

ROYAL GOVERNMENT OF BHUTAN



BHUTAN SCHEDULE OF RATES (Electrical)  
2012

MINISTRY OF WORKS & HUMAN SETTLEMENT  
DEPARTMENT OF ENGINEERING SERVICES

**MINISTRY OF WORKS AND HUMAN SETTLEMENT**



**DEPARTMENT OF ENGINEERING SERVICES**

**BHUTAN SCHEDULE OF RATES (ELECTRICAL)**

2012

**Foreword**

The Department of Engineering Services of the Ministry of Works and Human Settlement is pleased to publish the “Bhutan Schedule of Rates” (BSR)-2012 for Electrical Works.

The BSR -2012 has been revised and published taking into consideration the substantial fluctuation in prices of materials and labour over the period. The BSR has been refined so that it benefits all the users and meets the objective of preparing a realistic cost estimate of the proposed work. This document serves as guide to the Engineers/site Engineers for execution of works, measurements and rates.

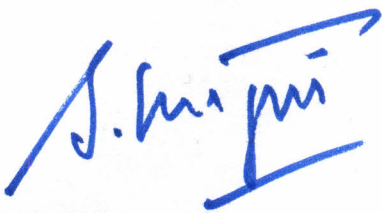
The rates in the BSR are based on market prices of materials collected from the hardware shops in the three base towns of Phuntsholing, Gelephu & Samdrupjongkhar and other Government and private agencies within Bhutan during the period mid July - September 2012. Since there are various brands of materials available in the market for each item, the BSR reflect only the average price. The prices collected are of those materials approved by the Bhutan Standards Bureau (BSB).

The BSR contains only the commonly used items, the new and high standard items are to be workout and analyzed by the concern engineers for execution of the work along with the labour and material co-efficient. The categorization of the material is discontinued.

Sample cost indices tables 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.

Any comments and/or suggestions pertaining to this publication may be brought to the notice of BSR section under Department of Engineering Services.

I am sure that these Specifications will be useful to all concerned in the building industry in general and DES in particular.



**Dr. Sonam Tenzin**  
**Hon'ble Secretary,**  
**Ministry of Works and Human Settlement**  
**Thimphu.**

Date: 15/3/2013

## Disclaimer

The BSR (Electrical) -2012 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 -2012 directly or indirectly. However, this may be used by other Ministries and departments, private bodies & individuals at their own discretion.

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## Bhutan Schedule of Rates (Electrical) - 2012

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### **Preface:**

1. Bhutan Schedule of Rates (Electrical) - 2012 is the revised edition of Bhutan Schedule of Rates (Electrical) - 2011.
2. The rates shown for all built-up items are for up to 10 km radius and is inclusive of:-
  - i. 5% for inherent wastages of materials occurring in the works, and miscellaneous material and labour.
  - ii. 10% for overhead charges.
  - iii. 1% for tools and plants.
3. The built-up items are based on the Labour and Material Coefficients - 2012 with the applicable percentages as mention above.
4. This schedule of rates is based on the study of current market rates of materials collected from the three base towns of Phuntsholing, Samdrupjongkha and Gelephu during the period July-September 2012. Users are suggested to update rates accordingly with the prevailing market rates.
5. The following are the salient features of the BSR- 2012:-
  - i. The Bhutan Schedule of Rates 2012 reflects only the suggestive average market rates of 2011.
  - ii. The categorization of the materials into category A and Category B has been discontinued.
  - iii. For the Trunking Cable Management System of wiring, the comprehensive built-up rates are not incorporated due to unavailability of Labour & Material Co-efficient.
6. The BSR- 2012 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.

## Bhutan Schedule of Rates (Electrical) - 2012

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7. This Schedule shall be read along with “Specifications for Electrical materials and Works- 2012” and “Labour and Material Coefficients - 2012”.
8. Generally, the basic rates of materials, incorporated in this Schedule pertain to average rates of the most available brands.
9. List of approved brands, as applicable at the time of publication of BSR - 2012, is provided at the last page of the BSR. However, please note that this list is reviewed from time to time. The latest list is available on [www.bsb.gov.bt](http://www.bsb.gov.bt)
10. Sample Calculation of cost indices has been detailed and provided at the last page of the BSR.
11. BSR contains only the commonly used items, the new items may be workout and analyzed by the engineers as may be relevant.

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**BASIC RATES:-**

**- LABOUR**

**- MATERIALS**

Code	Description	Units	PL	GP	SJ
<b>BASIC RATES - LABOUR</b>					
<b>Bhutanese National Labour</b>					
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
<b>Statutory-On-Cost Allowances</b>					
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
<b>Built-up Trade Rates</b>					
<b>Category 1</b>					
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
<b>Category 2</b>					
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
<b>Category 3</b>					
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
<b>Category 4</b>					
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
<b>Category 5</b>					
LB0075	Labourer (Male)	day	178.76	178.76	178.76
LB0076	Labourer (Female)	day	178.76	178.76	178.76
<b>Labour ( Market Rate)</b>					
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
<b>ELECTRICAL MATERIALS</b>					
<b>Cables</b>					
<b>PVC insulated single core Aluminium conductor, 440V G</b>					
MT4001	1.5 sq.mm	m	2.10	2.71	2.73
MT4002	2.5 sq.mm	m	3.34	3.51	4.08
MT4003	4 sq.mm	m	5.14	5.36	5.74
MT4004	6 sq.mm	m	6.68	6.40	6.97
MT4005	10 sq.mm	m	10.54	10.00	10.44
MT4006	16 sq.mm	m	15.13	15.27	17.72
MT4007	25 sq.mm	m	24.14	24.40	26.63
MT4008	35 sq.mm	m	42.79	43.66	44.38
MT4009	50 sq.mm	m	51.96	52.27	57.63
MT4010	70 sq.mm	m	68.74	70.47	74.76
<b>PVC insulated &amp; sheathed single core Aluminium conductor, 440V G</b>					
MT4020	1.5 sq.mm	m	4.18	4.44	4.87
MT4021	2.5 sq.mm	m	5.20	6.21	6.84
MT4022	4 sq.mm	m	6.39	6.71	7.84
MT4023	6 sq.mm	m	8.18	9.73	9.18
MT4024	10 sq.mm	m	10.90	11.99	12.83
MT4025	16 sq.mm	m	17.72	18.22	20.31
MT4026	25 sq.mm	m	22.00	24.80	27.67
MT4027	35 sq.mm	m	27.19	29.06	33.57
MT4028	50 sq.mm	m	36.71	39.91	41.41
MT4029	70 sq.mm	m	68.10	69.30	70.53
<b>Flat PVC insulated &amp; sheathed 440 Volt 2-Core Aluminium conductor</b>					
MT4040	1.5 sq.mm	m	6.48	7.17	7.34
MT4041	2.5 sq.mm	m	8.91	9.62	9.63
MT4042	4 sq.mm	m	12.45	13.28	14.62
MT4043	6 sq.mm	m	18.69	24.48	26.29
<b>PVC insulated single core Aluminium conductor cable 1.1KV</b>					
MT4055	35 sq.mm	m	75.70	76.31	77.09
MT4056	185 sq.mm	m	206.33	225.04	232.05
MT4057	300 sq.mm	m	366.60	369.99	370.29
MT4058	600 sq.mm	m	608.19	612.90	619.78
MT4059	800 sq.mm	m	795.00	800.08	802.02
<b>PVC insulated Single Core Copper conductor (1.1KV)</b>					
MT4070	1 sq.mm	m	9.95	10.55	10.92
MT4071	1.5 sq.mm	m	15.81	16.67	17.41
MT4072	2 sq.mm	m	20.80	20.81	21.31
MT4073	2.5 sq.mm	m	28.10	29.07	30.14
MT4074	4 sq.mm	m	39.43	40.00	41.78
MT4075	6 sq.mm	m	54.44	54.74	56.82
MT4076	10 sq.mm	m	98.36	99.54	100.41
MT4077	16 sq.mm	m	139.63	141.58	146.20
MT4078	25 sq.mm	m	242.46	246.10	250.97
MT4079	35 sq.mm	m	324.38	327.53	246.69
MT4080	50 sq.mm	m	428.83	430.94	441.26
MT4081	70 sq.mm	m	506.28	509.23	511.46
MT4082	150 sq.mm	m	1227.05	1238.44	1249.93
<b>Flat PVC insulated &amp; sheathed 440 Volt 2-Core Copper conductor</b>					
MT4095	1.5 sq.mm	m	31.30	32.03	35.99
MT4096	2.5 sq.mm	m	51.36	52.63	55.75
MT4097	4 sq.mm	m	67.82	68.28	70.35
MT4098	6 sq.mm	m	85.19	85.32	88.49

Code	Description	Units	PL	GP	SJ
<b>Power Cables (1.1kV) Single Core Aluminium-Armoured, PVC insulated &amp; sheathed</b>					
MT4110	150 sq.mm	m	323.46	329.45	334.97
MT4111	185 sq.mm	m	391.71	393.56	406.72
MT4112	240 sq.mm	m	488.82	492.62	492.90
MT4113	300 sq.mm	m	588.89	593.84	601.35
MT4114	400 sq.mm	m	741.33	745.77	747.41
MT4115	500 sq.mm	m	923.29	933.14	938.12
<b>Power Cables (1.1kV) 2- Core Aluminium-Armoured, PVC insulated &amp; sheathed</b>					
MT4125	2.5 sq.mm	m	76.86	77.20	78.02
MT4126	4 sq.mm	m	107.83	107.97	109.32
MT4127	6 sq.mm	m	131.38	143.73	144.30
MT4128	10 sq.mm	m	144.67	166.92	177.48
MT4129	16 sq.mm	m	169.30	170.23	170.90
<b>Power Cables (1.1kV) 3- Core Aluminium-Armoured, PVC insulated &amp; sheathed</b>					
MT4140	2.5 sq.mm	m	83.65	84.50	85.19
MT4141	4 sq.mm	m	115.42	128.34	131.80
MT4142	6 sq.mm	m	149.16	166.83	177.29
MT4143	10 sq.mm	m	163.23	176.75	180.30
MT4144	16 sq.mm	m	183.15	187.95	198.32
MT4145	25 sq.mm	m	225.64	225.75	233.19
<b>Power Cables (1.1kV) 3.5-Core Aluminium - Armoured, PVC insulated &amp; sheathed</b>					
MT4155	25 sq.mm	m	270.67	295.15	299.67
MT4156	35 sq.mm	m	311.85	319.54	323.49
MT4157	50 sq.mm	m	423.11	429.44	433.05
MT4158	70 sq.mm	m	542.84	561.45	571.24
MT4159	95 sq.mm	m	667.44	671.63	698.23
MT4160	120 sq.mm	m	799.29	802.35	812.13
MT4161	150 sq.mm	m	971.32	984.07	994.29
MT4162	185 sq.mm	m	1207.88	1338.94	1359.14
MT4163	225 sq.mm	m	1373.11	1385.04	1499.77
MT4164	240 sq.mm	m	1543.72	1711.63	1728.40
MT4165	300 sq.mm	m	1858.08	1877.17	1925.38
MT4166	400 sq.mm	m	2352.33	2369.03	2571.89
MT4167	500 sq.mm	m	2997.65	2997.85	2999.75
MT4168	630 sq.mm	m	3821.52	3823.50	3829.18
<b>Power Cables (1.1kV) 4-Core Aluminium - Armoured, PVC insulated &amp; sheathed</b>					
MT4180	2.5 sq.mm	m	95.86	96.65	97.43
MT4181	4 sq.mm	m	139.94	149.09	150.53
MT4182	6 sq.mm	m	167.90	168.18	170.14
MT4183	10 sq.mm	m	202.68	205.25	207.34
MT4184	16 sq.mm	m	224.57	230.24	233.89
MT4185	25 sq.mm	m	279.45	286.66	275.88
MT4186	35 sq.mm	m	350.69	353.79	359.25
MT4187	50 sq.mm	m	456.55	461.83	462.96
MT4188	70 sq.mm	m	596.94	598.26	603.38
MT4189	95 sq.mm	m	755.12	756.65	761.08
MT4190	120 sq.mm	m	929.92	855.56	984.56
MT4191	150 sq.mm	m	1101.63	1125.45	1168.84
MT4192	225 sq.mm	m	1469.19	1527.06	1531.53
MT4193	240 sq.mm	m	1728.86	1738.07	1840.85
MT4194	300 sq.mm	m	2135.60	2157.07	2167.25
MT4195	400 sq.mm	m	2727.85	2773.81	2783.09
MT4196	500 sq.mm	m	3471.49	3496.25	3521.38
MT4197	630 sq.mm	m	4478.81	4493.32	4497.80

