1x80/125 watt HPL-N (BC)	each	5843.03	5901.46	5960.47
OL0147	1x60 watt ML-N/ES)	each	4242.20	4284.62	4327.46
Supplying of prewired flame proof bulk head luminaires housing of die-cast aluminium alloy, porcelain lamp holder, terminal block, heat resistant glass cover, wire guard, rubber gasket, aluminium ring, copper ballast, capacitor etc. but without lamp, suitable for HPL-N/ML-N lamp					
OL0160	1x60/200 watt GLS (BC/ES)	each	3425.61	3489.84	3783.13
OL0161	HPL-N lamp 1x80/125 watt (BC)	each	6675.21	6694.78	7457.40
OL0162	1x60 watt ML-N	each	3442.94	3605.34	3783.13

Code	Description	Units	PL	GP	SJ
LAMPS & LAMP SHADE					
Lamps					
Supplying of GLS lamps 250 volts A.C					
LS0001	GLS lamp 40 watt (BC)	each	13.31	14.67	15.65
LS0002	GLS lamp 60 watt (BC)	each	13.31	13.65	15.65
LS0003	GLS lamp 100 watt (BC)	each	14.78	15.29	16.29
LS0004	GLS lamp 150 watt (ES)	each	22.23	22.88	28.01
LS0005	GLS lamp 200 watt (ES)	each	24.71	27.89	30.20
LS0006	GLS lamp 100 watt (ES)	each	81.73	82.45	87.51
Supplying of GLS/reflector lamps 250 volts A.C					
LS0020	GLS lamp 500 watt (ES)	each	112.54	114.02	118.32
LS0021	Reflector lamp 60 watt 63(BC)	each	41.18	42.69	48.46
LS0022	Reflector lamp 75 watt 95(BC/ES)	each	93.02	96.56	102.33
Supplying of reflector/ML blended/ self ballasted lamps 250 volts A.C					
LS0035	Reflector lamp 100 watt (R) 95(BC/ES)	each	94.21	97.83	103.60
LS0036	Reflector lamp 150 watt 95(BC/ES)	each	98.56	101.64	107.42
LS0037	ML-N lamp 160 watt (BC/ES)	each	318.41	335.41	346.96
Supplying of high pressure mercury vapour lamps 250 volts A.C					
LS0050	HPL-N lamp 80 watt (BC/ES)	each	178.53	196.10	207.41
LS0051	HPL-N lamp 125 watt (BC/ES)	each	201.75	204.18	214.08
LS0052	HPL-N lamp 250 watt (ES)	each	510.44	527.02	541.55
Supplying of high pressure mercury/sodium vapour lamps 250 volts A.C					
LS0065	HPL-N lamp 400 watt (ES)	each	671.92	689.25	743.24
LS0066	SON-T lamp 70 watt (E) (BC)	each	629.86	647.96	657.20
LS0067	SON-T lamp 70 watt (I) (BC)	each	653.49	713.07	722.31
Supplying of high pressure sodium vapour lamps 250 volts A.C					
LS0080	SON-T lamp 150 watt (ES)	each	785.09	917.76	863.02
LS0081	SON-T lamp 250 watt (ES)	each	875.88	895.13	962.12
LS0082	SON-T lamp 400 watt (ES)	each	1164.19	1240.33	1249.57
Supplying of high pressure metal halide/halogen lamps 250 volts A.C					
LS0095	HPI-T lamp 250 watt (ES)	each	1334.89	1372.14	1402.17
LS0096	HPI-T lamp 400 watt (ES)	each	1342.40	1384.85	1391.20
LS0097	Halogen lamp 7785 R 500 watt	each	153.33	184.87	196.64
Supplying of halogen/argenta superlux/special incandescent lamps 250 volts A.C					
LS0110	Halogen 12013 R 1000 watt	each	183.93	241.90	251.50
LS0111	Argenta superlux 60 watt (BC)	each	17.79	19.29	23.56
LS0112	15 watt (BC) pigmy lamp	each	25.29	27.37	33.15
Supplying of fluorescent lamps 250 volts A.C					
LS0125	TL lamp 18/20 watt	each	50.92	54.16	55.75
LS0126	TL lamp 36/40 watt	each	56.68	61.82	64.77
LS0127	TLF lamp 36/40 watt	each	68.48	71.34	76.56
Supplying of glass globe/glass lengum shade as required to make the existing fitting good					
LS0140	Glass globe 150mm dia	each	121.28	127.05	138.60
LS0141	Glass globe 180mm dia	each	248.33	251.21	259.88
LS0142	Glass lengum shade 150mm dia	each	184.80	207.90	213.68
Supplying of glass lengum shade/heat resistant proof plastic conical/coonican shade as required to make the existing fitting good					
LS0155	Glass lengum shade 180mm dia	each	280.09	303.19	308.96
LS0156	PLastic heat resistant shade 150mm dia	each	184.80	190.58	202.13
LS0157	Plastic heat resistant coonican shade 150mm dia	each	216.56	222.34	233.89

Code	Description	Units	PL	GP	SJ
------	-------------	-------	----	----	----

FANS (Supply)

Fan

Supplying 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	1468.60	1496.31	1560.61
FN0002	1200mm sweep	each	1645.06	1652.26	1670.20
FN0003	1400mm sweep	each	1839.73	1935.54	1954.79

Supplying 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

FN0015	300mm sweep	each	1309.40	1343.47	1366.04
FN0016	380mm sweep	each	1588.85	1631.87	1690.05
FN0017	450mm sweep	each	2004.36	2017.14	2021.68

Supplying 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	2104.94	2244.42	2615.88
FN0031	380mm sweep	each	2666.56	2753.18	2792.11
FN0032	450mm sweep	each	3528.93	3592.86	3708.36

Supplying of Aluminium louveres for exhaust fan complete all accessories as required

FN0045	300mm sweep	each	566.96	623.66	680.35
FN0046	380mm sweep	each	700.36	770.40	840.44
FN0047	450mm sweep	each	800.42	880.46	960.50

Code	Description	Units	PL	GP	SJ
------	-------------	-------	----	----	----

CONTROL GEAR & BUSBAR (Supply)

Bus bar & Bus bar Chamber

Supplying of pre-fabricated MS busbar chamber with copper busbar complete with all accessories etc. as required

GB0001	2 strips, 300mm bar, 100A	each	1440.62	1512.78	1528.63
GB0002	4 strips, 300mm bar, 100A	each	1600.68	1680.87	1698.48
GB0003	4 strips, 300mm bar, 200A	each	2401.03	2521.31	2547.72
GB0004	2 strips, 450mm bar, 100A	each	2534.42	2661.38	2689.26
GB0005	4 strips, 450mm bar, 100A	each	3081.32	3235.68	3269.58
GB0006	4 strips, 450mm bar, 200A	each	3624.22	3805.77	3845.64
GB0007	4 strips, 600mm bar, 100A	each	3972.37	4171.36	4215.06
GB0008	4 strips, 600mm bar, 200A	each	4615.31	4846.51	4897.29
GB0009	4 strips, 600mm bar, 300A	each	6089.27	6394.32	6461.30

Supplying of Aluminium alloy/wrought aluminium busbar complete with all accessories etc. to accommodate in prefabricated MS cubical panel board as required

GB0025	4 strips, 600mm bar, 300A	each	1720.74	1806.94	1825.87
GB0026	4 strips, 600mm bar, 400A	each	2060.88	2164.12	2186.79
GB0027	4 strips, 600mm bar, 600A	each	2701.16	2836.47	2866.19
GB0028	4 strips, 900mm bar, 400A	each	3181.36	3340.73	3375.73
GB0029	4 strips, 900mm bar, 600A	each	4121.76	4328.24	4373.59
GB0030	4 strips, 900mm bar, 800A	each	5362.29	5630.92	5689.91
GB0031	4 strips, 1350mm bar, 400A	each	5002.14	5252.72	5307.75
GB0032	4 strips, 1350mm bar, 600A	each	6502.78	6828.54	6900.08
GB0033	4 strips, 1350mm bar, 800A	each	8503.64	8929.63	9023.18

Control Gear

Supplying of wall mounting combination fuse switch unit (HRC) with steel enclosure TPN switch fuse unit, 415 volt A.C complete with HRC fuses and all accessories etc. as required

GB0050	20A	each	2773.21	2926.97	2935.58
GB0051	32A	each	3548.41	3500.60	3509.21
GB0052	63A	each	3871.22	4174.28	4182.89
GB0053	125A	each	6131.93	6484.12	6504.13

Supplying of wall mounting combination fuse switch unit (HRC) with steel enclosure TPN fuse switch unit, 415 volt A.C complete with HRC fuses and all accessories etc. as required

GB0065	200A	each	7700.75	7709.61	7711.43
GB0066	250A	each	9019.00	9081.72	9085.66
GB0067	315A	each	10100.68	10646.64	10651.91
GB0068	400A	each	11957.46	13001.20	13006.47
GB0069	500A	each	17247.83	17588.54	17597.04
GB0070	630A	each	19971.34	20370.21	20378.98
GB0071	800A	each	23365.32	23774.34	23784.61

Supplying of wall mounting combination fuse switch unit (HRC) with steel enclosure 4 pole fuse switch unit, 415 volt A.C complete with HRC fuses and all accessories etc. as required

GB0085	500A	each	41739.31	42194.44	42205.77
--------	------	------	----------	----------	----------

Supplying of wall mounting combination fuse switch unit with sheet steel enclosure /panel mounting disconnecter fuse switch unit 415 volt A.C complete with front drive mechanism with door interlock HRC fuses 4 pole with HRC fuses and all accessories etc. as required

GB0095	250A	each	11075.62	11239.83	11326.12
GB0096	400A	each	16948.82	17430.36	17569.69
GB0097	750A	each	24316.28	25223.10	25235.77

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

GB0110	32A	each	2086.64	2125.75	2147.03
GB0111	63A	each	2615.06	2678.18	2704.97
GB0112	125A	each	5990.56	6043.90	6104.33

Code	Description	Units	PL	GP	SJ
Supplying 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					
GB0125	250A	each	10312.58	10455.97	10540.96
GB0126	400A	each	12491.52	12850.45	12952.74
Supplying of panel mounting switch disconnecter switch fuse unit 415 volt A.C complete with front drive mechanism with door interlock HRC fuses 4 pole switch fuse unit with HRC fuses and all accessories etc. as required					
GB0140	125A	each	8240.86	8314.53	8397.66
Moulded Case Circuit Breaker (MCCB)					
Supplying 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	4667.49	4795.16	4946.09
GB0151	100A	each	4553.04	4723.37	4910.19
GB0152	125A	each	5528.90	5733.42	6063.17
Supplying 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	5527.67	6028.81	6269.77
GB0166	100A	each	5788.43	5904.94	6207.84
GB0167	125A	each	7233.06	7589.62	7627.68
Supplying 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	5567.81	5644.49	6027.37
GB0181	100A	each	5375.12	5718.60	6064.42
GB0182	125A	each	6570.07	6655.80	6937.28
Supplying of 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	7751.45	8042.55	8522.89
GB0196	100A	each	8382.73	8003.17	8881.46
GB0197	125A	each	9408.50	9792.67	9833.96
Supplying 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	7966.92	8477.70	9879.29
GB0211	160A	each	12579.66	13115.03	14558.78
GB0212	250A	each	13447.89	16519.97	17963.72
Supplying 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	10736.92	11526.90	12681.90
GB0226	160A	each	15316.23	16062.59	17217.59
GB0227	250A	each	19718.58	21189.05	22344.05
Supplying of panel moulded case circuit breaker (MCCB) with electronic release, breaking capacity 70KA, 4 pole 415 volt A.C complete with all accessories etc. as required					
GB0240	250A	each	24801.31	26725.26	27880.26
GB0241	400A	each	45047.70	48777.96	49932.96
GB0242	630A	each	70726.76	76748.02	77903.02
GB0243	800A	each	168497.30	183241.33	184396.33
Earth Leakage Module					
Supply of panel mounting earth leakage module 4 pole, 415 volt A.C complete with all accessories as required					
GB0255	125A	each	8685.27	9029.71	9460.14
GB0256	160A	each	10112.99	10514.04	11015.24
GB0257	250A	each	16646.19	17306.33	18131.31
GB0258	400A	each	30438.11	31645.20	33153.70
GB0259	630A	each	30438.11	31645.20	33153.70

Code	Description	Units	PL	GP	SJ
Miniature Circuit Breaker (MCB)					
Supply 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	226.83	232.05	285.77
GB0271	10A	each	226.83	232.40	285.77
GB0272	16A	each	226.83	232.40	285.77
GB0273	20A	each	275.91	298.78	309.56
GB0274	25A	each	275.91	298.78	309.56
GB0275	32A	each	275.91	298.48	309.56
GB0276	40A	each	443.76	523.53	631.98
GB0277	63A	each	499.20	523.53	631.98
Supply 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	624.78	680.36	686.87
GB0291	10A	each	624.78	680.36	686.87
GB0292	16A	each	624.78	680.36	686.87
GB0293	20A	each	624.78	680.36	686.87
GB0294	25A	each	624.78	680.36	686.87
GB0295	32A	each	624.78	680.36	686.87
GB0296	40A	each	973.29	1099.11	1106.58
GB0297	63A	each	1008.98	1108.04	1109.86
Supply 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	696.61	708.24	759.77
GB0311	10A	each	696.61	708.24	728.78
GB0312	16A	each	696.61	729.66	740.33
GB0313	20A	each	696.61	729.66	748.03
GB0314	25A	each	696.61	729.66	759.58
GB0315	32A	each	696.61	729.66	771.13
GB0316	40A	each	1008.97	912.64	1010.85
GB0317	50A	each	1128.23	1179.72	1205.44
GB0318	63A	each	1128.23	1179.72	1205.44
Supply 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	1056.81	1086.15	1189.91
GB0331	10A	each	1056.81	1086.15	1189.91
GB0332	16A	each	1056.81	1086.15	1189.91
GB0333	20A	each	1056.81	1109.25	1189.91
GB0334	25A	each	1063.55	1105.02	1189.91
GB0335	32A	each	1047.74	1105.02	1189.91
GB0336	40A	each	1498.19	1525.33	1741.15
GB0337	50A	each	1552.82	1533.71	1748.16
GB0338	63A	each	1552.82	1604.55	1748.16
Supply 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	1315.83	1543.54	1587.72
GB0351	25A	each	1315.83	1543.54	1587.72
GB0352	32A	each	1315.83	1543.54	1587.72
GB0353	40A	each	1962.13	2119.65	2365.82
GB0354	50A	each	2139.85	2189.18	2372.84
GB0355	63A	each	2172.85	2118.63	2372.84
Supply 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	1399.16	1641.98	1412.19
GB0366	25A	each	1399.16	1641.98	1416.04
GB0367	32A	each	1399.16	1641.98	1419.89
GB0368	40A	each	1948.78	2264.58	1782.88
GB0369	50A	each	2041.85	2268.00	1872.77
GB0370	63A	each	2069.90	2268.00	1884.32

Code	Description	Units	PL	GP	SJ
I s o l a t o r					
Supply of loadkontak isolator double pole, 230 volt A.C complete with all accessories suitable to to fix on a din-bar etc. as required					
GB0380	40A	each	632.82	650.20	694.82
GB0381	63A	each	729.98	705.17	1202.19
Supply of loadkontak isolator triple pole, 415 volt A.C complete with all accessories suitable to to fix on a din-bar etc. as required					
GB0395	40A	each	1066.57	1174.13	823.44
GB0396	63A	each	1288.75	1373.03	1395.00
Timer Switch					
Supply of 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	3654.60	2884.04	2884.04
GB0411	7days/24hrs	each	4143.77	3853.43	3853.43
R e s i d u a l C u r r e n t C i r c u i t B r e a k e r (RCCB)					
Supply 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	2794.39	2764.22	3083.27
GB0426	25A	each	2794.39	2942.58	3083.27
GB0427	32A	each	3214.56	3464.89	3031.13
GB0428	40A	each	3363.53	3662.94	3372.76
GB0429	63A	each	3951.34	4369.00	3910.86
Supply 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	3144.74	3453.55	3476.62
GB0441	25A	each	3227.24	3453.55	3476.62
GB0442	32A	each	3169.00	3483.49	3264.96
GB0443	40A	each	3449.21	3720.26	3598.54
GB0444	63A	each	4061.34	4109.08	4167.63
Supply 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	3133.74	3552.58	3531.70
GB0456	25A	each	3133.74	3552.58	3531.70
GB0457	32A	each	3331.91	3920.68	3355.51
GB0458	40A	each	4072.70	4390.14	3895.80
GB0459	63A	each	4258.20	4417.08	4167.63
Supply 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	3463.14	3637.42	3704.30
GB0471	25A	each	3699.85	3823.82	3867.53
GB0472	32A	each	3734.11	3823.82	3762.57
GB0473	40A	each	3644.39	4023.69	3787.56
GB0474	63A	each	4221.65	4686.50	4412.47
Supply 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	3831.85	4260.24	3941.67
GB0486	25A	each	3866.14	4179.40	3929.72
GB0487	32A	each	3923.89	4179.40	3832.57
GB0488	40A	each	4002.75	4266.66	3944.72
GB0489	63A	each	4390.10	4908.26	4599.62

Code	Description	Units	PL	GP	SJ
Supply 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	3977.48	4343.65	4387.09
GB0501	25A	each	4003.75	4192.23	4234.16
GB0502	32A	each	3798.32	4192.23	3921.77
GB0503	40A	each	3867.64	4268.59	4018.07
GB0504	63A	each	4590.96	4935.85	4649.56
Distribution Board (DB)					
Supply 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					
GB0515	4 way	each	713.67	737.08	828.04
GB0516	6 way	each	794.25	825.65	954.59
GB0517	8way	each	880.08	886.95	1023.32
GB0518	12 way	each	1026.06	1029.85	1261.01
GB0519	16 way	each	1279.44	1388.85	1456.54
Supply 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					
GB0521	4 way	each	970.59	984.21	1018.81
GB0522	6 way	each	1288.76	1309.02	1317.09
GB0523	8way	each	1295.99	1371.24	1340.60
GB0524	12 way	each	1464.69	1655.27	1667.62
GB0525	16 way	each	1866.20	2082.31	2125.50
Supply of SPN distribution board (DIN type) with acrylic door, 230 volt A.C complete with all accessories without MCB/isolator/RCCB out going or incoming etc. as required					
GB0527	4 way	each	1044.70	1230.85	1304.69
GB0528	6 way	each	1267.10	1462.96	1550.73
GB0529	8way	each	1300.51	1544.17	1636.81
GB0530	12 way	each	1647.12	1901.72	2015.83
GB0531	16 way	each	2065.38	2404.12	2548.36
Supply of TPN distribution board (DIN type, horizontal) 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	1750.70	1998.69	2491.56
GB0534	6 way	each	2162.51	2476.23	2785.01
GB0535	8way	each	2826.71	2942.87	3477.65
GB0536	12 way	each	4075.53	4377.95	5331.45
GB0537	16 way	each	4550.84	5254.27	7087.14
Supply of TPN distribution board (DIN type, horizontal)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	3377.72	3573.96	3576.75
GB0540	6 way	each	3542.21	3854.50	4184.70
GB0541	8way	each	4885.41	4903.18	5245.40
GB0542	12 way	each	6011.99	6683.70	7672.42
GB0543	16 way	each	6513.58	6673.20	6757.51
Supply of TPN distribution board (DIN type, horizontal) with acrylic door,415 volt A.C complete with all accessories without MCB/isolator/RCCB out going or incoming etc. as required					
GB0545	4 way	each	2918.47	3138.62	3326.94
GB0546	6 way	each	3580.95	3868.28	4100.37
GB0547	8way	each	4300.93	4597.33	4873.17
GB0548	12 way	each	6613.87	7004.48	7424.75
GB0549	16 way	each	7277.68	8402.59	8906.74
Supply of TPN distribution board (DIN type, vertical) without door, 415 volt A.C complete with all accessories without MCB/isolator/RCCB out going or incoming etc. as required					
GB0551	4 way	each	5391.77	5582.13	5591.35
GB0552	6 way	each	5961.38	6031.19	6393.07
GB0553	8way	each	6480.26	6654.09	6667.73
GB0554	12 way	each	8583.45	9272.35	9703.42