Code	Description	Units	PL	GP	SJ
<b>Power Cables (1.1kV) Single Core Aluminium-Unarmoured, PVC insulated &amp; sheathed</b>					
MT4210	150 sq.mm	m	248.19	253.13	258.48
MT4211	185 sq.mm	m	310.78	314.15	325.79
MT4212	240 sq.mm	m	396.60	402.43	424.24
MT4213	300 sq.mm	m	487.16	493.03	507.82
MT4214	400 sq.mm	m	639.54	718.37	732.94
MT4215	500 sq.mm	m	805.71	837.85	854.09
<b>Power Cables (1.1kV) 2- Core Aluminium-Unarmoured, PVC insulated &amp; sheathed</b>					
MT4230	2.5 sq.mm	m	34.73	35.13	35.48
MT4231	4 sq.mm	m	55.13	58.89	59.17
MT4232	6 sq.mm	m	65.35	66.75	67.34
MT4233	10 sq.mm	m	84.70	90.11	94.57
MT4234	16 sq.mm	m	106.11	108.68	110.56
<b>Power Cables (1.1kV) 3- Core Aluminium-Unarmoured, PVC insulated &amp; sheathed</b>					
MT4245	2.5 sq.mm	m	40.16	40.27	40.60
MT4246	4 sq.mm	m	67.37	67.44	70.63
MT4247	6 sq.mm	m	84.28	89.63	91.39
MT4248	10 sq.mm	m	133.09	132.86	133.84
MT4249	16 sq.mm	m	152.15	196.47	200.54
MT4250	25 sq.mm	m	170.38	172.68	174.75
<b>Power Cables (1.1kV) 3.5-Core Aluminium - Unarmoured, HD, PVC insulated &amp; sheathed</b>					
MT4260	25 sq.mm	m	207.29	218.23	208.23
MT4261	35 sq.mm	m	246.34	259.38	248.70
MT4262	50 sq.mm	m	331.58	338.78	345.31
MT4263	70 sq.mm	m	451.99	465.68	470.90
MT4264	95 sq.mm	m	568.14	573.14	603.75
MT4265	120 sq.mm	m	738.79	742.29	751.11
MT4266	150 sq.mm	m	846.74	858.32	906.91
MT4267	185 sq.mm	m	1075.14	1085.09	1107.82
MT4268	225 sq.mm	m	1301.00	1353.06	1363.85
MT4269	240 sq.mm	m	1410.98	1576.03	1628.70
MT4270	300 sq.mm	m	1738.72	1950.55	2041.97
MT4271	400 sq.mm	m	2219.57	2470.31	2566.24
MT4272	500 sq.mm	m	2862.84	3218.73	3384.31
MT4273	630 sq.mm	m	3805.44	3840.04	3954.73
<b>Power Cables (1.1kV) 4-Core Aluminium - Unarmoured, PVC insulated &amp; sheathed</b>					
MT4285	2.5 sq.mm	m	47.35	48.05	53.08
MT4286	4 sq.mm	m	87.94	90.36	101.00
MT4287	6 sq.mm	m	104.73	108.98	117.81
MT4288	10 sq.mm	m	133.41	135.53	148.44
MT4289	16 sq.mm	m	190.63	198.10	205.40
MT4290	25 sq.mm	m	224.55	241.17	253.35
MT4291	35 sq.mm	m	285.60	311.43	334.61
MT4292	50 sq.mm	m	377.69	410.12	437.83
MT4293	70 sq.mm	m	522.45	564.62	595.88
MT4294	95 sq.mm	m	678.49	744.50	770.63
MT4295	120 sq.mm	m	844.87	914.96	957.04
MT4296	150 sq.mm	m	1026.55	1171.39	1184.71
MT4297	225 sq.mm	m	1282.96	1296.99	1471.74
MT4298	240 sq.mm	m	1684.16	1813.95	1852.48
MT4299	300 sq.mm	m	2096.98	2099.81	2122.23
MT4300	400 sq.mm	m	2643.89	2645.22	2650.47
MT4301	500 sq.mm	m	3367.72	3378.69	3397.77
MT4302	630 sq.mm	m	4240.81	4243.17	4397.49

Code	Description	Units	PL	GP	SJ
<b>Power Cables (1.1kV) 2- Core Copper-Armoured, PVC insulated &amp; sheathed</b>					
MT4315	2.5 sq.mm	m	95.97	97.18	97.69
MT4316	4 sq.mm	m	148.59	157.86	156.33
MT4317	6 sq.mm	m	250.69	270.78	274.73
MT4318	10 sq.mm	m	380.22	394.13	397.56
MT4319	16 sq.mm	m	507.94	502.00	504.57
<b>Power Cables (1.1kV) 3- Core Copper-Armoured, PVC insulated &amp; sheathed</b>					
MT4330	2.5 sq.mm	m	127.28	127.67	151.82
MT4331	4 sq.mm	m	238.39	236.04	244.90
MT4332	6 sq.mm	m	329.52	322.97	356.91
MT4333	10 sq.mm	m	519.32	510.22	512.47
MT4334	16 sq.mm	m	694.02	682.89	694.90
MT4335	25 sq.mm	m	1114.10	1116.68	1185.97
<b>Power Cables (1.1kV) 3.5-Core Copper - Armoured, PVC insulated &amp; sheathed</b>					
MT4345	25 sq.mm	m	1336.77	1336.74	1351.19
MT4346	35 sq.mm	m	1734.95	1738.87	1792.74
MT4347	50 sq.mm	m	2456.56	2488.78	2501.48
<b>Power Cables (1.1kV) 4-Core Copper - Armoured, PVC insulated &amp; sheathed</b>					
MT4360	4 sq.mm	m	312.78	326.64	375.92
MT4361	6 sq.mm	m	431.63	432.62	453.50
MT4362	10 sq.mm	m	648.76	651.22	655.21
MT4363	16 sq.mm	m	918.44	936.19	957.79
MT4364	25 sq.mm	m	1472.90	1498.86	1502.18
MT4365	35 sq.mm	m	2004.54	2028.36	2088.66
MT4366	50 sq.mm	m	2799.62	2825.86	3074.47
<b>Power Cables (1.1kV) 2- Core Copper-Unarmoured, PVC insulated &amp; sheathed</b>					
MT4380	2.5 sq.mm	m	73.79	74.88	78.98
MT4381	4 sq.mm	m	158.06	170.80	182.49
MT4382	6 sq.mm	m	219.59	230.80	233.87
MT4383	10 sq.mm	m	355.25	357.21	376.99
MT4384	16 sq.mm	m	484.42	500.77	522.16
<b>Power Cables (1.1kV) 3- Core Copper-Unarmoured, PVC insulated &amp; sheathed</b>					
MT4395	2.5 sq.mm	m	158.67	160.81	168.88
MT4396	4 sq.mm	m	227.20	232.94	246.48
MT4397	6 sq.mm	m	334.95	339.72	359.34
MT4398	10 sq.mm	m	446.79	450.11	460.61
MT4399	16 sq.mm	m	597.16	615.51	618.87
MT4400	25 sq.mm	m	655.90	680.95	778.36
<b>Power Cables (1.1kV) 3.5-Core Copper - Unarmoured, PVC insulated &amp; sheathed</b>					
MT4410	25 sq.mm	m	1045.44	1066.85	1141.93
MT4411	35 sq.mm	m	1234.97	1240.55	1483.80
MT4412	50 sq.mm	m	1778.96	1798.97	1819.35
<b>Power Cables (1.1kV) 4-Core Copper - Unarmoured, PVC insulated &amp; sheathed</b>					
MT4425	4 sq.mm	m	205.05	218.01	222.44
MT4426	6 sq.mm	m	289.46	290.33	292.71
MT4427	10 sq.mm	m	477.74	483.06	494.75
MT4428	16 sq.mm	m	729.83	732.44	762.18
MT4429	25 sq.mm	m	973.90	983.34	990.70
MT4430	35 sq.mm	m	1314.41	1327.51	1329.18
MT4431	50 sq.mm	m	1806.13	1818.68	1879.28

Code	Description	Units	PL	GP	SJ
<b>Control Cables (1.1kV) Copper - 1.5 sq.mm - Armoured, PVC insulated &amp; sheathed</b>					
MT4445	2-Core	m	80.55	86.35	86.93
MT4446	3-Core	m	100.58	124.88	132.11
MT4447	4-Core	m	119.48	119.98	120.79
MT4448	5-Core	m	135.82	139.12	139.89
MT4449	6-Core	m	159.08	158.41	159.36
MT4450	7-Core	m	178.05	179.91	181.06
MT4451	10-Core	m	238.25	244.78	246.37
MT4452	12-Core	m	254.00	254.94	256.51
MT4453	14-Core	m	287.68	291.37	292.88
MT4454	16-Core	m	324.70	327.02	328.47
MT4455	19-Core	m	380.77	401.84	402.74
MT4456	24-Core	m	482.97	495.95	496.74
MT4457	27-Core	m	521.21	531.83	532.57
MT4458	30-Core	m	579.45	585.38	586.06
MT4459	37-Core	m	677.34	685.21	686.01
MT4460	44-Core	m	818.01	824.06	824.44
MT4461	52-Core	m	1002.03	1028.92	1029.14
MT4462	61-Core	m	1182.10	1194.71	1211.43
<b>Control Cables (1.1kV) Copper - 2.5 sq.mm - Armoured, PVC insulated &amp; sheathed</b>					
MT4475	2-Core	m	109.05	119.86	120.10
MT4476	3-Core	m	141.02	142.79	143.31
MT4477	4-Core	m	174.29	174.99	175.48
MT4478	5-Core	m	205.55	208.36	208.81
MT4479	6-Core	m	245.14	246.86	247.27
MT4480	7-Core	m	255.71	260.77	261.15
MT4481	10-Core	m	339.28	339.32	339.74
MT4482	12-Core	m	407.49	412.49	412.70
MT4483	14-Core	m	463.08	466.02	468.86
MT4484	16-Core	m	526.12	537.19	539.96
MT4485	19-Core	m	597.91	598.02	600.70
MT4486	24-Core	m	767.40	771.87	773.60
MT4487	27-Core	m	840.62	843.56	850.21
MT4488	30-Core	m	940.27	945.82	947.26
MT4489	37-Core	m	1170.47	1178.18	1185.86
MT4490	44-Core	m	1351.66	1372.64	1378.44
MT4491	52-Core	m	1579.51	1586.80	1591.72
MT4492	61-Core	m	1843.62	1856.26	1858.21
<b>Control Cables (1.1kV) Copper - 1.5 sq.mm - Unarmoured, PVC insulated &amp; sheathed</b>					
MT4505	2-Core	m	52.78	53.35	54.65
MT4506	3-Core	m	69.29	69.68	72.98
MT4507	4-Core	m	88.31	89.13	92.41
MT4508	5-Core	m	102.77	105.34	108.59
MT4509	6-Core	m	122.85	123.30	124.51
MT4510	7-Core	m	137.00	140.77	141.97
MT4511	10-Core	m	191.93	199.11	200.25
MT4512	12-Core	m	227.06	234.67	235.76
MT4513	14-Core	m	256.77	262.65	263.71
MT4514	16-Core	m	294.93	301.72	302.74
MT4515	19-Core	m	344.01	351.57	352.53
MT4516	24-Core	m	443.02	451.11	451.96
MT4517	27-Core	m	491.91	492.81	493.60
MT4518	30-Core	m	542.31	551.75	552.49
MT4519	37-Core	m	666.31	675.91	677.82
MT4520	44-Core	m	795.84	795.95	796.65
MT4521	52-Core	m	936.41	938.07	938.53
MT4522	61-Core	m	1100.17	1107.96	1109.17



Code	Description	Units	PL	GP	SJ
<b>Control Cables (1.1kV) Copper - 2.5 sq.mm - Unarmoured, PVC insulated &amp; sheathed</b>					
MT4535	2-Core	m	77.24	77.97	79.00
MT4536	3-Core	m	106.83	123.36	107.38
MT4537	4-Core	m	136.83	140.56	152.55
MT4538	5-Core	m	167.26	140.90	172.93
MT4539	6-Core	m	199.69	141.23	192.76
MT4540	7-Core	m	227.10	141.56	209.45
MT4541	10-Core	m	306.57	141.90	276.22
MT4542	12-Core	m	357.82	142.23	315.89
MT4543	14-Core	m	416.00	142.56	355.36
MT4544	16-Core	m	483.14	142.90	393.94
MT4545	19-Core	m	561.22	143.23	451.45
MT4546	24-Core	m	705.99	143.56	550.98
MT4547	27-Core	m	796.53	143.90	609.28
MT4548	30-Core	m	906.24	144.23	666.16
MT4549	37-Core	m	1097.00	144.56	804.24
MT4550	44-Core	m	1310.52	144.90	940.97
MT4551	52-Core	m	1557.70	145.23	1093.55
MT4552	61-Core	m	1835.57	145.56	1268.12
<b>Flexible Cords (1.1kV) Twin-Twisted Copper - PVC insulated &amp; sheathed</b>					
MT4565	0.5 sq.mm	m	15.30	15.12	21.79
<b>Weather Proof aluminium cable, twin core</b>					
MT4575	1.5 sq.mm	m	7.11	9.67	11.44
MT4576	2.5 sq.mm	m	8.91	9.26	12.80
MT4577	4 sq.mm	m	14.26	14.39	15.97
MT4578	6 sq.mm	m	16.69	18.30	23.98
MT4579	10 sq.mm	m	25.76	27.11	36.81
MT4580	16 sq.mm	m	36.23	42.59	47.84
MT4581	25 sq.mm	m	48.82	53.33	59.38
<b>Telephone Cable/Wire</b>					
<b>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</b>					
MT4595	2 pair	m	10.95	10.91	13.78
MT4596	5 pair	m	23.23	28.54	37.06
<b>Telecommunication Cable, solid annealed copper, polythene insulated, petroleum jelly filled with poly-al laminate moisture barrier 0.5mm dia unarmoured</b>					
MT4610	20 pair	m	103.94	104.63	104.88
MT4611	50 pair	m	239.98	242.38	263.89
MT4612	100 pair	m	442.18	444.36	462.22
<b>Telecommunication Cable, solid annealed copper, polythene insulated, petroleum jelly filled with poly-al laminate moisture barrier 0.5mm dia armoured</b>					
MT4625	20 pair	m	154.80	154.85	164.42
MT4626	50 pair	m	303.18	306.34	308.41
MT4627	100 pair	m	492.75	495.97	498.44