Code	Description	Units	PL	GP	SJ
Supply of TPN distribution board (DIN type, vertical) with metal door, 415 volt A.C complete with all accessories without MCB/isolator/RCCB out going or incoming etc. as required					
GB0556	4 way	each	6239.26	6308.76	6383.24
GB0557	6 way	each	6501.36	7506.27	7956.65
GB0558	8way	each	7611.46	7770.19	7859.04
GB0559	12 way	each	9628.88	10106.32	10427.37
Supply of TPN distribution board (DIN type, vertical) with arcylic door, 415 volt A.C complete with all accessories without MCB/isolator/RCCB out going or incoming etc. as required					
GB0561	4 way	each	7115.70	7816.56	8285.55
GB0562	6 way	each	7678.17	8287.49	8738.05
GB0563	8way	each	9103.43	9932.81	10528.77
GB0564	12 way	each	12030.81	13252.03	14047.14
Metal Clad Plug & Socket					
Supply of double pole metal clad commercial/industrial type plug & socket outlet with earth terminal and incoming control gear MCB etc as required , 230 volt A.C					
GB0575	10A	each	1437.98	1551.17	1646.85
GB0576	20A	each	1641.23	1787.48	2014.56
Supply of 4 pole metal clad commercial/industrial type plug & socket outlet with earth terminal and incoming control gear MCB etc as required , 415 volt A.C					
GB0590	20A	each	2493.02	2766.83	2652.54
GB0591	32A	each	2696.56	3055.13	2948.54
GB0592	63A	each	5101.87	5570.48	5302.29

Code	Description	Units	PL	GP	SJ
ERECTION/INSTALLATION					
L u m i n i a r i e s I n s t a l l a t i o n					
Erection of all indoor/outdoor surface type wall bracket (single or double)/ surface ceiling fittings GLS lamps/ bulk head GLS lamp / all types call bell / all type picture or mirror lighting luminaries fittings with all accessories, fixing of lamp, testing etc. as required including connection with PVC insulated copper conductor					
EI0001	1 sq.mm single core cable 1.1 KV grade	each	30.74	30.78	30.92
EI0002	1.5 sq.mm single core cable 1.1 KV grade	each	34.54	34.64	34.75
Erection of all indoor recessed type ceiling fittings/ wall fittings, GLS lamps, fixing of lamp, testing etc. as required including connection with PVC insulated copper conductor					
EI0015	1 sq.mm single core cable 1.1 KV grade	each	50.64	50.69	50.83
EI0016	1.5 sq.mm single core cable 1.1 KV grade	each	54.44	54.55	54.66
Erection / replacement for surface or recessed GLS luminaries to make good as required					
EI0030	All types glass globe / shade	each	14.93	14.93	14.93
Installation, testing and commissioning of prewired fluorescent fittings of all surface type complete with all accessories and tubes directly on ceiling/wall as required including connection with PVC insulated copper conductor					
EI0040	1 sq.mm single core cable 1.1 KV grade	each	80.95	81.00	81.14
EI0041	1.5 sq.mm single core cable 1.1 KV grade	each	84.75	84.86	84.97
Installation, testing and commissioning of prewired fluorescent fittings of all pendant type complete with all accessories and tubes including supplying and fixing ball and socket arrangement suspension down rod of 19mm dia 18 SWG MS conduit upto 300mm length, painting and including wiring down rod with PVC insulated copper conductor					
EI0055	1 sq.mm single core cable 1.1 KV grade	each	234.47	239.35	241.28
EI0056	1.5 sq.mm single core cable 1.1 KV grade	each	241.31	246.29	248.18
Providing extra down rod with 2x1 sq.mm PVC insulated single core copper conductor cable including painting as required					
EI0070	20mm dia, 2x100 mm long	each	22.43	22.69	22.92
Installation, testing and commissioning of prewired fluorescent fittings of all recessed type complete with all accessories and tubes on ceiling including connection with PVC insulated copper conductor					
EI0080	1 sq.mm single core cable 1.1 KV grade	each	148.98	149.03	149.16
EI0081	1.5 sq.mm single core cable 1.1 KV grade	each	151.69	151.80	151.91
F a n s I n s t a l l a t i o n					
Installation, testing and commissioning of all size ceiling fan and regulator including wiring the down rod of standard length upto 300mm with PVC insulated copper conductor					
EI0095	1 sq.mm single core cable 1.1 KV grade	each	234.85	234.92	235.14
EI0096	1.5 sq.mm single core cable 1.1 KV grade	each	240.93	241.10	241.27
Supplying extra down rod of G.I Pipe (heavy duty) with 2x1 sq.mm PVC insulated single core copper conductor cable, painting, cutting, and threading etc. as required					
EI0110	15mm dia, 100 mm long	each	24.61	27.12	27.62
Installation, testing and commissioning of exhaust fan upto 450mm sweep the existing opening including making the hole to suit the size of the indicated fan making good the damages, and connection with PVC insulated copper conductor					
EI0120	1 sq.mm single core cable 1.1 KV grade	each	309.41	309.48	309.70
EI0121	1.5 sq.mm single core cable 1.1 KV grade	each	315.49	315.66	315.83

Code	Description	Units	PL	GP	SJ
Installation, testing and commissioning of exhaust fan upto 510mm sweep the existing opening including making the hole to suit the size of the indicated fan making good the damages, and connection with PVC insulated copper conductor					
EI0135	1 sq.mm single core cable 1.1 KV grade	each	461.05	461.13	461.35
EI0136	1.5 sq.mm single core cable 1.1 KV grade	each	467.13	467.31	467.48
Installation of aluminium louveres/shutters complete with a frame of all sizes in the existing opening including making good as required					
EI0150	Exhaust fan upto 510mm sweep	each	102.24	102.24	102.24
Numbering of ceiling or exhaust fan as required					
EI0160	Upto 510mm sweep	each	191.23	188.41	228.85
B u s b a r s I n s t a l l a t i o n					
Installation, testing and commissioning of prefabricated bus bar chamber with copper bus bar complete with all accessories including connections etc. as required					
EI0170	2 strips, 300/450mm length, 100A	each	1627.76	1664.02	1678.21
EI0171	4 strips, 300/450mm length, 100A	each	2446.16	2488.18	2503.55
EI0172	4 strips, 600mm length, 100A	each	4454.51	4575.32	4620.87
EI0173	4 strips, 300/450mm length, 200A	each	5139.79	5257.33	5306.64
EI0174	4 strips, 600mm length, 200A	each	5395.51	5521.11	5576.82
Installation, testing & commissioning of aluminium alloy/wrought aluminium bus bar complete with all accessories accessories to accomodate in prefabricated MS cubical control panel board including connections etc. as required					
EI0185	4 strips, 600mm length, 300A	each	4081.02	4259.64	4351.19
EI0186	4 strips, 600mm length, 400A	each	5744.23	6028.58	6166.20
EI0187	4 strips, 600mm length, 600A	each	6798.22	7089.39	7257.89
EI0188	4 strips, 900mm length, 400A	each	6320.68	6617.46	6762.93
EI0189	4 strips, 900mm length, 600A	each	7520.10	7824.14	8000.44
EI0190	4 strips, 900mm length, 800A	each	11137.97	11351.34	11452.80
EI0191	4 strips, 1350mm length, 400A	each	8460.63	8713.54	8836.78
EI0192	4 strips, 1350mm length, 600A	each	9828.11	10088.70	10242.74
EI0193	4 strips, 1350mm length, 800A	each	11747.01	11966.37	12073.86
S w i t c h F u s e U n i t s					
Installation, testing and commissioning of TPN steel encloser switch fuse unit complete with all accessories to accommodate on/in prefabricated MS surface/MS cubical control panel board including drilling holes, connections etc as required					
EI0205	20A, 415V	each	73.24	73.37	75.80
EI0206	32A, 415V	each	77.76	77.89	80.33
EI0207	63A, 415V	each	84.55	84.68	87.11
Installation, testing and commissioning of TPN/four pole steel encloser/panel mounting front drive switch fuse unit complete with all accessories to accommodate on/in prefabricated MS surface /MS cubical control panel board including drilling holes, connections etc as required					
EI0220	125A, 415V	each	94.93	98.17	101.23
Installation, testing and commissioning of TP switch fuse unit front drive four/ miniature circuit breaker (DIN type)complete with all accessories to accommodate on/in prefabricated MS surface/MS cubical control panel board including drilling holes, connections etc as required					
EI0230	32A, 415V	each	73.24	73.37	75.80
Installation, testing and commissioning of TP switch fuse unit front drive/ moulded case circuit breaker (DIN type) breaking capacity 16/25K complete with all accessories to accommodate on/in prefabricated MS surface /MS cubical control panel board including drilling holes, connections etc as required					
EI0240	125/100A, 415V	each	67.66	71.38	71.48
Installation, testing and commissioning of TP switch fuse unit front drive/ miniature circuit breaker (DIN type)complete with all accessories to accommodate on/in prefabricated MS surface/MS cubical control panel board including drilling holes, connections etc as required					
EI0250	800A, 415V	each	1348.32	1637.11	1731.88