Code	Description	Units	PL	GP	SJ
<b>Thimble</b>					
<b>Flat type Brass Thimble</b>					
MT4640	63A	each	8.42	11.35	12.26
MT4641	100A	each	12.56	18.91	20.42
MT4642	200A	each	27.37	30.25	32.68
MT4643	250A	each	35.68	47.27	51.06
MT4644	300A	each	43.20	56.72	61.27
<b>Flat type Aluminium Alloy Thimble</b>					
MT4655	100A	each	13.94	17.00	18.36
MT4656	160A	each	19.13	21.98	23.74
MT4657	250A	each	27.38	38.63	41.72
MT4658	300A	each	40.95	46.96	50.72
MT4659	315A	each	57.07	65.92	71.19
MT4660	400A	each	80.19	95.25	102.87
MT4661	500A	each	119.45	137.37	148.36
MT4662	600A	each	158.07	179.49	193.84
MT4663	630A	each	160.76	179.49	193.84
MT4664	750A	each	185.42	256.43	276.94
MT4665	800A	each	190.95	256.43	276.94
<b>Ferrule type brass thimble</b>					
MT4675	6A	each	6.21	6.39	6.62
MT4676	10A	each	6.71	6.39	6.62
MT4677	16A	each	7.37	6.39	6.62
MT4678	20A	each	6.06	6.39	6.62
MT4679	25A	each	7.91	6.39	6.62
MT4680	32A	each	7.91	6.39	6.62
MT4681	40A	each	8.03	6.39	6.62
MT4682	50A	each	6.06	6.39	6.62
MT4683	63A	each	6.28	6.39	6.62
MT4684	100A	each	6.66	6.39	6.62
MT4685	125A	each	6.64	7.18	7.93
MT4686	200A	each	11.36	11.53	12.07
<b>Ferrule type aluminium alloy thimble</b>					
MT4700	16A	each	1.30	2.11	2.16
MT4701	32A	each	1.80	2.22	2.18
MT4702	50A	each	1.78	2.49	2.91
MT4703	63A	each	2.34	2.48	2.42
MT4704	80A	each	3.09	2.64	2.42
MT4705	100A	each	2.40	3.13	3.23
MT4706	125A	each	3.70	3.21	3.23
MT4707	130A	each	2.58	3.49	3.88
MT4708	150A	each	3.01	3.54	3.68
MT4709	160A	each	2.58	3.67	3.88
MT4710	200A	each	3.36	4.05	4.89
MT4711	300A	each	4.18	4.15	4.89
MT4712	330A	each	3.36	4.25	4.89
MT4713	425A	each	4.18	4.63	4.89

Code	Description	Units	PL	GP	SJ
<b>Compression Gland</b>					
<b>Single Compression Gland, heavy duty brass</b>					
MT4725	20mm dia	each	15.99	16.67	18.18
MT4726	22mm dia	each	20.64	21.53	23.49
MT4727	25mm dia	each	25.06	25.69	28.03
MT4728	27mm dia	each	26.43	27.78	30.30
MT4729	29mm dia	each	28.57	29.16	31.82
MT4730	33mm dia	each	34.47	34.72	37.88
MT4731	35mm dia	each	40.82	41.66	45.45
MT4732	38mm dia	each	44.36	47.22	51.51
MT4733	40mm dia	each	48.80	53.47	58.33
MT4734	45mm dia	each	66.37	70.83	77.27
MT4735	50mm dia	each	79.79	87.49	95.45
MT4736	55mm dia	each	91.32	97.21	106.05
MT4737	60mm dia	each	107.73	116.66	127.26
MT4738	63mm dia	each	115.14	126.38	137.87
MT4739	70mm dia	each	148.47	162.48	177.26
MT4740	78mm dia	each	186.18	204.15	222.71
MT4741	82mm dia	each	230.95	252.75	275.73
MT4742	85mm dia	each	301.32	330.52	360.57
<b>Double Compression Gland, heavy duty brass</b>					
MT4755	20mm dia	each	71.02	71.52	71.99
MT4756	22mm dia	each	81.62	83.51	100.05
MT4757	25mm dia	each	90.55	94.78	118.21
MT4758	27mm dia	each	107.06	111.35	132.56
MT4759	29mm dia	each	129.34	131.24	156.87
MT4760	33mm dia	each	138.81	144.49	181.48
MT4761	35mm dia	each	160.72	167.03	212.73
MT4762	38mm dia	each	187.92	194.87	238.17
MT4763	40mm dia	each	215.13	222.71	267.65
MT4764	45mm dia	each	311.90	306.22	347.50
MT4765	50mm dia	each	381.72	399.01	426.41
MT4766	55mm dia	each	482.15	501.09	506.89
MT4767	60mm dia	each	605.75	631.00	609.79
MT4768	63mm dia	each	792.53	828.52	771.07
MT4769	70mm dia	each	1170.34	1193.06	1046.61
MT4770	78mm dia	each	1395.06	1458.19	1799.06
MT4771	82mm dia	each	1915.21	1988.44	2033.89
MT4772	85mm dia	each	2280.08	2386.13	2416.43
<b>Route Marker/ Cable Joint Box</b>					
MT4785	C.I Route Marker, 150x100x6mm	each	240.45	246.64	248.97
MT4786	Straight through cable joint box	each	265.63	266.64	300.48
<b>Conduits</b>					
<b>M.S Conduit</b>					
MT4800	15mm x 1.6mm	m	45.92	47.34	47.53
MT4801	20mm x 1.6mm	m	55.06	56.08	56.84
MT4802	25mm x 1.6mm	m	72.63	81.56	82.95
MT4803	32mm x 2mm	m	92.53	99.86	100.33
MT4804	40mm x 2mm	m	108.50	115.64	118.74
MT4805	50mm x 2mm	m	169.24	171.28	172.03
MT4806	Junction box, 1 or 2 way	each	19.89	24.64	25.76
MT4807	Inspection bend	each	18.95	23.57	23.66
MT4808	socket for conduit	each	8.54	9.57	10.38
MT4809	M.S Saddle	each	3.04	3.56	3.82

Code	Description	Units	PL	GP	SJ
<b>Steel Conduit</b>					
MT4820	20mm x 1.6mm	m	63.77	64.09	64.72
MT4821	25mm x 1.6mm	m	76.44	76.80	77.52
MT4822	32mm x 2mm	m	119.33	119.89	121.02
MT4823	40mm x 2mm	m	184.99	185.81	187.46
MT4824	50mm x 2mm	m	256.21	257.32	259.57
MT4825	Steel Saddle	m	1.17	1.60	2.81
MT4826	20mm Junction box, 1 or 2 way for conduit	each	14.00	14.65	14.52
MT4827	20mm Inspection bend for conduit	each	14.00	14.65	15.15
MT4828	20mm socket for conduit	each	4.72	5.22	7.16
<b>PVC Conduit</b>					
MT4840	20 mm,18SWG	m	21.10	21.53	20.53
MT4841	25 mm,16SWG	m	29.94	30.78	31.32
MT4842	32 mm,14SWG	m	50.45	51.59	52.70
MT4843	40 mm,14SWG	m	69.03	70.10	72.75
MT4844	50 mm,14SWG	m	114.74	118.23	121.00
<b>HDPE Pipe pressure class 10kg/sq.cm</b>					
MT4850	20 mm	m	20.81	22.54	24.93
MT4851	25 mm	m	29.31	32.66	36.66
MT4852	32 mm	m	46.00	56.11	57.77
MT4853	40 mm	m	65.27	89.69	91.10
MT4854	50 mm	m	104.38	132.21	139.99
<b>PVC Boxes</b>					
MT4855	PVC box 86x86x40mm	each	37.15	40.22	40.71
MT4856	PVC box 86x31x40mm	each	40.52	50.23	51.06
MT4857	PVC box 146x86x40mm	each	53.24	66.84	66.67
<b>PVC Boxes</b>					
MT4860	1 Module	each	54.88	56.02	57.05
MT4861	2 Module	each	55.95	58.54	58.82
MT4862	3 Module	each	64.77	64.81	65.63
MT4863	4 Module	each	77.89	81.36	82.74
MT4864	5 Module	each	95.03	96.53	98.50
MT4865	6 Module	each	121.11	130.92	131.62
MT4866	7 Module	each	154.91	156.54	157.30
MT4867	8 Module	each	154.86	162.99	166.37
MT4868	9 Module	each	189.22	192.73	200.60
MT4869	10 Module	each	201.47	224.99	230.07
<b>PVC accessories</b>					
MT4870	PVC Socket	each	7.91	7.81	8.25
MT4871	Junction box, 1 or 2 way for conduit	each	9.49	12.73	12.93
MT4872	Inspection bend for conduit	each	10.56	10.78	13.57
MT4873	PVC sleev 25mm	each	1.70	2.92	3.03
MT4874	PVC sleev 35mm	each	2.27	3.17	3.21
MT4875	PVC sleev 40mm	each	1.98	2.49	3.99

Code	Description	Units	PL	GP	SJ
<b>Wooden batten</b>					
MT4885	13x10mm	m	21.66	22.45	23.46
MT4886	20x10mm	m	29.44	29.87	30.88
MT4887	25x10mm	m	36.66	37.52	38.53
MT4888	32x10mm	m	75.55	76.15	77.16
MT4889	bend	each	3.43	3.69	4.44
MT4890	corner	each	3.43	3.69	4.44
MT4891	Round block 76x38mm	each	7.58	9.35	9.85
<b>Wooden boxes</b>					
MT4905	Box 75x75x38mm	each	11.95	16.27	17.42
MT4906	Box 100x100x38mm	each	12.44	18.40	18.12
MT4907	Box 150x150x38mm	each	17.50	24.69	26.16
MT4908	Box 180x150x38mm	each	18.66	25.97	25.78
MT4909	Box 100x75x38mm	each	15.57	20.70	32.76
MT4910	Box 200x100x38mm	each	18.66	25.97	33.78
MT4911	Box 250x200x38mm	each	26.83	37.78	44.43
MT4912	Box 300x200x38mm	each	33.44	40.70	47.36
MT4913	Box 450x300x38mm	each	74.43	76.95	75.99
<b>Aluminium Clips</b>					
MT4925	40mm	each	0.29	1.16	1.41
MT4926	50mm	each	0.47	1.24	1.50
MT4927	60mm	each	0.59	1.30	1.56
<b>PVC Casing &amp; Cappings</b>					
MT4940	12x12 mm	m	22.07	26.17	26.47
MT4941	12x10 mm	m	22.97	22.56	26.47
MT4942	15x10 mm	m	20.15	20.79	24.80
MT4943	20x10 mm	m	24.24	24.82	29.72
MT4944	20x12 mm	m	27.47	28.33	31.72
MT4945	25x10 mm	m	30.27	32.00	36.09
MT4946	30x10 mm	m	40.75	40.78	44.91
MT4947	40x20 mm	m	55.43	59.49	60.80
MT4948	50x20 mm	m	78.72	80.60	84.54
MT4949	Corner/Tee	each	4.09	4.95	7.06
<b>Busbars &amp; Busbar Chambers</b>					
<b>Copper Busbars &amp; MS Busbar Chamber</b>					
MT4960	2 strips, 300mm bar, 100A	each	1259.76	1315.25	1787.82
MT4961	4 strips, 300mm bar, 100A	each	1399.73	1469.85	1485.25
MT4962	4 strips, 300mm bar, 200A	each	2099.60	2204.78	2227.88
MT4963	2 strips, 450mm bar, 100A	each	2216.24	2327.27	2351.65
MT4964	4 strips, 450mm bar, 100A	each	2694.49	2829.47	3212.64
MT4965	4 strips, 450mm bar, 200A	each	3169.23	3327.99	3898.14
MT4966	4 strips, 600mm bar, 100A	each	3473.67	3647.69	5661.70
MT4967	4 strips, 600mm bar, 200A	each	4035.90	4238.08	4282.48
MT4968	4 strips, 600mm bar, 300A	each	5324.82	5591.57	5650.14
<b>Aluminium alloy/wrought Busbars suitable for cubical panel board</b>					
MT4980	4 strips, 600mm bar, 300A	each	1504.71	1580.09	1596.65
MT4981	4 strips, 600mm bar, 400A	each	1802.16	1892.44	1912.26
MT4982	4 strips, 600mm bar, 600A	each	2362.05	2480.38	2506.36
MT4983	4 strips, 900mm bar, 400A	each	2781.97	2921.33	2951.94
MT4984	4 strips, 900mm bar, 600A	each	3604.31	3784.87	3824.52
MT4985	4 strips, 900mm bar, 800A	each	4689.10	4924.01	4975.59
MT4986	4 strips, 1350mm bar, 400A	each	4374.16	4593.29	4641.41
MT4987	4 strips, 1350mm bar, 600A	each	5686.41	5971.28	6033.83
MT4988	4 strips, 1350mm bar, 800A	each	7436.08	7808.59	7890.40

Code	Description	Units	PL	GP	SJ
<b>Control-Gear &amp; Switch Boards</b>					
<b>Wall mounting Fuse Switch Units sheet steel enclosure</b>					
MT5000	TPN, 20A, 415V	each	1696.83	1697.83	1705.44
MT5001	TPN, 32A,415V, SFU	each	2374.71	2391.13	2309.77
MT5002	TPN, 63A,415V, SFU	each	2673.16	2691.94	2898.88
MT5003	TPN, 200A,415V, FSU	each	4975.11	4975.34	4975.34
MT5004	TPN, 250A, 415V, FSU	each	5884.98	5885.24	5885.24
MT5005	TPN, 315A, 415V, FSU	each	6307.71	6556.01	6556.01
MT5006	TPN, 125A, 415V, SFU	each	3622.95	3919.61	3919.61
MT5007	TPN, 400A,415V, FSU	each	7931.39	8614.97	8614.97
MT5008	TPN, 500A,415V, FSU	each	10918.41	10918.91	10918.91
MT5009	TPN, 630A,415V, FSU	each	13222.24	13222.84	13222.84
MT5010	TPN, 750A,415V FSU	each	15154.62	15410.13	15410.13
MT5011	TPN, 800A,415V, FSU	each	15409.43	15410.13	15410.13
MT5012	4 pole, 500A, 415V, FSU	each	30947.16	30948.57	30948.57
MT5013	4 pole, 750A, 415V, FSU	each	39614.24	39616.04	39616.04
<b>Panel mounting disconnecter FSU complete with front drive mechanism with door interlock (HRC fuse)</b>					
MT5025	4 pole, 250A, 415V, FSU	each	7016.16	7057.98	7108.56
MT5026	4 pole, 400A, 415V, FSU	each	11454.48	11570.08	11685.78
MT5027	4 pole, 125A, 415V, SFU	each	4887.40	4936.73	4986.09
MT5028	3 pole, 32A, 415V, SFU	each	1096.46	1107.52	1118.60
MT5029	3 pole, 63A, 415V, SFU	each	1574.70	1590.60	1606.49
MT5030	3 pole, 125A, 415V, SFU	each	3499.33	3534.65	3570.00
MT5031	3 pole, 250A, 415V, FSU	each	7016.16	7086.97	7157.84
MT5032	3 pole, 400A, 415V, FSU	each	8398.40	8483.15	8567.99
<b>HRC Fuses</b>					
MT5045	20A, 415V size 0	each	242.74	250.45	258.98
MT5046	32A, 415V size 0	each	242.74	250.45	258.98
MT5047	63A, 415V size 0	each	237.35	250.45	258.98
MT5048	125A, 415V size 1	each	579.72	583.50	584.66
MT5049	200A, 415V size 1	each	586.29	588.80	613.41
MT5050	250A, 415V size 1	each	667.25	685.45	692.05
MT5051	315A, 415V size 2	each	841.64	918.01	938.52
MT5052	400A, 415V size 2	each	841.64	918.01	923.52
MT5053	500A, 415V size 3	each	1388.04	1487.18	1517.33
MT5054	630A, 415V size 3	each	1413.96	1530.02	1538.79
MT5055	750A, 415V size 3	each	1527.24	1661.61	1664.38
MT5056	800A, 415V size 3	each	1674.19	1793.19	1796.18

Code	Description	Units	PL	GP	SJ
<b>Earth Leakage</b>					
<b>Earth leakage module, 4 pole, 415 volt A.C</b>					
MT5070	125A	each	7594.91	7896.11	8272.51
MT5071	160A	each	8843.39	9194.10	9632.37
MT5072	250A	each	14556.41	15133.67	15855.08
MT5073	400A	each	26616.87	27672.43	28991.55
MT5074	630A	each	26616.87	27672.43	28991.55
<b>Miniature Circuit Breaker (MCB)</b>					
<b>SP MCB 230 volt A.C</b>					
MT5085	6A	each	207.39	208.69	251.97
MT5086	10A	each	208.10	208.78	251.97
MT5087	16A	each	208.10	208.78	251.97
MT5088	20A	each	248.94	269.59	267.34
MT5089	25A	each	249.36	269.59	267.34
MT5090	32A	each	250.36	269.50	281.63
MT5091	40A	each	397.01	456.77	540.75
MT5092	63A	each	450.15	479.27	561.47
<b>SPN MCB, 230 volt A.C</b>					
MT5115	6A	each	549.67	596.98	604.38
MT5116	10A	each	551.81	596.98	604.38
MT5117	16A	each	556.81	596.98	604.38
MT5118	20A	each	558.96	596.98	607.71
MT5119	25A	each	561.53	596.98	612.71
MT5120	32A	each	595.39	596.98	621.05
MT5121	40A	each	858.17	960.45	960.89
MT5122	63A	each	891.38	980.57	981.21
<b>2 pole MCB, 230 volt A.C</b>					
MT5145	6A	each	606.90	617.28	662.76
MT5146	10A	each	606.90	617.28	651.92
MT5147	16A	each	606.90	623.52	655.96
MT5148	20A	each	606.90	623.52	658.65
MT5149	25A	each	606.90	623.52	662.69
MT5150	32A	each	606.90	627.69	676.73
MT5151	40A	each	874.94	865.19	930.58
MT5152	50A	each	981.88	1020.81	1085.64
MT5153	63A	each	994.74	1023.04	1085.64

Code	Description	Units	PL	GP	SJ
<b>TP MCB, 415 volt A.C</b>					
MT5180	6A	each	920.55	938.20	998.69
MT5181	10A	each	920.55	938.20	998.69
MT5182	16A	each	921.38	938.20	998.69
MT5183	20A	each	921.38	951.66	998.69
MT5184	25A	each	928.34	961.90	1049.01
MT5185	32A	each	925.40	977.10	1049.01
MT5186	40A	each	1316.18	1362.54	1510.03
MT5187	50A	each	1384.29	1331.83	1550.60
MT5188	63A	each	1390.96	1470.25	1550.60
<b>TPN MCB, 415 volt, A.C</b>					
MT5220	6A	each	1151.88	1344.88	1389.20
MT5221	10A	each	1151.88	1344.88	1389.20
MT5222	16A	each	1151.88	1344.88	1389.20
MT5223	20A	each	1151.88	1344.88	1389.20
MT5224	25A	each	1151.88	1344.88	1389.20
MT5225	32A	each	1151.88	1344.88	1389.20
MT5226	40A	each	1713.60	1964.28	2071.91
MT5227	50A	each	1905.40	1974.67	2254.97
MT5228	63A	each	1915.02	1765.06	2079.97
<b>4 pole MCB, 415 volt A.C</b>					
MT5260	6A	each	1274.25	1398.90	1259.32
MT5261	10A	each	1274.25	1398.90	1260.44
MT5262	16A	each	1274.25	1398.90	1262.69
MT5263	20A	each	1274.25	1398.90	1264.93
MT5264	25A	each	1274.25	1398.90	1267.18
MT5265	32A	each	1274.25	1474.17	1269.42
MT5266	40A	each	1730.98	1915.14	1622.70
MT5267	50A	each	1837.76	1952.18	1721.77
MT5268	63A	each	1850.02	1989.14	1728.51
<b>I s o l a t o r</b>					
<b>DP Isolators, 230 volt A.C</b>					
MT5300	32A	each	332.15	374.91	506.62
MT5301	40A	each	380.29	405.36	418.77
MT5302	63A	each	457.61	487.88	627.07
<b>TP Isolators, 415 volt A.C</b>					
MT5320	32A	each	613.17	573.22	848.49
MT5321	40A	each	653.56	713.24	557.22
MT5322	63A	each	768.99	825.22	839.09
<b>DP Timer switch , 230 volt A.C</b>					
MT5340	24hrs/24hrs	each	3748.32	2848.49	2848.49
MT5341	7days/24hrs	each	3857.42	2894.83	2894.83



Code	Description	Units	PL	GP	SJ
<b>Residual Current Circuit Breaker (RCCB)</b>					
<b>2 pole RCCB, 230 volt A.C, 30mA</b>					
MT5350	16A	each	2301.79	2373.60	2517.46
MT5351	25A	each	2179.53	2354.39	2284.48
MT5352	32A	each	2326.40	2621.96	2287.80
MT5353	40A	each	2454.59	2704.36	2493.74
MT5354	63A	each	3024.26	3275.17	3009.96
<b>2 pole RCCB, 230 volt A.C, 100mA</b>					
MT5380	16A	each	2425.98	2639.99	2650.08
MT5381	25A	each	2278.84	2419.99	2430.08
MT5382	32A	each	2292.26	2470.59	2375.04
MT5383	40A	each	2484.27	2626.28	2583.71
MT5384	63A	each	3042.16	3079.29	3099.77
<b>2 pole RCCB, 230 volt A.C, 300mA</b>					
MT5410	16A	each	2432.03	2774.39	2762.22
MT5411	25A	each	2282.19	2457.63	2450.33
MT5412	32A	each	2345.45	2661.74	2376.93
MT5413	40A	each	2667.97	2865.60	2577.30
MT5414	63A	each	3107.87	3197.02	2953.61
<b>4 pole RCCB, 415 volt A.C, 30mA</b>					
<b>Category A</b>					
MT5440	16A	each	2722.25	3180.77	3239.25
MT5441	25A	each	2705.95	2868.51	2883.80
MT5442	32A	each	2620.16	2842.51	2806.81
MT5443	40A	each	2758.57	2962.42	2942.14
MT5444	63A	each	3232.08	3432.26	3439.01
<b>4 pole RCCB, 415 volt A.C, 100mA</b>					
MT5470	16A	each	3354.88	3725.41	3446.83
MT5471	25A	each	2837.76	2980.88	2893.55
MT5472	32A	each	2838.14	3029.81	2827.61
MT5473	40A	each	2456.75	3040.41	2927.80
MT5474	63A	each	3303.82	3517.83	3409.87
<b>4 pole RCCB, 415 volt A.C, 300mA</b>					
MT5500	16A	each	3478.14	3798.34	3836.33
MT5501	25A	each	2926.44	2992.37	3007.04
MT5502	32A	each	2807.65	3037.29	2879.62
MT5503	40A	each	2907.84	3048.08	2960.45
MT5504	63A	each	3412.84	3533.48	3433.34
<b>Distribution Board (DB)</b>					
<b>SPN DB, 230 volt A.C, without door/single door</b>					
MT5525	4 way	each	621.63	641.52	739.69
MT5526	6 way	each	699.01	646.50	830.64
MT5527	8 way	each	775.70	736.87	894.24
MT5528	12 way	each	934.08	807.30	1097.91
MT5529	16 way	each	1134.57	1213.16	1269.62

Code	Description	Units	PL	GP	SJ
<b>SPN DB, 230 volt A.C, with metal door(double door)</b>					
MT5531	4 way	each	842.91	866.88	898.36
MT5532	6 way	each	1117.32	1135.73	1193.70
MT5533	8 way	each	1179.43	1193.86	1183.92
MT5534	12 way	each	1281.94	1442.49	1489.31
MT5535	16 way	each	1643.97	1828.36	1843.47
<b>SPN DB, 230 volt A.C, with acrylic door(double door)</b>					
MT5537	4 way	each	1022.46	1073.16	1144.36
MT5538	6 way	each	1106.51	1292.15	1344.42
MT5539	8 way	each	1173.66	1340.15	1449.61
MT5540	12 way	each	1472.14	1658.99	1788.42
MT5541	16 way	each	1793.04	2098.20	2235.62
<b>TPN DB, 415 volt A.C, without door/single door- (Horizontal)</b>					
MT5543	4 way	each	1735.37	1783.88	2165.42
MT5544	6 way	each	2097.35	2280.24	2415.13
MT5545	8 way	each	2509.74	2612.28	3078.69
MT5546	12 way	each	3586.55	3811.67	4651.54
MT5547	16 way	each	4159.76	4639.82	6141.21
<b>TPN DB, 415 volt A.C, with metal door(double door)-Horizontal</b>					
MT5549	4 way	each	3112.47	3176.85	3174.24
MT5550	6 way	each	3095.01	3408.73	3648.95
MT5551	8 way	each	4235.84	4248.42	4543.96
MT5552	12 way	each	5258.89	5984.75	6701.41
MT5553	16 way	each	5785.43	5855.22	6489.44
<b>TPN DB, 415 volt A.C, with acrylic door(double door)-Horizontal</b>					
MT5555	4 way	each	2776.04	2872.30	2954.64
MT5556	6 way	each	3278.20	3403.83	3630.30
MT5557	8 way	each	3892.99	4022.59	4344.44
MT5558	12 way	each	5729.28	6150.07	6458.82
MT5559	16 way	each	6364.03	7347.72	7788.58
<b>TPN DB, 415 volt A.C, without door/single door (Vertical)</b>					
MT5561	4 way	each	4770.95	4878.17	4882.20
MT5562	6 way	each	5158.99	5264.51	5547.74
MT5563	8 way	each	5635.69	5776.87	5782.83
MT5564	12 way	each	7465.97	8036.65	8475.12
<b>TPN DB, 415 volt A.C, with metal door(double door)-Vertical</b>					
MT5566	4 way	each	5207.99	5238.37	5645.94
MT5567	6 way	each	5785.08	6224.46	6921.38
MT5568	8 way	each	6130.45	6199.86	6988.70
MT5569	12 way	each	7925.03	8133.78	9099.15