Code	Description	Units	PL	GP	SJ
Installation, testing and commissioning of TP switch fuse unit front drive/ miniature circuit breaker/moulded case circuit breaker (DIN type)complete with all accessories to accommodate on/in prefabricated MS surface /MS cubical control panel board including drilling holes, connections etc as required					
EI0260	63A, 415V	each	88.26	102.19	106.39
F u s e S w i t c h U n i t s					
Installation, testing and commissioning of TPN steel encloser fuse switch unit complete with all accessories to accommodate on/in prefabricated MS surface/MS cubical control panel board including drilling holes, connections etc as required					
EI0270	200A, 415V	each	128.05	128.83	131.31
EI0271	315A, 415V	each	376.74	417.66	442.00
EI0272	500A, 415V	each	776.82	860.85	911.65
EI0273	630A, 415V	each	1106.90	1168.56	1234.87
Installation, testing and commissioning of TPN/four pole steel encloser/panel mounting front drive fuse switch unit complete with all accessories to accommodate on/in prefabricated MS surface /MS cubical control panel board including drilling holes, connections etc as required					
EI0285	250A, 415V	each	256.13	308.86	326.36
EI0286	400A, 415V	each	513.26	589.33	624.55
Installation, testing and commissioning of TPN/four pole steel encloser fuse switch unit complete with all accessories to accommodate on/in prefabricated MS surface /MS cubical control panel board including drilling holes, connections etc as required					
EI0300	750A, 415V	each	1313.32	1637.11	1731.88
EI0301	800A, 415V	each	1348.32	1637.11	1731.88
Installation, testing and commissioning of TP fuse switch unit front drive complete with all accessories to accommodate on/in prefabricated MS surface/MS cubical control panel board including drilling holes, connections etc as required					
EI0315	400A, 415V	each	454.45	530.51	565.73
Installation, testing and commissioning of TP fuse switch unit/ moulded case circuit breaker (DIN type) breaking capacity 36K complete with all accessories to accommodate on/in prefabricated MS surface /MS cubical control panel board including drilling holes, connections etc as required					
EI0325	250A, 415V	each	188.26	243.09	257.36
M i n i a t u r e C i r c u i t B r e a k e r (M C B)					
Installation, testing and commissioning of TPN/four pole miniature circuit breaker (DIN type) complete with all accessories to accommodate on/in prefabricated MS surface /MS cubical control panel board including drilling holes, connections etc as required					
EI0335	20A, 415V	each	73.24	73.37	75.80
EI0336	25A, 415V	each	73.24	73.37	75.80
EI0337	32A, 415V	each	77.76	77.89	80.33
EI0338	40A, 415V	each	77.76	77.89	80.33
EI0339	50A, 415V	each	84.55	84.68	87.11
EI0340	63A, 415V	each	84.55	84.68	87.11
Installation, testing and commissioning of TP miniature circuit breaker complete with all accessories to accommodate on/in prefabricated MS surface/MS cubical control panel board including drilling holes, connections etc as required					
EI0350	6A, 415V	each	68.71	68.84	71.28
EI0351	10A, 415V	each	68.71	68.84	71.28
EI0352	16A, 415V	each	68.71	68.84	71.28
EI0353	20A, 415V	each	68.71	68.84	71.28
EI0354	25A, 415V	each	73.24	73.37	75.80
EI0355	32A, 415V	each	73.24	73.37	75.80

Code	Description	Units	PL	GP	SJ
Installation, testing and commissioning of TP miniature circuit/ isolator breaker complete with all accessories to accommodate on/in prefabricated MS surface/MS cubical control panel board including drilling holes, connections etc as required					
EI0365	40A, 415V	each	68.71	68.84	71.28
EI0366	50A, 415V	each	68.71	68.84	71.28
EI0367	63A, 415V	each	77.76	77.89	80.33
Installation, testing and commissioning of SPN/DP miniature circuit breaker DIN type complete with all accessories to accommodate on/in prefabricated MS surface /MS cubical control panel board including drilling holes, connections etc as required					
EI0380	6/10/16/20A	each	68.71	68.84	71.28
Installation, testing and commissioning of SPN/DP miniature circuit breaker DIN type complete with all accessories to accommodate on/in prefabricated MS surface /MS cubical control panel board including drilling holes, connections etc as required					
EI0390	25/32/40A	each	73.17	73.30	75.73
Installation, testing and commissioning of SPN/DP miniature circuit breaker/ isolator DIN type complete with all accessories to accommodate on/in prefabricated MS surface /MS cubical control panel board including drilling holes, connections etc as required					
EI0400	50/63A	each	77.76	77.89	80.33
Moulded Case Circuit Breaker (MCCB)					
Installation, testing and commissioning of four pole moulded case circuit breaker (DIN type) breaking capacity 16/25K complete with all accessories to accommodate on/in prefabricated MS surface/MS cubical control panel board including drilling holes, connections etc as required					
EI0410	50A, 415V	each	64.91	68.06	69.99
EI0411	63A, 415V	each	64.30	68.03	67.75
Installation, testing and commissioning of four pole moulded case circuit breaker (DIN type) breaking capacity 16/25/36K/earth leakage module complete with all accessories to accommodate on/in prefabricated MS surface /MS cubical control panel board including drilling holes, connections etc as required					
EI0425	100A, 415V	each	75.71	79.08	79.54
EI0426	125A, 415V	each	75.71	79.43	79.54
Installation, testing and commissioning of four pole moulded case circuit breaker (DIN type) breaking capacity 36K/earth leakage module complete with all accessories to accommodate on/in prefabricated MS surface /MS cubical control panel board including drilling holes, connections etc as required					
EI0440	160A, 415V	each	87.34	92.36	93.34
Installation, testing and commissioning of four pole moulded case circuit breaker (DIN type) breaking capacity 36/70K/earthleakage module complete with all accessories to accommodate on/in prefabricated MS surface /MS cubical control panel board including drilling holes, connections etc as required					
EI0450	250A, 415V	each	214.14	268.96	283.24
Installation, testing and commissioning of four pole moulded case circuit breaker (DIN type) breaking capacity 70K/earth leakage module complete with all accessories to accommodate on/in prefabricated MS surface /MS cubical control panel board including drilling holes, connections etc as required					
EI0460	400A, 415V	each	477.07	553.13	588.36
EI0461	630A, 415V	each	1106.90	1168.56	1234.87
Installation, testing and commissioning of four pole moulded case circuit breaker (DIN type) breaking capacity 70K complete with all accessories to accommodate on/in prefabricated MS surface /MS cubical control panel board including drilling holes, connections etc as required					
EI0475	800A, 415V	each	1348.32	1637.11	1731.88

Code	Description	Units	PL	GP	SJ
Installation, testing and commissioning of TP moulded case circuit breaker (DIN type) breaking capacity 36K complete with all accessories to accommodate on/in prefabricated MS surface/MS cubical control panel board including drilling holes, connections etc as required					
EI0485	160A, 415V	each	76.53	81.55	82.52
Distribution Board					
Installation, testing and commissioning of SPN DB (DIN type, horizontal/vertical) with no door, metal door or arcylic door (double/single door) complete with all accessories to accommodate incoming RCCB DP 16/25A sensitivity 30/100/300mA and outgoing SP MCB 6/10/16A on/in prefabricated MS surface/MS cubical control panel board including drilling holes, connections etc. as required					
EI0495	4 way	each	120.74	120.93	124.58
Installation, testing and commissioning of SPN DB (DIN type, horizontal/vertical) with no door, metal door or arcylic door (double/single door) complete with all accessories to accommodate incoming RCCB DP 32/40A sensitivity 30/100/300mA and outgoing SP MCB 6/10/16A on/in prefabricated MS surface /MS cubical control panel board including drilling holes, connections etc. as required -					
EI0505	8 way	each	161.24	161.57	167.64
Installation, testing and commissioning of SPN DB (DIN type, horizontal/vertical) with no door, metal door or arcylic door (double/single door) complete with all accessories to accommodate incoming RCCB DP 63A sensitivity 30/100/300mA and outgoing SP MCB 6/10/16A on/in prefabricated MS surface /MS cubical control panel board including drilling holes, connections etc. as required					
EI0515	12 way	each	207.84	208.29	216.82
Installation, testing and commissioning of TPN DB (DIN type, horizontal/vertical) with no door, metal door or arcylic door (double/single door) complete with all accessories to accommodate incoming RCCB FP 16/25/32A sensitivity 30/100/300mA and outgoing SP MCB 6/10/16A on/in prefabricated MS surface /MS cubical control panel board including drilling holes, connections etc. as required					
EI0525	4 way	each	213.78	214.30	224.05
Installation, testing and commissioning of TPN DB (DIN type, horizontal/vertical) with no door, metal door or arcylic door (double/single door) complete with all accessories to accommodate incoming RCCB FP 40/63A sensitivity 30/100/300mA and outgoing SP MCB 6/10/16A on/in prefabricated MS surface /MS cubical control panel board including drilling holes, connections etc. as required					
EI0535	6 way	each	245.37	246.09	259.49
Installation, testing and commissioning of TPN DB (DIN type, horizontal/vertical) with no door, metal door or arcylic door (double/single door) complete with all accessories to accommodate incoming prefabricated MS surface /MS cubical control panel board including drilling holes, connections etc. as required					
EI0545	8 way	each	317.81	318.14	335.19
Installation, testing and commissioning of TPN DB (DIN type, horizontal/vertical) with no door, metal door or arcylic door (double/single door) complete with all accessories to accommodate incoming RCCB/ELCB/RCBO FP 125A sensitivity 30/100/300mA and outgoing SP MCB 6/10/16A on/in prefabricated MS surface /MS cubical control panel board including drilling holes, connections etc. as required					
EI0555	12 way	each	470.38	472.65	497.32
Timer Switch					
Installation, testing and commissioning of DP timer switch assembly in a case complete with all accessories to accommodate on/in prefabricated MS surface/MS cubical control panel board recessed including drilling holes, connections etc as required					
EI0565	Adjustment range either 24/24hrs or 7days/24hrs	each	84.55	84.68	87.11
Plug & Socket					
Installation, testing and commissioning of metal clad commercial/industrial type plug& socket complete with all accessories to accommodate on/in surface or recessed including drilling holes, connections etc as required					
EI0575	DP, 10/20A with earth terminal and incoming control gear DP MCB 10/20A	each	141.10	141.23	143.67
EI0576	4 pole 20A with earth terminal and incoming control gear 4 pole MCB 20A	each	254.20	254.33	256.77
EI0577	4 pole 32A with earth terminal and incoming control gear 4 pole MCB 32A	each	254.20	254.33	256.77
EI0578	4 pole 63A with earth terminal and incoming control gear 4 pole MCB 63A	each	367.30	367.44	369.87