Code	Description	Units	PL	GP	SJ
<b>TPN DB, 415 volt A.C, with acrylic door(double door)-Vertical</b>					
MT5571	4 way	each	6183.69	6848.10	7195.19
MT5572	6 way	each	6689.62	7202.83	7603.03
MT5573	8 way	each	7952.79	8660.33	9195.99
MT5574	12 way	each	10477.72	11529.34	12184.32
<b>Earth Plug &amp; Socket</b>					
<b>Earth plug &amp; Socket, DP 230 volt A.C</b>					
MT5610	10A	each	711.11	761.49	839.46
MT5611	20A	each	888.84	968.14	1161.01
<b>Earth plug &amp; Socket, 4 pole 415 volt A.C</b>					
MT5620	20A	each	956.53	983.63	1084.63
MT5621	32A	each	1134.52	1235.74	1336.74
MT5622	63A	each	2651.33	2887.88	2988.88
<b>Lightning Finial</b>					
<b>Copper tube finial with base plate 85x3mm</b>					
MT5630	25mm dia, 300mm long with single prong	each	1938.00	2100.45	2279.76
MT5631	25mm dia, 900mm long with four prong	each	2244.00	2444.20	2678.08
<b>G.I tube finial with copper base plate 85x6mm</b>					
MT5635	25mm dia, 300mm long with single prong	each	999.60	1088.78	1195.91
<b>Panel Mounting MCCB</b>					
MT5640	3 pole, 16KA, MCCB 63A, 415V	each	4047.68	4728.78	4050.10
MT5641	3 pole, 16KA, MCCB 100A, 415V	each	4157.31	4920.26	4099.18
MT5642	3 pole, 16KA, MCCB 125A, 415V	each	4834.80	5006.82	5276.00
MT5643	4 pole, 16KA, MCCB 63A, 415V	each	5073.87	5286.78	5588.06
MT5644	4 pole, 16KA, MCCB 100A, 415V	each	5030.87	5081.81	5439.25
MT5645	4 pole, 16KA, MCCB 125A, 415V	each	6325.01	6643.41	6648.04
MT5646	3 pole, 25KA, MCCB 63A, 415V	each	4966.25	5220.44	5346.27
MT5647	3 pole, 25KA, MCCB 100A, 415V	each	4812.72	4952.84	4923.23
MT5648	3 pole, 25KA, MCCB 125A, 415V	each	5758.10	5810.11	6098.55
MT5649	4 pole, 25KA, MCCB 63A, 415V	each	6815.33	7046.44	7385.17
MT5650	4 pole, 25KA, MCCB 100A, 415V	each	7376.14	7029.22	7690.59
MT5651	4 pole, 25KA, MCCB 125A, 415V	each	8136.25	8544.14	8529.76
MT5652	3 pole, 36KA, MCCB 125A, 415V	each	7010.34	7442.27	8594.52
MT5653	3 pole, 36KA, MCCB 160A, 415V	each	10937.70	11479.03	12640.53
MT5654	3 pole, 36KA, MCCB 250A, 415V	each	13331.66	14464.02	15579.27
MT5655	4 pole, 36KA, MCCB 125A, 415V	each	9472.01	9986.53	10994.90
MT5656	4 pole, 36KA, MCCB 160A, 415V	each	13359.21	13997.38	14953.04
MT5657	4 pole, 36KA, MCCB 250A, 415V	each	17119.04	18352.64	19494.48
MT5658	4 pole, 70KA, MCCB 250A, 415V	each	21643.86	23260.07	24162.06
MT5659	4 pole, 70KA, MCCB 400A, 415V	each	39096.18	42252.16	43257.16
MT5660	4 pole, 70KA, MCCB 630A, 415V	each	61298.82	66931.49	67486.49
MT5661	4 pole, 70KA, MCCB 800A, 415V	each	145921.98	158993.50	159498.50

Code	Description	Units	PL	GP	SJ
<b>Luminaires (Surface / ceiling mounted, GLS lamp)</b>					
MT5720	Globe dia 150mm, 1x60W	each	153.00	171.66	271.01
MT5721	Globe dia 200mm, 1x60W	each	280.50	308.58	412.67
MT5722	Globe dia 250mm, 1x60W	each	459.00	504.95	611.00
MT5723	Square louvered, 1x60W	each	459.00	504.95	611.00
MT5724	Special drumlite, dia 175mm milky, 1x60W	each	229.50	252.47	356.00
MT5725	Special drumlite dia 225mm milky, 1x60W	each	341.70	375.91	480.66
MT5726	Spot light 235mm, reflector dia 130mm, 1x60W	each	117.30	129.04	231.33
MT5727	Spot light 245mm, reflector dia 100mm, 1x60W	each	158.10	173.93	276.67
MT5728	Clamp light 225mm, dia 110mm, 1x60W	each	255.00	280.53	384.34
MT5729	Clamp light 160mm, 100W	each	204.00	224.42	327.67
MT5730	Rail light 225mm, 2x60W (R)	each	336.60	370.30	475.00
MT5731	Rail light 160mm, 2x100W (R)	each	336.60	370.30	475.00
MT5732	Rail light 225mm, 3x60W (R)	each	576.30	633.99	741.34
MT5733	Rail light 160mm, 3x100W (R)	each	545.70	398.33	707.33
MT5734	Wall bracket 225mm, 1x60W	each	295.80	358.96	429.67
MT5735	Wall bracket 230mm, 1x60W	each	382.50	420.79	526.00
MT5736	Wall bracket 160mm, 1x60W	each	280.50	308.58	412.67
MT5737	Wall bracket 185mm, 1x60W	each	306.00	336.63	441.00
MT5738	Double wall bracket 200mm, 2x60W	each	637.50	717.55	809.33
MT5739	Double wall bracket 160mm, 2x60W	each	561.00	621.08	724.34
MT5740	Single swivel wall bracket 375mm, 1x60W	each	484.50	579.00	639.34
MT5741	Double mirror light 610mm, 2x60W	each	459.00	517.47	611.00
MT5742	Double mirror light 460mm, 2x60W	each	367.20	403.96	509.00
MT5743	Single picture light 200mm, 1x60W	each	280.50	308.58	412.67
MT5744	Pendant down lighter 215mm, 1x60W	each	382.50	420.79	526.00
MT5745	Pendant lantern type 460mm, 1x60W	each	535.50	589.11	696.00
MT5746	Pendant 460mm, 3x60W	each	1096.50	1206.27	1319.33
MT5747	Recessed down lighter square 170-190mm, 1x100W	each	137.70	151.48	254.00
MT5748	Recessed down lighter, round 180mm, 1x100W	each	188.70	207.59	310.67
MT5749	Recessed down lighter, round 165mm, 1x60W (R)	each	137.70	151.48	254.00
MT5750	Semi recessed down lighter square 170-200mm, 1x100W	each	214.20	235.64	339.00
MT5751	Semi recessed down lighter, round 90-95mm, 1x100W	each	270.30	297.36	401.34
MT5752	Semi recessed down lighter, side entry 205mm, 1x60W (R)	each	178.50	196.37	299.34
MT5753	Wall bracket louvered 275mm, 1x60/100W	each	484.50	533.00	639.34
MT5754	Bulk head die cast aluminium body, weather proof gasket, wire guard, 1x60/100W	each	440.25	525.96	554.33
MT5755	Post top dia 325-380mm, 1x60/100W	each	1453.50	1599.01	1715.99

Code	Description	Units	PL	GP	SJ
<b>Switches &amp; Sockets</b>					
MT5800	6A switch SP 1-way	each	104.03	109.18	111.29
MT5801	6A switch SP 1-way with indicator	each	130.58	148.20	157.46
MT5802	6A switch SP 2-way	each	130.08	143.65	165.83
MT5803	6A switch SP 2-way with indicator	each	179.85	183.85	194.94
MT5804	16A switch SP 1-way	each	173.30	188.49	194.52
MT5805	16A switch SP 1-way with indicator	each	193.68	238.43	265.86
MT5806	16A switch SP 2-way	each	194.50	234.86	266.04
MT5807	16A fuse unit	each	212.05	209.15	298.00
MT5808	2-pin 6A socket outlet	each	138.13	150.09	235.92
MT5809	3-pin, 6A socket outlet, shuttered	each	161.12	221.98	315.72
MT5810	3-pin, 16A socket outlet, shuttered	each	236.87	343.85	401.70
MT5811	3 pin, 6A switch/socket combined, shuttered	each	256.27	326.89	408.10
MT5812	5 pin, 6A switch/socket combined, shuttered	each	382.05	478.34	582.60
MT5813	3 pin, 16A switch/socket combined, shuttered	each	277.57	333.48	428.69
MT5814	5/6 pin, 6/16A socket outlet, shuttered	each	289.35	316.49	410.10
MT5815	5/6 pin, 6/16A switch/socket combined, shuttered	each	396.39	458.99	613.38
MT5816	5-pin universal socket outlet	each	215.19	264.19	341.03
MT5817	Dimmer / regulator	each	631.95	722.06	807.55
MT5818	TV coaxial socket	each	166.33	215.47	298.50
MT5819	RJ 45 computer socket	each	677.99	685.92	742.62
MT5820	RJ 11 telephone socket	each	156.28	228.24	288.72
MT5821	Bell push 6A	each	164.85	213.65	311.96
MT5822	Plate 1-module with frame	each	111.47	187.34	237.49
MT5823	Plate 2-module with frame	each	111.58	189.22	239.76
MT5824	Plate 3-module with frame	each	131.19	202.57	252.85
MT5825	Plate 4-module with frame	each	142.11	211.84	266.03
MT5826	Plate 6-module with frame	each	209.76	284.23	341.18
MT5827	Plate 8-module with frame	each	266.91	278.23	357.99
MT5828	Plate 9-module with frame	each	258.90	331.69	400.00
MT5829	Plate 10-module with frame	each	308.11	380.78	486.95
<b>Holders &amp; Plugs</b>					
MT5890	Batten holder (heavy duty, brass)	each	25.11	26.07	28.48
MT5891	Plain pendant holder (bakelite)	each	23.19	24.57	25.52
MT5892	Angle holder (heavy duty)	each	24.44	25.45	26.27
MT5893	Cord-grip, PVC 2-core	m	14.67	20.12	24.77
MT5894	Twin flexible wire (twisted) heavy duty	m	19.54	19.88	30.52
MT5895	Ceiling Rose, 2 plate (PVC) 6A	each	23.62	23.81	24.38
<b>Metal boxes</b>					
MT5900	1 Module	each	52.44	56.72	56.40
MT5901	2 Module	each	52.44	56.72	58.49
MT5902	3 Module	each	66.15	67.25	70.87
MT5903	4 Module	each	79.33	80.44	83.43
MT5904	5 Module	each	91.03	90.96	93.94
MT5905	6 Module	each	111.30	119.70	119.14
MT5906	7 Module	each	119.74	137.63	147.17
MT5907	8 Module	each	138.32	144.56	148.34
MT5908	9 Module	each	182.53	199.82	192.82
MT5909	10 Module	each	189.85	214.28	246.69

Code	Description	Units	PL	GP	SJ
<b>Metal boxes</b>					
MT5910	Metal, 75x75x60 mm	each	26.89	32.84	37.69
MT5911	Metal, 60x60x60 mm	each	26.89	30.49	37.69
MT5912	Metal, 86x86x40 mm	each	33.00	36.74	44.18
MT5913	Metal, 100x100x60 mm	each	41.41	41.83	55.82
MT5914	Metal, 86x31x40 mm	each	33.00	35.42	45.84
MT5915	Metal, 146x86x40	each	36.66	37.26	55.00
MT5916	Metal, 150x100x60 mm	each	39.53	44.21	56.66
MT5917	Metal, 150x150x60 mm	each	56.22	58.39	69.97
MT5918	Metal, 180x100x60 mm	each	57.44	59.01	70.80
MT5919	Metal, 180x150x60 mm	each	57.44	60.26	70.80
MT5920	Metal, 200x125x60 mm	each	57.44	60.26	70.80
MT5921	Metal, 200x150x60 mm	each	57.44	62.76	70.80
MT5922	Metal, 250x200x60 mm	each	65.20	67.16	79.11
MT5923	Metal, 300x200x60 mm	each	87.99	88.18	111.57
MT5924	Metal, 200x150x100 mm	each	70.88	74.40	101.60
MT5925	Metal, 200x250x100 mm	each	84.32	85.11	112.42
MT5926	Metal, 200x300x100 mm	each	98.99	100.33	124.05
MT5927	Metal, 250x300x100 mm	each	158.87	161.97	201.44
MT5928	Metal, 300x380x100 mm	each	232.20	239.68	259.64
MT5929	Metal, 300x450x100 mm	each	348.30	351.19	365.40
MT5930	Laminated Sheet Cover for metal boxes	sq.m	829.81	832.07	856.58
<b>Indoor Luminaries</b>					
<b>Prewired Indoor fluorescent lamp luminaries (CRCA sheet housing, steel) for wall/ceiling</b>					
MT5945	Strip Rail, 18/20 W, LPF	each	257.58	263.86	287.86
MT5946	Decorative, box type 18/20 W, LPF	each	440.53	455.80	450.88
MT5947	Mounting channel, 18/20 W, LPF	each	474.14	488.72	487.90
MT5948	Strip Rail, 36/40 W, LPF	each	302.10	303.69	309.40
MT5949	Decorative, box type 36/40 W, LPF	each	508.85	521.71	523.60
MT5950	Mounting channel, 36/40 W, LPF	each	544.24	551.97	606.89
MT5951	Mounting box, 1x36/40 W, HPF	each	599.99	674.39	678.30
MT5952	Mounting box, 2x36/40 W, HPF	each	958.27	964.68	977.83
MT5953	Industrial box, 1x36/40 W, HPF	each	659.96	671.06	678.30
<b>Indoor fluorescent lamp luminaries, steel rail, Industrial box</b>					
MT5970	Vitreous enamel reflector, 1x36/40 W, HPF	each	1189.88	1201.19	1213.80
MT5971	Stove enamel reflector, 2x36/40 W, HPF	each	1370.70	1389.60	1398.25
MT5972	Stove enamel reflector 1x36/40 W, HPF	each	1073.23	1083.96	1094.80
MT5973	Vitreous enamel reflector, 2x36/40 W, HPF	each	1487.35	1504.82	1517.25
<b>Indoor decorative fluorescent lamp luminaries, steel rail, surface mounting box</b>					
MT5990	Polysterene structured louvere and reflector, 2x36/40 W, HPF	each	1633.17	1649.50	1654.00
MT5991	Metal louvere and reflector, 2x36/40 W, HPF	each	1516.52	1531.68	1551.33
MT5992	Opal acrylic diffuser and reflector, 2x36/40 W, HPF	each	1691.50	1708.42	1711.20
MT5993	Opal acrylic diffuser & reflector, 1x36/40 W, HPF	each	1020.73	1030.94	1032.50
MT5994	PrisMTic louvere and reflector, 2x36/40 W, HPF	each	2187.28	2209.16	2235.83
MT5995	Opal acrylic diffuser, 2x36/40 W, HPF	each	2175.62	2197.37	2206.23
MT5996	Opal acrylic diffuser and reflector, 2x18/20 W, HPF	each	1166.55	1178.22	1187.00
<b>Indoor decorative fluorescent lamp luminaries, steel rail, recessed, Mounting box</b>					
MT6020	PrisMTic louvere and reflector, 2x36/40 W, HPF	each	1997.98	2011.35	2031.20
MT6021	Opal acrylic diffuser, 2x36/40 W, HPF	each	1986.53	2003.50	2016.60
MT6022	Structured louvere and reflector, 2x36/40 W, HPF	each	1938.76	1958.42	1978.20