Code	Description	Units	PL	GP	SJ
Metal Panel Board					
Providing & fixing of prefabricated panel board with minimum 50x50x6mm angle iron frame work with horizontal and vertical intermediate members of flat iron 40x6mm for mounting of switch gears incoming/ outgoing bus bar chambers including drilling holes, painting, grouting etc. as required					
EI0590	Wall/floor mounted fixed type metal board of welded construction	sq.m	1731.61	2004.23	1980.97
Providing & fixing of prefabricated panel board with minimum 50x50x6mm angle iron frame work with horizontal and vertical intermediate members of flat iron 40x6mm and 24 SWG sheet cover for mounting of switch gears incoming/ outgoing bus bars including drilling holes, insulator, painting, denting, grouting etc. as required					
EI0600	Floor mounted cubical control panel board of welded construction	cu.m	10435.98	11636.70	11877.40
Providing and fixing medium volt danger notice plate made of mild steel and painted with vitreous enamelled white paint on both sides, and with inscription in signal red colour on front side as required on prefabricated MS surface/ MS cubical control panel board on surface including drilling holes etc. as required					
EI0610	200x150x2mm	each	70.46	71.47	73.99

Code	Description	Units	PL	GP	SJ
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	4200.46	4671.48	4716.29
ET0002	With copper earth plate 600x600x3mm	each	8809.89	10031.58	8649.26
Providing and laying earth connection from earth electrodes in 15mm dia G.I pipe from earth electrodes as required as per guidance of standard earthing drawing					
ET0015	With 4.06mm dia (8SWG) G.I wire	m	145.18	171.28	175.94
ET0016	With 4.06mm dia (8SWG) copper wire	m	179.14	222.44	228.46
Providing and fixing of wire on surface or in recessed for loop earthing as required					
ET0030	With 4.06mm dia (8SWG) G.I wire	m	28.23	29.46	29.67
ET0031	With 4.06mm dia (8SWG) copper wire	m	62.20	80.62	82.20
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	19.14	20.37	20.58
ET0046	With 4.06mm dia (8SWG) copper wire	m	147.69	166.12	167.69
Providing and laying of wire at 0.5m below ground level for conductor earth electrodes including soldering etc as required					
ET0060	With 4.88mm dia (6SWG) G.I wire	m	19.24	21.35	21.59
ET0061	With 4.88mm dia (6SWG) copper wire	m	60.77	67.84	69.31
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	68.20	79.40	81.17
ET0076	25x4mm copper strip	m	526.09	677.06	694.77
ET0077	25x6mm G.I strip	m	63.95	68.88	70.36
Providing and laying of metal strip in 40mm dia G.I pipe at 0.5m below ground level from earth electrodes including soldering etc as required					
ET0090	25x4mm G.I strip	m	365.05	453.81	436.32
ET0091	25x4mm copper strip	m	822.94	1051.46	1049.91
Providing and laying of metal strip on surface or in recessed for earth connections/loop earthing as required					
ET0105	25x4mm G.I strip	m	89.13	100.34	102.11
ET0106	25x4mm copper strip	m	547.02	697.99	715.70
Providing and drawing wire for loop earthing in existing surface/ recessed PVC/MS/ steel conduit or casing capping or wooden batten along with other wires as required					
ET0120	2.032mm (14SWG) G.I wire	m	15.20	16.22	16.31
ET0121	2.032mm (14SWG) copper wire	m	27.15	30.21	30.68

Code	Description	Units	PL	GP	SJ
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	2373.52	2573.23	2689.88
LG0002	25mm dia 900mm long copper tube four prong at top with 85mm dia 3mm thick copper base plate	each	2776.88	3008.11	3124.77
LG0003	25mm dia 300mm long G.I tube single prong at top with 85mm dia 6mm thick copper base plate	each	2373.52	2573.23	2689.88
Riveting, sweating and soldering as required					
LG0015	Copper tape with another copper tape	each	56.55	56.55	56.55
LG0016	G.I tape with another G.I tape	each	56.55	56.55	56.55
Providing and fixing metal strip on parapet or surface of wall/roof for lightning conductor as required for horizontal run					
LG0030	25x4mm G.I strip	each	72.16	83.37	85.14
LG0031	25x4mm copper strip	each	530.05	681.02	698.73
Providing and fixing metal strip on parapet or surface of wall/roof for lightning conductor as required for vertical run					
LG0045	25x4mm G.I strip	each	89.13	100.34	102.11
LG0046	25x4mm copper strip	each	547.02	697.99	715.70

Code	Description	Units	PL	GP	SJ
POWER CABLE (Supply)					
Aluminium Un-armoured					
Supplying of Single Core 1.1KV grade PVC insulated and sheathed Aluminium conductor un-armoured power cables					
PC0001	150 sq.mm	m	285.52	286.26	287.27
PC0002	185 sq.mm	m	357.07	357.79	358.72
PC0003	240 sq.mm	m	455.81	458.67	463.84
PC0004	300 sq.mm	m	562.13	563.86	576.98
PC0005	400 sq.mm	m	734.61	756.74	783.18
PC0006	500 sq.mm	m	927.99	947.58	966.58
Supplying of 2-Core 1.1KV grade PVC insulated & sheathed Aluminium conductor un-armoured power cables					
PC0020	2.5 sq.mm	m	39.97	40.17	40.57
PC0021	4 sq.mm	m	62.63	63.22	63.85
PC0022	6 sq.mm	m	75.33	75.91	75.87
PC0023	10 sq.mm	m	97.13	97.46	98.26
PC0024	16 sq.mm	m	122.46	124.89	127.95
Supplying of 3-Core 1.1KV grade PVC insulated & sheathed Aluminium conductor un-armoured power cables					
PC0035	2.5 sq.mm	m	46.01	46.05	46.43
PC0036	4 sq.mm	m	76.32	76.49	77.12
PC0037	6 sq.mm	m	96.60	96.93	97.31
PC0038	10 sq.mm	m	153.58	156.85	160.97
PC0039	16 sq.mm	m	255.59	257.80	263.94
PC0040	25 sq.mm	m	195.94	196.36	196.84
Supplying of 3.5-Core 1.1KV grade PVC insulated & sheathed Aluminium conductor un-armoured power cables					
PC0050	25 sq.mm	m	235.58	235.66	237.82
PC0051	35 sq.mm	m	284.37	285.84	287.49
PC0052	50 sq.mm	m	380.26	382.48	386.48
PC0053	70 sq.mm	m	518.57	522.27	527.58
PC0054	95 sq.mm	m	654.66	661.37	665.70
PC0055	120 sq.mm	m	822.07	829.91	836.70
PC0056	150 sq.mm	m	977.30	987.24	995.32
PC0057	225 sq.mm	m	1304.04	1320.34	1441.77
PC0058	240 sq.mm	m	1623.77	1669.10	1693.11
PC0059	300 sq.mm	m	2006.43	2071.10	2084.66
PC0060	400 sq.mm	m	2553.57	2620.05	2626.61
PC0061	500 sq.mm	m	3303.14	3453.52	3512.42
PC0062	630 sq.mm	m	4389.35	4413.12	4490.89
Supplying of 4-Core 1.1KV grade PVC insulated & sheathed Aluminium conductor un-armoured power cables					
PC0075	2.5 sq.mm	m	54.15	54.95	56.22
PC0076	4 sq.mm	m	97.63	98.60	99.49
PC0077	6 sq.mm	m	116.12	117.17	117.36
PC0078	10 sq.mm	m	148.03	149.88	150.24
PC0079	16 sq.mm	m	215.44	219.23	220.25
PC0080	25 sq.mm	m	253.45	257.12	260.19
PC0081	35 sq.mm	m	330.61	340.04	346.40
PC0082	50 sq.mm	m	434.44	434.83	435.41
PC0083	70 sq.mm	m	602.19	608.65	611.02
PC0084	95 sq.mm	m	779.03	805.06	807.29
PC0085	120 sq.mm	m	972.07	987.38	998.39
PC0086	150 sq.mm	m	1184.66	1322.29	1227.68
PC0087	225 sq.mm	m	1479.12	1483.20	1495.33
PC0088	240 sq.mm	m	1941.29	1955.96	1962.62
PC0089	300 sq.mm	m	2396.83	2409.52	2425.33
PC0090	400 sq.mm	m	3028.84	3039.66	3049.81
PC0091	500 sq.mm	m	3881.84	3892.95	3911.60
PC0092	600 sq.mm	m	4887.64	4934.98	4952.76

Code	Description	Units	PL	GP	SJ
Aluminium Armoured					
Supplying of Single Core 1.1KV grade PVC insulated and sheathed Aluminium conductor armoured power cables					
PC0105	150 sq.mm	m	371.13	371.36	371.71
PC0106	185 sq.mm	m	447.31	447.60	448.05
PC0107	240 sq.mm	m	555.22	572.98	574.35
PC0108	300 sq.mm	m	674.32	682.82	689.98
PC0109	400 sq.mm	m	855.38	862.73	865.70
PC0110	500 sq.mm	m	1065.09	1073.05	1078.17
Supplying of 2- Core 1.1KV grade PVC insulated and sheathed Aluminium conductor armoured power cables					
PC0120	2.5 sq.mm	m	87.90	87.94	88.69
PC0121	4 sq.mm	m	122.55	122.85	123.85
PC0122	6 sq.mm	m	145.26	179.34	183.82
PC0123	10 sq.mm	m	165.97	225.61	230.08
PC0124	16 sq.mm	m	194.58	252.25	257.00
Supplying of 3- Core 1.1KV grade PVC insulated and sheathed Aluminium conductor armoured power cables					
PC0135	2.5 sq.mm	m	95.66	96.64	97.42
PC0136	4 sq.mm	m	132.18	134.21	137.80
PC0137	6 sq.mm	m	166.72	251.08	255.83
PC0138	10 sq.mm	m	192.78	276.59	281.62
PC0139	16 sq.mm	m	210.93	327.54	333.12
PC0140	25 sq.mm	m	257.72	259.14	261.27
Supplying of 3.5-Core 1.1KV grade PVC insulated and sheathed Aluminium conductor armoured power cables					
PC0150	25 sq.mm	m	311.11	384.09	393.59
PC0151	35 sq.mm	m	359.61	440.10	450.83
PC0152	50 sq.mm	m	486.45	555.89	569.63
PC0153	70 sq.mm	m	625.46	625.67	629.08
PC0154	95 sq.mm	m	767.39	769.13	775.43
PC0155	120 sq.mm	m	968.61	970.17	978.11
PC0156	150 sq.mm	m	1120.82	1123.76	1132.96
PC0157	225 sq.mm	m	1583.45	1583.88	1600.34
PC0158	240 sq.mm	m	1779.40	1781.97	1796.55
PC0159	300 sq.mm	m	2186.83	2193.28	2199.58
PC0160	400 sq.mm	m	2717.29	2744.65	2767.12
PC0161	500 sq.mm	m	3456.16	3458.84	3487.16
PC0162	630 sq.mm	m	4410.50	4427.02	4463.27
Supplying of 4- Core 1.1KV grade PVC insulated and sheathed Aluminium conductor armoured power cables					
PC0175	2.5 sq.mm	m	109.63	110.52	111.42
PC0176	4 sq.mm	m	156.55	160.88	162.19
PC0177	6 sq.mm	m	189.08	226.37	231.97
PC0178	10 sq.mm	m	230.28	243.73	244.55
PC0179	16 sq.mm	m	251.02	326.61	334.18
PC0180	25 sq.mm	m	322.59	333.52	325.57
PC0181	35 sq.mm	m	401.31	405.93	404.39
PC0182	50 sq.mm	m	525.39	551.27	529.35
PC0183	70 sq.mm	m	689.34	721.20	697.30
PC0184	95 sq.mm	m	871.86	902.42	869.35
PC0185	120 sq.mm	m	1069.50	1073.68	1058.72
PC0186	150 sq.mm	m	1270.18	1270.64	1311.78
PC0187	225 sq.mm	m	1690.84	1746.29	1750.14
PC0188	240 sq.mm	m	1995.53	2041.47	2140.88
PC0189	300 sq.mm	m	2472.51	2487.23	2490.83
PC0190	400 sq.mm	m	3148.19	3152.85	3153.63
PC0191	500 sq.mm	m	4008.44	4014.63	4132.21
PC0192	600 sq.mm	m	5170.43	5175.55	5265.55
Supplying of 2- Core 1.1KV grade PVC insulated and sheathed Copper conductor armoured power cables					
PC0205	2.5 sq.mm	m	87.90	87.94	88.69
PC0206	4 sq.mm	m	122.55	122.85	123.85
PC0207	6 sq.mm	m	145.26	179.34	183.82
PC0208	10 sq.mm	m	165.97	225.61	230.08
PC0209	16 sq.mm	m	194.58	252.25	257.00

Code	Description	Units	PL	GP	SJ
Supplying of 3- Core 1.1KV grade PVC insulated and sheathed Copper conductor armoured power cables					
PC0220	2.5 sq.mm	m	95.66	96.64	97.42
PC0221	4 sq.mm	m	132.18	134.21	137.80
PC0222	6 sq.mm	m	166.72	251.08	255.83
PC0223	10 sq.mm	m	192.78	276.59	281.62
PC0224	16 sq.mm	m	210.93	327.54	333.12
PC0225	25 sq.mm	m	257.72	259.14	261.27
C o m p r e s s i o n G l a n d					
Supplying 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	18.29	19.06	20.79
PC0236	22mm dia, 6sq.mm	each	23.61	24.62	26.86
PC0237	25mm dia, 10sq.mm	each	28.66	29.38	32.06
PC0238	27mm dia, 16sq.mm	each	30.22	31.76	34.65
PC0239	29mm dia, 25sq.mm	each	32.68	33.35	36.38
Supplying 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	39.41	39.70	43.31
PC0251	35mm dia, 50sq.mm	each	46.68	47.64	51.98
PC0252	38mm dia, 70sq.mm	each	50.72	54.00	58.91
PC0253	40mm dia, 95sq.mm	each	55.80	61.14	66.71
PC0254	45mm dia, 120sq.mm	each	75.89	80.99	88.36
PC0255	50mm dia, 150sq.mm	each	89.18	100.05	109.15
PC0256	55mm dia, 185sq.mm	each	104.43	111.17	121.28
PC0257	60mm dia, 225sq.mm	each	115.69	133.40	145.53
PC0258	63mm dia, 240sq.mm	each	125.17	144.52	157.66
PC0259	70mm dia, 300sq.mm	each	156.65	185.81	202.70
PC0260	78mm dia, 400sq.mm	each	187.54	233.45	254.68
PC0261	82mm dia, 500sq.mm	each	238.80	289.04	315.32
PC0262	85mm dia, 630sq.mm	each	297.32	377.97	412.34
Supplying of heavy duty brass double compression gland for 4- Core 1.1KV grade PVC insulated and sheathed Copper/ Aluminium conductor armoured/ un-armoured power cables					
PC0275	20mm dia, 4sq.mm	each	81.21	81.79	82.33
PC0276	22mm dia, 6sq.mm	each	93.34	95.50	114.42
PC0277	25mm dia, 10sq.mm	each	103.55	108.39	135.18
PC0278	27mm dia, 16sq.mm	each	106.84	127.34	151.59
PC0279	29mm dia, 25sq.mm	each	147.91	150.08	179.39
Supplying 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					
PC0290	33mm dia, 35sq.mm	each	158.74	165.24	207.54
PC0291	35mm dia, 50sq.mm	each	183.79	191.01	243.27
PC0292	38mm dia, 70sq.mm	each	214.90	222.84	272.36
PC0293	40mm dia, 95sq.mm	each	246.02	254.68	306.08
PC0294	45mm dia, 120sq.mm	each	356.68	350.18	397.39
PC0295	50mm dia, 150sq.mm	each	436.52	456.30	487.63
PC0296	55mm dia, 185sq.mm	each	551.37	573.02	579.67
PC0297	60mm dia, 225sq.mm	each	692.71	721.59	697.33
PC0298	63mm dia, 240sq.mm	each	906.31	947.46	881.77
PC0299	70mm dia, 300sq.mm	each	1338.36	1364.34	1196.87
PC0300	78mm dia, 400sq.mm	each	1595.34	1667.53	2057.34
PC0301	82mm dia, 500sq.mm	each	2190.17	2273.91	2325.88
PC0302	85mm dia, 630sq.mm	each	2607.41	2728.69	2763.34

Code	Description	Units	PL	GP	SJ
------	-------------	-------	----	----	----

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	246.67	260.47	259.94
CL0002	Above 6sq.mm to 25sq.mm	m	251.19	264.99	264.46
CL0003	Above 25sq.mm to 70sq.mm	m	253.91	267.71	267.18
CL0004	Above 70sq.mm to 150sq.mm	m	256.62	270.42	269.89
CL0005	Above 150sq.mm to 300sq.mm	m	260.24	274.04	273.51
CL0006	Above 300sq.mm to 630sq.mm	m	264.76	278.57	278.04

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	166.38	176.40	173.91
CL0021	Above 6sq.mm to 25sq.mm	m	170.91	180.93	178.43
CL0022	Above 25sq.mm to 70sq.mm	m	173.17	183.19	180.69
CL0023	Above 70sq.mm to 150sq.mm	m	175.89	185.90	183.41
CL0024	Above 150sq.mm to 300sq.mm	m	179.50	189.52	187.03

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	4.52	4.52	4.52
CL0041	Above 6sq.mm to 25sq.mm	m	5.88	5.88	5.88
CL0042	Above 25sq.mm to 70sq.mm	m	7.69	7.69	7.69
CL0043	Above 70sq.mm to 150sq.mm	m	9.95	9.95	9.95
CL0044	Above 150sq.mm to 300sq.mm	m	12.67	12.67	12.67
CL0045	Above 300sq.mm to 630sq.mm	m	15.83	15.83	15.83

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	4.52	4.52	4.52
CL0056	Above 6sq.mm to 25sq.mm	m	5.88	5.88	5.88
CL0057	Above 25sq.mm to 70sq.mm	m	7.69	7.69	7.69
CL0058	Above 70sq.mm to 150sq.mm	m	9.95	9.95	9.95
CL0059	Above 150sq.mm to 300sq.mm	m	12.67	12.67	12.67
CL0060	Above 300sq.mm to 630sq.mm	m	15.83	15.83	15.83

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	217.68	233.64	241.32
--------	--	------	--------	--------	--------

Providing and making route marker of size 150x100x6mm with necessary nuts & bolts 100mm long x 10mm dia with washer embedded in cement concrete 1:2:4, 20mm stone aggregate including inscription as required

CL0080	With cement concrete 1:2:4, 20mm stone aggregate	each	358.08	365.93	368.95
--------	--	------	--------	--------	--------

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	686.10	687.26	726.34
CL0091	3.5-Core, 25/35/50sq.mm	each	812.53	813.70	852.78
CL0092	3.5-Core, 70/95/120sq.mm	each	1065.39	1066.56	1105.64
CL0093	3.5-Core, 240/300sq.mm	each	1191.83	1192.99	1232.07
CL0094	4-Core, 16/25/35sq.mm	each	863.10	864.27	903.35
CL0095	4-Core, 50/70/95sq.mm	each	1115.97	1117.13	1156.21
CL0096	4-Core, 120/150/300sq.mm	each	1217.11	1218.28	1257.36