Code	Description	Units	PL	GP	SJ
<b>Indoor decorative fluorescent lamp luminaires, steel rail, surface/recessed, Mounting box</b>					
MT6040	PrisMTic louvere and reflector, 4x18/20 W, HPF	each	2569.27	2586.50	2612.23
MT6041	Opal acrylic diffuser, 4x18/20 W, HPF	each	2569.27	2586.50	2612.23
MT6042	Structured louvere and reflector, 4x18/20 W, HPF	each	2569.27	2586.50	2612.23
MT6043	Mirror potic louvere and reflector, 2x18/20 W, HPF	each	1399.91	1409.24	1418.67
MT6044	Mirror optic louvere, 2x36/40 W, HPF	each	2348.73	2350.95	2368.33
MT6045	Wide spread mirror optic and reflector, 2x36/40 W, HPF	each	2348.73	2350.95	2368.33
<b>Outdoor Luminaires</b>					
<b>Street Lighting</b>					
MT6060	1x36/40 W, HPF	each	1219.19	1223.65	1357.40
MT6061	2x36/40 W, HPF	each	1612.76	1834.16	1847.80
MT6062	1x18/20 W, HPF	each	1168.38	1198.93	1203.23
MT6063	1x70 W, (E) SON(BC)	each	2547.97	2623.39	2805.21
MT6064	1x70 W, (I)SON(BC)	each	2844.24	2925.84	2950.86
MT6065	1x100 W, SON(BC)	each	3295.55	3399.08	3412.27
MT6066	1x250 W, SON(ES)	each	4328.02	4527.39	4539.08
<b>Street Light Luminaires</b>					
MT6075	1x80 W, HPL-N(BC)	each	2677.86	2757.02	2784.60
MT6076	1x125 W, HPL-N(BC)	each	2699.84	2821.83	2850.05
MT6077	1x250 W, HPL-N(ES)	each	3948.41	4094.30	4135.24
<b>Post Top Lantern</b>					
MT6090	1x80 W, HPL-N(BC)	each	2283.54	2396.90	2434.67
MT6091	1x125 W, HPL-N(ES)	each	2401.23	2630.66	2669.00
MT6092	1x160 W, ML(ES)	each	1808.72	1817.49	1829.66
MT6093	1x70 (E) W, SON(BC)	each	2988.99	3226.73	3248.33
MT6094	1x70(I) W, SON(BC)	each	2869.52	2869.42	2892.00
<b>Under water lighting</b>					
MT6105	60/75/100 W (R), (BC) for depth<0.60m	each	2612.12	2798.15	2801.51
<b>Flood Light Luminaire</b>					
MT6120	2x250/400 W, HPL-N(ES)	each	10699.45	10868.08	10726.19
MT6121	2x250/400 W, SON-T(ES)	each	6252.44	6364.91	6776.99
MT6122	1x500 W, (ES)	each	1614.54	1719.69	1952.33
MT6123	1x250/400 W, HPI-T	each	5836.48	6101.51	6257.99
MT6124	Halogen lamp, 1x500 W	each	796.81	834.50	876.43
MT6125	Halogen lamp, 1 or 2x1000 W	each	1588.92	1627.44	1776.67
<b>Industrial well glass</b>					
MT6140	GLS 1x200/300 W (ES)	each	1399.91	1409.24	1418.67
MT6141	1x80/125 W HPL-N(BC)	each	2433.17	2459.50	2486.00
MT6142	1x70/100 W (E) SON(BC)	each	2897.58	2918.69	2948.33

Code	Description	Units	PL	GP	SJ
<b>Flame proof Industrial well glass</b>					
MT6155	1x60/200 W (BC/ES)	each	2889.25	2930.36	2949.99
MT6156	1x80/125 W HPL-N(BC)	each	5072.99	5110.72	5170.88
MT6157	1x160 W ML-N(ES)	each	3693.09	3711.15	3749.46
<b>Flame proof bulk head</b>					
MT6170	1x60/200 W GLS(BC/ES)	each	2977.04	3027.81	3288.79
MT6171	1x80/125 W (BC)	each	5784.80	5799.54	6464.13
MT6172	1x160 W ML-N(ES)	each	2990.47	3131.81	3295.46
<b>Call bell 250 volt A.C</b>					
MT6190	Gong bell assembly	each	55.55	69.00	59.99
MT6191	Buzzer bell assembly	each	53.19	63.83	83.19
MT6192	Musical bell assembly	each	120.55	139.26	130.65
<b>Lighting track 250 volt A.C, for 60 W reflector lamp for museum or decorated shop</b>					
MT6205	0.5m	each	962.73	1048.26	1054.95
MT6206	1.0m	each	1548.25	1622.11	1638.22
MT6207	2.0m	each	1829.34	1913.21	1929.86
<b>L a m p s</b>					
<b>GLS lamp 250 volt A.C</b>					
MT6220	40 W (BC)	each	12.06	13.36	14.09
MT6221	60 W (BC)	each	12.06	13.06	13.73
MT6222	100 W (BC)	each	13.17	14.04	14.91
MT6223	150 W (ES)	each	19.63	21.00	26.33
MT6224	200 W (ES)	each	22.05	25.35	27.60
MT6225	300 W (ES)	each	71.31	78.06	76.01
MT6226	500 W (ES)	each	98.27	109.88	108.97
<b>Reflector lamp 250 volt A.C</b>					
MT6235	60 W (R) 63(BC)	each	36.01	37.33	42.38
MT6236	75 W (R) 95(BC/ES)	each	81.34	84.44	89.49
MT6237	100 W (R) 95(BC/ES)	each	82.38	85.55	90.60
MT6238	150 W (R) 95(BC/ES)	each	86.19	89.25	93.93
<b>ML blended lamp 250 volt A.C</b>					
MT6250	60 W (BC/ES)	each	277.97	293.30	303.40
<b>High pressure mercury vapour lamp 250 volt A.C</b>					
MT6265	HPL-N 80 W (BC/ES)	each	156.12	171.49	181.37
MT6266	HPL-N 125 W (BC/ES)	each	176.42	178.55	190.88
MT6267	HPL-N 250 W (ES)	each	446.36	460.85	500.43
MT6268	HPL-N 400 W (ES)	each	591.36	602.72	645.97



Code	Description	Units	PL	GP	SJ
<b>High pressure sodium vapour lamp 250 volt A.C</b>					
MT6285	SON-T 70 W (E)(BC)	each	551.64	568.31	572.35
MT6286	SON-T 70 W (I) (BC)	each	574.30	623.55	631.63
MT6287	SON-T 150 W (ES)	each	684.52	809.52	757.39
MT6288	SON-T 250 W (ES)	each	762.96	783.88	841.28
MT6289	SON-T 400 W (ES)	each	1026.52	1084.81	1088.40
<b>Metal halide lamp 250 volt A.C</b>					
MT6300	HPI-T 250 W (ES)	each	1164.90	1191.95	1219.55
MT6301	HPI-T 400 W (ES)	each	1178.19	1210.50	1265.02
<b>Halogen lamp 250 volt A.C</b>					
MT6315	7785 R 500 W	each	134.08	175.83	171.95
MT6316	12013 R 1000 W	each	160.84	223.27	219.93
<b>Argenta superlux lamp 250 volt A.C</b>					
MT6325	60 W (BC)	each	15.55	17.24	21.40
<b>Special incandescent lamp 250 volt A.C</b>					
MT6335	15 W (BC) pigmy	each	22.12	24.29	29.32
<b>Fluorescent lamp 250 volt A.C</b>					
MT6345	TL 18/20 W	each	44.53	47.95	49.17
MT6346	TL 36/40 W	each	50.78	54.62	56.76
MT6347	TLF 36/40 W	each	61.19	63.69	66.97
<b>Lamp Shades</b>					
<b>Glass globe</b>					
MT6355	150mm dia	each	106.05	111.10	121.20
MT6356	180mm dia	each	217.15	219.68	227.25
<b>Glass lengum shade</b>					
MT6365	150mm dia	each	161.60	181.80	186.85
MT6366	180mm dia	each	244.93	265.13	270.18
<b>Heat resistant proof plastic conical shade</b>					
MT6375	150mm dia	each	161.60	166.65	176.75
<b>Heat resistant proof plastic coolican shade</b>					
MT6385	150mm dia	each	189.38	194.43	204.53
<b>Fans</b>					
<b>Ceiling fan 240 volt A.C</b>					
MT6395	1400 rpm, 900mm sweep	each	1298.76	1306.23	1354.56
MT6396	1400 rpm, 1200mm sweep	each	1437.41	1449.94	1453.51
MT6397	1400 rpm, 1400mm sweep	each	1601.63	1688.52	1694.29
<b>Exhaust fan 240 volt A.C</b>					
MT6415	900 rpm, 300mm sweep	each	1142.41	1170.41	1196.85
MT6416	900 rpm, 380mm sweep	each	1386.44	1430.25	1472.13
MT6417	900 rpm, 450mm sweep	each	1749.36	1754.95	1776.29
MT6418	1400 rpm, 300mm sweep	each	1829.84	1968.33	2270.99
MT6419	1400 rpm, 380mm sweep	each	2310.15	2390.52	2462.54
MT6420	1400 rpm, 450mm sweep	each	3060.95	3118.90	3239.40
<b>Aluminium louvere with frame</b>					
MT6435	300mm sweep	each	495.78	545.36	596.63
MT6436	380mm sweep	each	612.44	682.46	734.93
MT6437	450mm sweep	each	699.93	787.46	839.92

Code	Description	Units	PL	GP	SJ
<b>Street/Compound Light Pole</b>					
<b>Steel Tubular Pole with base plate</b>					
MT6450	5.5m, 4.5mm thick	each	2783.15	2801.81	2830.66
MT6451	5.5m, 4.8mm thick	each	2897.58	2917.03	2946.66
MT6452	5.5m, 5.4mm thick	each	3064.24	3098.18	3135.66
<b>Swaged Street Light Steel Tubular Pole (410 MPa) with base plate</b>					
MT6465	8.5m, 158 kg	each	4746.43	4787.12	4852.66
MT6466	8.5m, 148 kg	each	4458.11	4507.42	4557.66
MT6467	8.5m, 141 kg	each	4250.62	4299.37	4344.86
MT6468	8.5m,151kg	each	4593.52	4655.61	4686.83
<b>Pole Cap</b>					
<b>Pole cap with arm bracket 1.1m and outer dia 50/60mm</b>					
MT6480	Single arm	each	2895.69	3076.10	3387.53
MT6481	Double arm	each	5304.74	5475.97	5994.76
MT6482	Triple arm	each	7528.79	7888.35	8687.98
<b>MS junction box out door duty</b>					
MT6495	MS junction box out door duty, fabricated with 14SWG MS sheet	each	752.74	788.84	868.80
<b>Earthing Materials</b>					
<b>Plate</b>					
MT6510	GI Plate, 600x600x6mm	each	1070.86	1148.88	1365.40
MT6511	Copper Plate, 600x600x3mm	each	4977.75	5757.20	4582.46
<b>Strip</b>					
MT6515	GI Tape\Strip 20x3 mm	m	48.85	40.25	41.32
MT6516	GI Tape\Strip 50x6 mm	m	56.96	76.66	78.70
MT6517	GI Tape\Strip 25x4 mm	m	48.53	57.49	76.01
MT6518	GI Tape\Strip 25x6 mm	m	45.76	48.61	49.46
MT6519	Copper Tape\Strip 25x4	m	449.49	573.30	590.27
<b>Wire</b>					
MT6530	GI, 4mm dia (8swg)	m	5.89	7.32	8.63
MT6531	GI, 4.9mm dia (6swg)	m	20.55	8.33	7.87
MT6532	2.24 mm dia. bare Aluminium. wire	m	2.86	3.56	3.43
MT6533	G.I, 4.88mm dia (6SWG)	m	6.23	8.83	7.91
MT6534	2.032 mm dia.(14SWG) bare G.I	m	2.56	4.86	3.53
MT6535	6 SWG G.I wire	kg	74.69	119.87	118.05
MT6536	Copper, 4mm dia (8swg)	m	35.24	52.22	52.56
MT6537	2.5 mm dia. bare copper	m	29.17	19.96	19.68
MT6538	Copper, 4.88mm dia (6SWG)	m	42.86	50.27	49.46
MT6539	2.032 mm dia.(14SWG) bare copper wire	m	12.79	15.54	16.16
<b>Accessories</b>					
MT6555	Charcoal	kg	12.66	12.12	17.91
MT6556	Salt	kg	8.67	9.28	10.04
MT6557	G.I Spike 1.8m	each	6.05	6.44	6.35
<b>AIR CONDITIONERS</b>					
<b>Window Type</b>					
MT6565	2 tonne	each	50284.83	52751.13	54463.00
MT6566	1.5 tonne	each	44999.93	46462.00	48453.60
MT6567	1 tonne	each	39233.08	41564.06	42369.40

Code	Description	Units	PL	GP	SJ
<b>Splite Type</b>					
MT6585	2 tonne	each	94446.17	97449.63	102891.40
MT6586	1.5 tonne	each	66812.00	67839.00	72630.40
MT6587	1 tonne	each	57781.67	59158.13	60562.00
<b>CIVIL ITEMS</b>					
<b>Equipment</b>					
MP0001	Concrete Mixer	day	896.00	896.00	896.00
MP0002	Concrete Vibrator	day	744.00	744.00	744.00
MP0003	Truck/Tipper	day	4360.00	4360.00	4360.00
<b>Forest product</b>					
MT6600	Ballies 75 to 125mm dia	m	27.83	27.83	27.83
MT6601	Rough-sawn timber (Mixed Conifer)	cu.m	11970.74	10688.14	9956.78
MT6602	Firewood (stacked volume)	cu.m	312.50	379.00	706.25
MT6603	Royalty for boulder, sand & aggregates	truck	50.00	50.00	50.00
MT6604	Sand	cu.m	357.14	357.14	385.71
MT6605	Stone Boulder	cu.m	357.14	357.14	385.71
<b>Stone Aggregates</b>					
MT6620	50mm	cu.m	892.86	937.50	1071.43
MT6621	40mm	cu.m	892.86	937.50	1071.43
MT6622	25mm	cu.m	1035.71	1087.50	1211.78
MT6623	20mm	cu.m	1035.71	1087.50	1211.78
<b>Metal Product</b>					
<b>Rolled Steel Section 250MPa</b>					
MT6635	Angles	kg	60.00	60.00	75.00
MT6636	Channels	kg	65.00	60.00	77.00
MT6637	Flats	kg	65.00	60.00	77.00
MT6638	Joists	kg	75.00	60.00	79.00
MT6639	Plates	kg	75.00	60.00	82.00
<b>Sheet (250 MPa)</b>					
MT6650	1mm	kg	75.00	75.00	75.00
MT6651	2mm	kg	75.00	75.00	75.00
MT6652	2.8mm	kg	75.00	75.00	75.00
MT6653	3.5mm	kg	75.00	75.00	75.00
<b>G.I Pipe heavy duty</b>					
MT6665	15mm	m	88.30	112.67	118.29
MT6666	20mm	m	116.20	159.78	148.67
MT6667	25mm	m	172.77	207.01	205.38
MT6668	32mm	m	224.17	278.34	294.17
MT6669	40mm	m	256.63	330.00	334.28
<b>Miscellaneous</b>					
MT6680	Bricks 2nd class	1000#	6969.00	7916.00	7833.33
MT6681	Grey Cement	tonne	5950.00	6712.20	6741.25
MT6682	Synthetic enamel paint	litre	161.90	171.25	187.60
MT6683	M.S. Bolts & Nuts, Screws etc	kg	85.00	90.00	86.67
MT6684	C.I. Manhole Cover with frame, 300 x 300mm inside size	each	500.00	450.00	500.00

Code	Description	Units	PL	GP	SJ
<b>TRUNKING CABLE MANAGEMENT SYSTEM</b>					
<b>Mini Plastic Trunking 32x12.5mm &amp; Accessories</b>					
MT7000	Mini trunking 32x12.5mm	m	56.84	56.84	56.84
MT7001	End cap	each	28.42	28.42	28.42
MT7002	Changeable internal/external angle	each	44.66	44.66	44.66
MT7003	Changeable flat angle	each	44.66	44.66	44.66
MT7004	Flat Junction	each	50.75	50.75	50.75
<b>Mini Plastic Trunking 32x16mm &amp; Accessories</b>					
MT7005	Mini trunking 32x16mm	m	62.93	62.93	62.93
MT7006	End cap	each	42.63	42.63	42.63
MT7007	Changeable internal/external angle	each	44.66	44.66	44.66
MT7008	Changeable flat angle	each	44.66	44.66	44.66
MT7009	Flat Junction	each	64.96	64.96	64.96
<b>Mini Plastic Trunking 32x20mm &amp; Accessories</b>					
MT7010	Mini trunking 32x20mm	m	77.14	77.14	77.14
MT7011	End cap	each	62.93	62.93	62.93
MT7012	Changeable internal/external angle	each	50.75	50.75	50.75
MT7013	Changeable flat angle	each	44.66	44.66	44.66
MT7014	Flat Junction	each	50.75	50.75	50.75
<b>Adaptable Plastic Trunking 80x50mm &amp; Accessories</b>					
MT7015	Plastic trunking without cover 80x50mm	m	332.92	332.92	332.92
MT7016	Flexible cover 65mm width	m	176.61	176.61	176.61
MT7017	Joints for 65mm width cover	each	81.20	81.20	81.20
MT7018	Base joint	each	40.60	40.60	40.60
MT7019	Clips	each	34.51	34.51	34.51
MT7020	Separation Partition	m	103.53	103.53	103.53
MT7021	End cap	each	97.44	97.44	97.44
MT7022	Internal angle	each	269.99	269.99	269.99
MT7023	VDI accessories for internal angle	each	363.37	363.37	363.37
MT7024	External angle	each	237.51	237.51	237.51
MT7025	VDI accessories for external angle	each	383.67	383.67	383.67
MT7026	Flat angle	each	347.13	347.13	347.13
MT7027	VDI accessories for flat angle	each	452.69	452.69	452.69
MT7028	Flat Junction	each	472.99	472.99	472.99
MT7029	VDI accessories for flat junction	each	570.43	570.43	570.43
MT7030	Wall crossing	each	412.09	412.09	412.09
MT7031	Capacity change	each	136.01	136.01	136.01
MT7032	Partition junction	each	207.06	207.06	207.06
MT7033	Cable ties base	each	20.30	20.30	20.30
MT7034	2 Module Mosaic frame for 65mm cover	each	81.20	81.20	81.20
MT7035	3 Module Mosaic frame for 65mm cover	each	103.53	103.53	103.53
MT7036	4 Module Mosaic frame for 65mm cover	each	123.83	123.83	123.83
MT7037	6 Module Mosaic frame for 65mm cover	each	136.01	136.01	136.01
MT7038	8 Module Mosaic frame for 65mm cover	each	194.88	194.88	194.88
MT7039	Isolating box for 2/4/6/8 module	each	148.19	148.19	148.19
MT7040	Isolating box for 3 module	each	170.52	170.52	170.52
MT7041	Lexic support 2 module	each	481.11	481.11	481.11

Code	Description	Units	PL	GP	SJ
<b>Adaptable Plastic Trunking 105x50mm &amp; Accessories</b>					
MT7042	Plastic trunking without cover 105x50mm	m	438.48	438.48	438.48
MT7043	Flexible cover 40mm width	m	170.52	170.52	170.52
MT7044	Flexible cover 85mm width	m	188.79	188.79	188.79
MT7045	Joints for 40mm width cover	each	85.26	85.26	85.26
MT7046	Joints for 85mm width cover	each	115.71	115.71	115.71
MT7047	Base joint	each	40.60	40.60	40.60
MT7048	Clips	each	34.51	34.51	34.51
MT7049	Separation Partition	m	103.53	103.53	103.53
MT7050	Clip-on partition	each	129.92	129.92	129.92
MT7051	End Cap	each	95.41	95.41	95.41
MT7052	Internal angle	each	269.99	269.99	269.99
MT7053	Partition junction for internal angle	each	136.01	136.01	136.01
MT7054	VDI accessories for internal angle	each	363.37	363.37	363.37
MT7055	External angle	each	237.51	237.51	237.51
MT7056	Partition junction for external angle	each	237.51	237.51	237.51
MT7057	VDI accessories for external angle	each	383.67	383.67	383.67
MT7058	Flat angle	each	336.98	336.98	336.98
MT7059	VDI accessories for flat angle	each	452.69	452.69	452.69
MT7060	Flat Junction	each	472.99	472.99	472.99
MT7061	Partition junction for flat junction	each	594.79	594.79	594.79
MT7062	VDI accessories for flat junction	each	570.43	570.43	570.43
MT7063	Wall crossing	each	412.09	412.09	412.09
MT7064	Capacity change	each	136.01	136.01	136.01
MT7065	Partition junction	each	207.06	207.06	207.06
MT7066	Cable ties base	each	20.30	20.30	20.30
MT7067	1 Module Mosaic frame for 40mm cover	each	81.20	81.20	81.20
MT7068	2 Module Mosaic frame for 85mm cover	each	85.26	85.26	85.26
MT7069	3 Module Mosaic frame for 85mm cover	each	115.71	115.71	115.71
MT7070	4 Module Mosaic frame for 85mm cover	each	123.83	123.83	123.83
MT7071	6 Module Mosaic frame for 85mm cover	each	164.43	164.43	164.43
MT7072	8 Module Mosaic frame for 85mm cover	each	219.24	219.24	219.24
MT7073	Isolating box for 2/4/6/8 module	each	148.19	148.19	148.19
MT7074	Isolating box for 3 module	each	170.52	170.52	170.52
MT7075	Lexic support 3 module for 85mm cover	each	598.85	598.85	598.85

Code	Description	Units	PL	GP	SJ
<b>Adaptable Plastic Trunking 150x50mm &amp; Accessories</b>					
MT7076	Plastic trunking without cover 150x50mm	m	789.67	789.67	789.67
MT7077	Flexible cover 40mm width	m	170.52	170.52	170.52
MT7078	Flexible cover 65mm width	m	176.61	176.61	176.61
MT7079	Flexible cover 85mm width	m	188.79	188.79	188.79
MT7080	Flexible cover 130mm width	m	438.48	438.48	438.48
MT7081	Joints for 40mm width cover	each	85.26	85.26	85.26
MT7082	Joints for 65mm width cover	each	81.20	81.20	81.20
MT7083	Joints for 85mm width cover	each	115.71	115.71	115.71
MT7084	Joints for 130mm width cover	each	186.76	186.76	186.76
MT7085	Base joint	each	40.60	40.60	40.60
MT7086	Clips for 65mm width cover	each	34.51	34.51	34.51
MT7087	Clips for 130mm width cover	each	62.93	62.93	62.93
MT7088	Separation partition	m	103.53	103.53	103.53
MT7089	Clip-on partition	each	129.92	129.92	129.92
MT7090	End cap	each	184.73	184.73	184.73
MT7091	Internal angle	each	269.99	269.99	269.99
MT7092	Partition junction for internal angle	each	136.01	136.01	136.01
MT7093	VDI accessories for internal angle	each	363.37	363.37	363.37
MT7094	External angle	each	237.51	237.51	237.51
MT7095	Partition junction for external angle	each	237.51	237.51	237.51
MT7096	VDI accessories for external angle	each	383.67	383.67	383.67
MT7097	Flat angle	each	253.75	253.75	253.75
MT7098	VDI accessories for flat angle	each	452.69	452.69	452.69
MT7099	Flat Junction	each	472.99	472.99	472.99
MT7100	Partition Junction for flat junction	each	594.79	594.79	594.79
MT7101	VDI accessories for flat junction	each	570.43	570.43	570.43
MT7102	Wall crossing	each	412.09	412.09	412.09
MT7103	Capacity change	each	136.01	136.01	136.01
MT7104	Partition junction	each	207.06	207.06	207.06
MT7105	Cable ties base	each	20.30	20.30	20.30
MT7106	1 Module Mosaic frame for 40mm cover	each	81.20	81.20	81.20
MT7107	2 Module Mosaic frame for 65mm cover	each	81.20	81.20	81.20
MT7108	3 Module Mosaic frame for 65mm cover	each	103.53	103.53	103.53
MT7109	4 Module Mosaic frame for 65mm cover	each	123.83	123.83	123.83
MT7110	6 Module Mosaic frame for 65mm cover	each	136.01	136.01	136.01
MT7111	8 Module Mosaic frame for 65mm cover	each	194.88	194.88	194.88
MT7112	2 Module Mosaic frame for 85mm cover	each	85.26	85.26	85.26
MT7113	3 Module Mosaic frame for 85mm cover	each	115.71	115.71	115.71
MT7114	4 Module Mosaic frame for 85mm cover	each	123.83	123.83	123.83
MT7115	6 Module Mosaic frame for 85mm cover	each	164.43	164.43	164.43
MT7116	8 Module Mosaic frame for 85mm cover	each	219.24	219.24	219.24
MT7117	Isolating box for 2/4/6/8 module	each	148.19	148.19	148.19
MT7118	Isolating box for 3 module	each	170.52	170.52	170.52
MT7119	Lexic support 2 module for 65mm cover	each	481.11	481.11	481.11
MT7120	Lexic support 6 module for 130mm cover	each	716.59	716.59	716.59
MT7121	Hypra socket support for 130mm cover	each	1071.84	1071.84	1071.84