Code	Description	Units	PL	GP	SJ
Cable Termination with Compression Gland					
Installation, Testing and Commissioning of end termination with single/double compression gland for PVC insulated and sheathed aluminium/ copper conductor cable of 1.1KV grade including connections etc. as required					
CL0110	20/22/25mm dia	each	110.31	111.54	112.88
CL0111	27/29/33mm dia	each	151.72	151.85	154.28
CL0112	35/38/40mm dia	each	196.72	200.51	201.63
CL0113	45/50/55mm dia	each	258.08	262.00	264.26
CL0114	60/63/70mm dia	each	385.96	389.35	393.00
CL0115	78/82/85mm dia	each	756.37	761.34	763.41

Code	Description	Units	PL	GP	SJ
CONTROL CABLE					
Providing & laying PVC insulated & Sheathed Armoured Copper Control Cable, 660/1100V - 1.5 sq.mm (excluding cost of trenches/ducts)					
CC0001	2-Core	m	103.53	105.14	106.16
CC0002	3-Core	m	123.85	126.32	127.31
CC0003	4-Core	m	152.18	153.41	154.35
CC0004	5-Core	m	173.10	175.74	176.64
CC0005	6-Core	m	196.27	198.40	200.43
CC0006	7-Core	m	212.47	212.69	214.70
CC0007	10-Core	m	295.88	301.60	303.45
CC0008	12-Core	m	308.34	312.37	314.20
CC0009	14-Core	m	354.79	355.95	357.71
CC0010	16-Core	m	392.63	397.98	399.66
CC0011	19-Core	m	452.27	457.59	459.17
CC0012	24-Core	m	563.97	564.60	565.99
CC0013	27-Core	m	621.31	622.64	623.92
CC0014	30-Core	m	679.93	681.35	682.52
CC0015	37-Core	m	816.29	818.85	819.78
CC0016	44-Core	m	966.71	966.78	967.44
CC0017	52-Core	m	1121.20	1121.54	1121.93
CC0018	61-Core	m	1294.60	1296.08	1296.16
Providing & laying PVC insulated & Sheathed Armoured Copper control cable, 660/1100V - 2.5 sq.mm (excluding cost of trenches/ducts)					
CC0030	2-Core	m	132.60	132.77	133.20
CC0031	3-Core	m	166.91	167.07	167.98
CC0032	4-Core	m	205.11	209.92	210.77
CC0033	5-Core	m	240.60	245.42	246.20
CC0034	6-Core	m	279.09	284.70	285.42
CC0035	7-Core	m	310.02	310.20	310.87
CC0036	10-Core	m	402.35	412.32	412.81
CC0037	12-Core	m	470.83	476.23	476.61
CC0038	14-Core	m	552.12	552.40	557.38
CC0039	16-Core	m	627.44	631.36	636.21
CC0040	19-Core	m	716.98	726.14	730.82
CC0041	24-Core	m	918.80	919.95	921.97
CC0042	27-Core	m	1003.39	1004.23	1011.98
CC0043	30-Core	m	1118.70	1123.96	1125.64
CC0044	37-Core	m	1394.55	1395.45	1279.50
CC0045	44-Core	m	1609.83	1624.03	1630.80
CC0046	52-Core	m	1882.88	1895.32	1898.10
CC0047	61-Core	m	2187.00	2188.63	2190.90
Providing & laying PVC insulated & Sheathed Unarmoured Copper control cable, 660/1100V-1.5 sq.mm (excluding cost of trenches/ducts)					
CC0060	2-Core	m	60.52	64.12	66.38
CC0061	3-Core	m	82.28	83.87	89.63
CC0062	4-Core	m	101.66	104.48	110.21
CC0063	5-Core	m	120.42	125.17	130.87
CC0064	6-Core	m	145.66	151.85	153.98
CC0065	7-Core	m	160.09	167.26	169.36
CC0066	10-Core	m	227.30	233.54	235.53
CC0067	12-Core	m	268.38	272.87	274.78
CC0068	14-Core	m	301.27	311.24	313.09
CC0069	16-Core	m	348.25	350.88	352.66
CC0070	19-Core	m	402.80	409.60	411.27
CC0071	24-Core	m	525.09	526.96	528.46
CC0072	27-Core	m	580.76	582.43	583.82
CC0073	30-Core	m	640.10	645.17	646.47
CC0074	37-Core	m	787.15	807.14	809.37
CC0075	44-Core	m	944.19	948.69	949.51
CC0076	52-Core	m	1113.54	1115.35	1115.89
CC0077	61-Core	m	1308.83	1313.53	1314.95

Code	Description	Units	PL	GP	SJ
Providing & laying PVC insulated & Sheathed Unarmoured Copper control cable,660/1100V-2.5 sq.mm (excluding cost of trenches/ducts)					
CC0090	2-Core	m	93.48	94.34	96.15
CC0091	3-Core	m	126.47	127.12	128.31
CC0092	4-Core	m	157.08	161.00	161.55
CC0093	5-Core	m	191.90	196.99	197.88
CC0094	6-Core	m	226.94	233.44	233.45
CC0095	7-Core	m	255.22	261.66	262.65
CC0096	10-Core	m	363.42	379.36	381.65
CC0097	12-Core	m	424.89	450.32	452.15
CC0098	14-Core	m	488.36	518.93	521.65
CC0099	16-Core	m	567.44	588.42	589.59
CC0100	19-Core	m	655.28	689.38	690.88
CC0101	24-Core	m	840.89	864.29	866.54
CC0102	27-Core	m	943.69	964.83	968.57
CC0103	30-Core	m	1046.40	1066.30	1069.18
CC0104	37-Core	m	1288.07	1307.83	1311.22
CC0105	44-Core	m	1528.00	1547.22	1550.06
CC0106	52-Core	m	1803.06	1816.23	1819.65
CC0107	61-Core	m	2109.83	2121.51	2125.54

Code	Description	Units	PL	GP	SJ
------	-------------	-------	----	----	----

POLE & ACCESSORIES

Compound/Street Light Pole

Supplying of street light/compound light MS tubular pole 50/60mm outer dia having a base plate 250x250x5.4mm, entry hole of 40mm dia 1.1m from bottom and strude bolt as earth terminal complete as required

PA0001	5.5m, 4.5mm thick	each	3201.66	3233.68	3266.01
PA0002	5.5m, 4.8mm thick	each	3335.06	3368.41	3402.09
PA0003	5.5m, 5.4mm thick	each	3535.17	3570.52	3606.23
PA0004	8.5m, 151kg	each	5302.75	5355.78	5409.33
PA0005	8.5m, 148kg	each	5136.00	5187.36	5239.22
PA0006	8.5m, 141kg	each	5136.00	5187.36	5239.22

Erection of steel tubular pole 5.5m 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

PA0020	At dead end	each	755.57	781.42	801.05
PA0021	At middle	each	751.35	776.61	795.97
PA0022	Junction of three way	each	747.71	772.36	791.46

Erection of steel tubular pole 8.5m 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

PA0035	At dead end	each	2419.15	2544.66	2623.06
PA0036	At middle	each	2419.15	2544.66	2623.06
PA0037	Junction of three way	each	2419.15	2544.66	2623.06

Erection of junction box and pole cap with arm bracket including wiring with PVC insulated copper conductor cable 1.1KV grade 2x2.5sq.mm through the existing pole & arm bracket from junction box including erection of street light fixtures, lamps, connection, testing etc. complete as required

PA0050	Single arm	each	842.92	850.24	862.92
PA0051	Double arm	each	1253.24	1261.77	1281.12
PA0052	Triple arm	each	1725.05	1734.78	1760.80

Erection of post lamp fixtures including wiring with PVC insulated copper conductor cable 1.1KV grade 2x1.5 sq.mm through the existing pole from junction box including erection of post top lamp fixtures, lamps, connection, testing etc. complete as required

PA0065	Post top lamp fixtures	each	306.82	310.57	312.77
--------	------------------------	------	--------	--------	--------

Providing and installation of street/compound light pole earthing including connections, testing etc. complete as required including excavation and refilling

PA0075	With G.I earth spike 1.8m	each	488.60	495.09	496.32
PA0076	With G.I Wire 8 SWG	each	544.83	559.58	562.13

Supplying of pole cap with arm bracket 1.1m long and outer dia 50/60mm having inner pole & outer tightened bolt etc. complete as required for the top section of pole

PA0090	Single arm	each	3335.06	3501.82	3835.32
PA0091	Double arm	each	6003.11	6303.27	6903.58
PA0092	Triple arm	each	8671.16	9104.72	9971.84

Supplying 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

PA0105	MS junction box out door duty	each	863.94	907.14	993.53
--------	-------------------------------	------	--------	--------	--------

Code	Description	Units	PL	GP	SJ
------	-------------	-------	----	----	----

TELEPHONE WIRES & CABLES

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	2 pair	each	22.56	22.67	22.78
TC0002	5 pair	each	38.64	41.27	41.60

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	each	126.83	127.97	128.34
TC0011	50 pair	each	293.52	296.32	296.80
TC0012	100 pair	each	533.92	536.46	536.56

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	each	189.71	191.50	193.24
TC0021	50 pair	each	349.76	353.10	353.82
TC0022	100 pair	each	592.75	598.48	599.55

Code	Description	Units	PL	GP	SJ
------	-------------	-------	----	----	----

AIR CONDITIONERS

Providing & fixing Window Type Air Conditioners

AC0001	1 tonne, window type	each	46230.36	48971.75	49890.41
AC0002	1.5 tonne, window ty	each	52970.10	54614.94	56948.04
AC0003	2 tonne, window type	each	59076.99	61993.37	64005.67

Providing & fixing Split Type Air Conditioners

AC0015	1 tonne, split type	each	67855.28	69459.29	71063.29
AC0016	1.5 tonne, split typ	each	78412.56	79579.11	85178.55
AC0017	2 tonne, split type	each	110638.50	114138.15	120466.69

Code	Description	Units	PL	GP	SJ
------	-------------	-------	----	----	----

DISMANTLING & DEMOLITION

Electrical wiring and Fittings

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	55.26	55.26	55.26
DS0002	medium point	point	110.53	110.53	110.53
DS0003	long point	point	167.56	167.56	167.56
DS0004	Circuit, submain wiring, general wiring	m	26.38	26.38	26.38

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

DS0015	Pendent/ recessed/ surface	each	12.26	12.26	12.26
--------	----------------------------	------	-------	-------	-------

Code	Description	Units	PL	GP	SJ
CIVIL WORK					
Earth Work					
Surface dressing of ground, including removal of vegetations & inequalities < 150mm deep, disposal of rubbish within 50m lead and 1.5m lifts					
CV0001	Ordinary Soil	sq.m	6.73	6.73	6.73
CV0002	Hard Soil	sq.m	9.45	9.45	9.45
Excavation in foundation trenches or drains, width <1.5m, area <10 sq.m in plan, depth >300mm including dressing & ramming, disposal of surplus soil within 50m lead & 1.5m lift					
CV0015	Ordinary Soil	cu.m	91.12	91.12	91.12
CV0016	Hard Soil	cu.m	116.78	116.78	116.78
CV0017	Ordinary rock with out blasting	cu.m	334.41	334.41	334.41
CV0018	Hard rock requiring chiselling	cu.m	732.58	732.58	732.58
Hand excavation and refilling in layers < 200mm, of trenches for pipes & sockets, cables, including dressing of sides/ ramming of bottom, depth upto 1.5m, disposal of surplus material within lead of 50m: Ordinary Soil					
CV0030	Pipes, cables etc. 80mm to 300mm dia	m	115.65	115.65	115.65
CV0031	Pipes, cables etc. > 300mm dia	m	180.52	180.52	180.52
Hand excavation and refilling in layers < 200mm, of trenches for pipes & sockets, cables, including dressing of sides/ ramming of bottom, depth upto 1.5m, disposal of surplus material within lead of 50m: Hard Soil					
CV0045	Pipes, cables etc. 80mm to 300mm dia	m	135.46	135.46	135.46
CV0046	Pipes, cables etc. > 300mm dia	m	211.44	211.44	211.44
Hand excavation and refilling in layers < 200mm, of trenches for pipes & sockets, cables, including dressing of sides/ ramming of bottom, depth upto 1.5m, disposal of surplus material within lead of 50m: Ordinary rock					
CV0060	Pipes, cables etc. 80mm to 300mm dia	m	468.46	468.46	468.46
CV0061	Pipes, cables etc. > 300mm dia	m	539.03	539.03	539.03
Hand excavation and refilling in layers < 200mm, of trenches for pipes & sockets, cables, including dressing of sides/ ramming of bottom, depth upto 1.5m, disposal of surplus material within lead of 50m: Hard rock requiring chiselling					
CV0075	Pipes, cables etc. 80mm to 300mm dia	m	934.32	934.32	934.32
CV0076	Pipes, cables etc. > 300mm dia	m	1075.21	1075.21	1075.21
Filling of trenches, sides of foundations etc. in layers <200mm , ramming etc. within lead 50 m & lift 1.5m					
CV0090	Using selected excavated earth	cu.m	58.69	58.69	58.69
CV0091	Using sand	cu.m	304.68	395.66	442.88
Open timbering over areas including lagging & strutting of trenches, cuts (per sq.m face area timbered)					
CV0105	Depth not exceeding	sq.m	109.54	96.77	94.50
CV0106	1.5m < depth < 3 m	sq.m	111.83	99.05	96.78
CV0107	Depth > 3 m	sq.m	115.82	103.05	100.78
Close timbering over areas including lagging & strutting of trenches, cuts (per sq.m face area timbered)					
CV0120	Depth not exceeding	sq.m	305.21	267.48	260.77
CV0121	1.5m < depth < 3m	sq.m	311.24	273.51	266.80
CV0122	3m < depth < 4.5m	sq.m	317.25	279.52	272.81

Code	Description	Units	PL	GP	SJ
Cement Concrete					
Providing & laying cement concrete excluding the cost of centering and shuttering					
CV0135	1:2:4, 20mm aggregates	cu.m	3509.35	4041.30	4297.49
CV0136	1:2:4, 40mm aggregates	cu.m	3472.67	4000.95	4213.08
CV0137	1:3:6, 40mm aggregates	cu.m	2882.09	3285.45	3469.23
CV0138	1:3:6, 50mm aggregates	cu.m	2587.54	2928.12	3097.32
CV0139	1:5:10, 50mm aggregates	cu.m	2357.79	2649.40	2807.23
CV0140	1:5:10, 40mm aggregates	cu.m	2357.79	2649.40	2807.23
Centering & Shuttering					
Providing & fixing centering and shuttering (formwork), including strutting, propping etc. and removal of formwork					
CV0150	Foundation and plinth	sq.m	238.21	218.39	214.86
Brick Work					
Providing and laying second class brick work in foundation and plinth					
CV0160	In cement mortar 1:4	cu.m	4442.73	4823.73	4674.15
Plaster					
Providing & laying 12mm cement plaster					
CV0170	In cement mortar 1:6	sq.m	82.05	87.98	89.75
Cement Mortar					
CV0180	Cement mortar 1:4	cu.m	2726.67	3301.13	3462.46
CV0181	Cement mortar 1:6	cu.m	1960.83	2372.07	2495.49

COST INDEX (ELECTRIFICATION WORKS)**SAMPLE CALCULATION**

Sl.No.	Description	Unit	Basic Rate BSR - 2001 at Base Town	Rate 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	8.50	0.28	
2	Control gears**	each	1522.17	1536.78	0.96	5.00	0.05	
3	Luminaries *	each	292.00	310.63	6.38	39.00	2.49	
4	Conduits^^	m	68.86	77.46	12.49	16.00	2.00	
5	Switch & Socket^^	each	203.25	271.00	33.33	6.50	2.17	
6	Labour:Average I to IV	each	128.75	128.75	0.00	25.00	0.00	

100.00

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

** Average of DBs & MCBs (commonly used)

* Average on Luminaries (commonly used)

^^ Average of Switch and Sockets

^^ Conduits (Specify the type/materials)

Cost Index = 6.98 %

Note:

I Procedure for calculation of cost Index:

- a) Col.(4) = Basic rates at nearest base town
b) Col.(5) = Rates at the project location
c) Col.(6) = $[(\text{col.5}/\text{col.4}) - 1] \times 100$
d) Col.(7) = Weightage shall remain fixed
e) Col.(8) = $\{\text{Col.}(6) \times \text{Col.}(7)\} / 100$

II The cost index shall not be applicable for:

- a) All basic rates
b) Any works where only labour is involved such as:
- Dismantling and demolition.
- Earth work
- Installation, testing, commissioning

For such works actual labour requirement shall be worked out and additional amount added for any increase in labour rates

II Procedure for calculation of rates at the project location

- a) To derive the approximate item rate at any location, the BSR item rates of the nearest base town shall be enhanced by the cost index calculated above.
b) Same weightage shall be applicable for similar works at any location

List of Approved Electrical Material Brands

ELECTRICAL MATERIALS

Sl. No.	Materials	Approved Brands	
1	LAMPS		
a.	Incandescent/GLS lamps	Wipro, Halonix	
b.	Fluorescent tube light	Wipro, Halonix	
c.	CFLs	Victoria, Wipro, Halonix	
d.	HID lamps (mercury vapour lamp, sodium vapour lamp, metal halide lamp)	Wipro, Halonix	
e.	Halogen lamps	Wipro, Halonix	
2	LUMINARIES/FIXTURES		
a.	Outdoor lighting/Indoor Lighting	Decon,Command,Schreder	
3	SWITCHES, SOCKETS & WIRING ACCESSORIES		
		Category "A"	Category "B"
		MK India(Aspect,Blenze,Wraparound, Wraparound Plus,Ivory)CPL(Synchro,Flirt), Legrand(Arteor,Mosaic,Myline), Goldmedal(Curve),Crabtree	Goldmedal(Essenza,Eikon),Pointer Newlike
4	WIRES & CABLES		
a.	Domestic wires (0.5 sq.mm to 10 sq.mm, 1100V grade)	Payal, Polycab, Emgee, RR Kabel, Ajanta,Havells,Royal Cables,Mescab, Goldmedal,ATC,Rallison,MW,KEI,Unicab,Richa,V-guard,Primecab	
b.	LT Power cables (2.5 sq.mm to 600 sq.mm)	Richa, Polycab, Emgee,RR Kabel, Ajanta,Havells,Mescab,ATC,Rallison,KEI,Unicab,V-guard,Primecab	
5	LV SWITCHGEARS		
		Category "A"	Category "B"
a.	MCB	Legrand	Havells,Geco
b.	MCCB	Legrand,Havells	
c.	RCCB/ELCB/RCBO	Legrand	Havells
d.	Isolators	Legrand	Havells,Geco
e.	Distribution Boards	Legrand,Havells(Double door) Hensel	Havells(Single door),Geco
f.	Busbars & busbar chambers	Hensel	Geco
g.	Industrial Plugs & sockets	Hensel	Geco
h.	Control Panels	Hensel	
6	FANS		
a.	Celing/exhaust/pedestral/wall/table fans	Orient, Berlia (ceiling fans only)	
7	ELECTRIC WATER HEATERS		
a.		Venus, Berlia, Racold	
8	PVC CASING CAPPING & FITTINGS		
a.		Richa, Precision	
9	PVC CONDUIT & FITTINGS		
a.		Richa, Precision, Harsh	
10	MS CONDUIT & FITTINGS		
a.		BEC,MCC	

MINISTRY OF WORKS & HUMAN SETTLEMENT
DEPARTMENT OF ENGINEERING SERVICES

Thimphu: Bhutan. Tel: +975-2-326793/324432/321571/327451

Fax: +975-2-324337

Website: www.mowhs.gov.bt