Code	Description	Units	PL	GP	SJ
<b>Adaptable Plastic Trunking 195x50mm &amp; Accessories</b>					
MT7122	Plastic trunking without cover 195x50mm	m	1025.15	1025.15	1025.15
MT7123	Flexible cover 40mm width	m	170.52	170.52	170.52
MT7124	Flexible cover 65mm width	m	176.61	176.61	176.61
MT7125	Flexible cover 85mm width	m	188.79	188.79	188.79
MT7126	Flexible cover 130mm width	m	438.48	438.48	438.48
MT7127	Flexible cover 180mm width	m	472.99	472.99	472.99
MT7128	Joints for 40mm width cover	each	85.26	85.26	85.26
MT7129	Joints for 65mm width cover	each	68.33	68.33	68.33
MT7130	Joints for 85mm width cover	each	115.71	115.71	115.71
MT7131	Joints for 130mm width cover	each	186.76	186.76	186.76
MT7132	Joints for 180mm width cover	each	172.55	172.55	172.55
MT7133	Base joint	each	40.60	40.60	40.60
MT7134	Clips for 65mm width cover	each	34.51	34.51	34.51
MT7135	Clips for 130mm width cover	each	62.93	62.93	62.93
MT7136	Separation partition	m	103.53	103.53	103.53
MT7137	Clip-on partition	each	129.92	129.92	129.92
MT7138	End cap	each	207.06	207.06	207.06
MT7139	Internal angles	each	269.99	269.99	269.99
MT7140	Partition junction for internal angles	each	136.01	136.01	136.01
MT7141	VDI accessories for internal angles	each	363.37	363.37	363.37
MT7142	External angles	each	237.51	237.51	237.51
MT7143	Partition junction for external angles	each	237.51	237.51	237.51
MT7144	VDI accessories for external angles	each	383.67	383.67	383.67
MT7145	Flat angles	each	1439.27	1439.27	1439.27
MT7146	VDI accessories for flat angles	each	452.69	452.69	452.69
MT7147	Flat junctions	each	472.99	472.99	472.99
MT7148	Partition junction for flat junctions	each	594.79	594.79	594.79
MT7149	VDI accessories for flat junctions	each	570.43	570.43	570.43
MT7150	Wall crossing	each	408.03	408.03	408.03
MT7151	Capacity change	each	136.01	136.01	136.01
MT7152	Partition junction	each	207.06	207.06	207.06
MT7153	Cables ties base	each	20.30	20.30	20.30
MT7154	1 Module Mosaic frame for 40mm cover	each	81.20	81.20	81.20
MT7155	2 Module Mosaic frame for 65mm cover	each	81.20	81.20	81.20
MT7156	3 Module Mosaic frame for 65mm cover	each	103.53	103.53	103.53
MT7157	4 Module Mosaic frame for 65mm cover	each	123.83	123.83	123.83
MT7158	6 Module Mosaic frame for 65mm cover	each	136.01	136.01	136.01
MT7159	8 Module Mosaic frame for 65mm cover	each	194.88	194.88	194.88
MT7160	2 Module Mosaic frame for 85mm cover	each	85.26	85.26	85.26
MT7161	3 Module Mosaic frame for 85mm cover	each	115.71	115.71	115.71
MT7162	4 Module Mosaic frame for 85mm cover	each	123.83	123.83	123.83
MT7163	6 Module Mosaic frame for 85mm cover	each	164.43	164.43	164.43
MT7164	8 Module Mosaic frame for 85mm cover	each	219.24	219.24	219.24
MT7165	Isolating box for 2/4/6/8 module	each	148.19	148.19	148.19
MT7166	Isolating box for 3 module	each	170.52	170.52	170.52
MT7167	Lexic support 2 module for 65mm cover	each	481.11	481.11	481.11
MT7168	Lexic support 3 module for 85mm cover	each	598.85	598.85	598.85

## Built-up Item Rates

**Note:-**

- There is no categorization of materials.



Code	Description	Units	PL	GP	SJ
<b>PVC CASING &amp; CAPPING WIRING</b>					
<b>Aluminium conductor</b>					
<b>Provide &amp; Draw Single Core 440V grade PVC insulated Aluminium conductor cable in existing PVC Casing Capping</b>					
WP0001	1x1.5 sq.mm	m	11.52	12.24	12.26
WP0002	2x1.5 sq.mm	m	13.99	15.44	15.48
WP0003	3x1.5 sq.mm	m	16.47	18.63	18.70
WP0004	4x1.5 sq.mm	m	21.20	24.08	24.18
WP0005	5x1.5 sq.mm	m	23.68	27.28	27.39
WP0006	6x1.5 sq.mm	m	26.15	30.47	30.61
WP0007	7x1.5 sq.mm	m	29.98	35.02	35.18
WP0008	8x1.5 sq.mm	m	32.45	38.22	38.40
WP0009	2x2.5 sq.mm	m	16.91	17.33	18.67
WP0010	3x2.5 sq.mm	m	22.20	22.82	24.84
WP0011	4x2.5 sq.mm	m	27.04	27.87	30.55
WP0012	5x2.5 sq.mm	m	30.97	32.01	35.36
WP0013	6x2.5 sq.mm	m	36.26	37.51	41.53
WP0014	2x4 sq.mm	m	22.53	23.03	23.94
WP0015	3x4 sq.mm	m	29.49	30.25	31.61
WP0016	4x4 sq.mm	m	36.46	37.47	39.29
WP0017	5x4 sq.mm	m	43.87	45.14	47.41
WP0018	2x6 sq.mm	m	27.06	26.38	27.74
WP0019	3x6 sq.mm	m	35.84	34.82	36.86
WP0020	4x6 sq.mm	m	45.07	43.72	46.43
<b>Copper conductor</b>					
<b>Provide &amp; Draw Single Core 1.1KV grade PVC insulated Copper conductor cable in existing PVC Casing Capping</b>					
WP0040	1x1 sq.mm	m	20.77	21.48	21.92
WP0041	2x1 sq.mm	m	32.50	33.91	34.79
WP0042	3x1 sq.mm	m	44.22	46.35	47.65
WP0043	4x1 sq.mm	m	58.21	61.04	62.78
WP0044	5x1 sq.mm	m	69.94	73.48	75.65
WP0045	6x1 sq.mm	m	81.66	85.91	88.52
WP0046	7x1 sq.mm	m	94.74	99.70	102.75
WP0047	8x1 sq.mm	m	106.47	112.13	115.61
WP0048	9x1 sq.mm	m	118.19	124.57	128.48
WP0049	2x1.5 sq.mm	m	46.30	48.33	50.08
WP0050	3x1.5 sq.mm	m	64.92	67.97	70.60
WP0051	4x1.5 sq.mm	m	85.81	89.87	93.38
WP0052	5x1.5 sq.mm	m	104.43	109.51	113.90
WP0053	6x1.5 sq.mm	m	123.05	129.16	134.42
WP0054	7x1.5 sq.mm	m	143.04	150.15	156.29
WP0055	8x1.5 sq.mm	m	161.66	169.79	176.81
WP0056	2x2 sq.mm	m	58.07	58.08	59.27
WP0057	3x2 sq.mm	m	83.93	83.95	85.73
WP0058	4x2 sq.mm	m	109.35	109.37	111.75
WP0059	5x2 sq.mm	m	133.86	133.88	136.86
WP0060	6x2 sq.mm	m	159.72	159.75	163.33
WP0061	2x2.5 sq.mm	m	75.27	77.56	80.07
WP0062	3x2.5 sq.mm	m	109.74	113.17	116.93
WP0063	4x2.5 sq.mm	m	143.76	148.33	153.35
WP0064	5x2.5 sq.mm	m	176.87	182.59	188.86
WP0065	6x2.5 sq.mm	m	211.34	218.20	225.72
WP0066	2x4 sq.mm	m	103.33	104.66	108.86
WP0067	3x4 sq.mm	m	150.70	152.70	159.00
WP0068	4x4 sq.mm	m	198.07	200.73	209.13
WP0069	5x4 sq.mm	m	245.89	249.21	259.72
WP0070	2x6 sq.mm	m	139.60	140.30	145.20
WP0071	3x6 sq.mm	m	204.67	205.71	213.07
WP0072	4x6 sq.mm	m	270.16	271.55	281.35

Code	Description	Units	PL	GP	SJ
<b>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 &amp; commissioning etc., as required</b>					
WP0095	Short Point	point	616.33	729.82	797.96
WP0096	Medium Point	point	861.48	993.51	1065.30
WP0097	Long Point	point	1162.43	1316.09	1392.14
<b>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 &amp; commissioning etc., as required.</b>					
WP0105	Short Point	point	616.33	729.82	797.96
WP0106	Medium Point	point	861.48	993.51	1065.30
WP0107	Long Point	point	1162.43	1316.09	1392.14
<b>Wiring for 3/5 pin, 6 ampere plug point with 2 sq.mm 1.1kV grade, PVC insulated copper conductor cable in PVC casing &amp; capping with providing &amp; fixing 3/5 pin, 6 ampere socket outlet and switch including earthing the third pin, connections, painting, testing and commissioning etc. as required</b>					
WP0115	Short Point	point	961.40	1108.34	1289.55
WP0116	Medium Point	point	1384.58	1513.64	1698.47
WP0117	Long Point	point	1893.24	2001.43	2190.49
<b>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 &amp; 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</b>					
WP0125	Short Point	point	1000.97	1142.36	1334.85
WP0126	Medium Point	point	1478.39	1592.89	1805.55
WP0127	Long Point	point	2050.34	2133.46	2369.64
<b>Wiring for 3 pin, 6/16 ampere plug point with 4 sq.mm 1.1kV grade, PVC insulated copper conductor cable in PVC casing &amp; 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</b>					
WP0135	Short Point	point	1254.10	1465.88	1624.21
WP0136	Medium Point	point	1826.59	2013.07	2194.78
WP0137	Long Point	point	2509.45	2666.41	2875.40
<b>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 &amp; capping with providing and fixing 5/6 pin, 6/16 ampere socket outlet &amp; switch including earthing the third pin, connections, painting, testing &amp; commissioning etc. as required</b>					
WP0145	Short Point	point	1440.19	1600.21	1871.15
WP0146	Medium Point	point	2012.69	2147.40	2441.72
WP0147	Long Point	point	2695.54	2800.73	3122.34
<b>Wiring for 3 pin, 16 ampere plug point with 4 sq.mm 1.1kV grade, PVC insulated copper conductor cable in PVC casing and capping with providing and fixing 3 pin, switch including earthing the third pin, connections, painting, testing and commissioning etc. as required</b>					
WP0155	Short Point	point	1254.10	1465.88	1624.21
WP0156	Medium Point	point	1826.59	2013.07	2194.78
WP0157	Long Point	point	2509.45	2666.41	2875.40
<b>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</b>					
WP0165	Short Point	point	684.86	802.15	901.87
WP0166	Medium Point	point	983.73	1110.32	1225.80
WP0167	Long Point	point	1347.36	1484.79	1618.68

Code	Description	Units	PL	GP	SJ
<b>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</b>					
WP0175	Short Point	point	729.94	849.25	951.85
WP0176	Medium Point	point	1090.29	1221.65	1343.95
WP0177	Long Point	point	1525.63	1671.05	1816.34
<b>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</b>					
WP0185	2x1 sq.mm	m	92.60	108.55	111.11
WP0186	2x1.5 sq.mm	m	106.40	122.97	126.41
WP0187	2x4 sq.mm	m	177.48	189.57	199.07
<b>Wiring for lighting circuit with 1.1kV grade, PVC insulated copper conductor cable in PVC casing &amp; capping including connections, painting, testing &amp; commissioning etc. as required</b>					
WP0195	2x2 sq.mm	m	118.17	132.71	135.59
WP0196	2x2.5 sq.mm	m	141.67	154.71	162.52
<b>Wiring for power circuit with 1.1kV grade, PVC insulated copper conductor cable in PVC casing &amp; capping including connections, painting, testing &amp; commissioning etc. as required</b>					
WP0200	2x4 sq.mm	m	177.48	189.57	199.07
<b>Wiring for sub-main with 1.1kV grade, PVC insulated copper conductor cable in PVC casing &amp; capping including connections, painting, testing &amp; commissioning etc. as required</b>					
WP0205	2x6 sq.mm	m	216.12	228.59	239.59
WP0206	2x10 sq.mm	m	329.15	343.72	351.88
WP0207	2x16 sq.mm	m	426.41	442.79	459.77
WP0208	4x6 sq.mm	m	359.24	370.42	386.38
WP0209	4x10 sq.mm	m	618.50	636.02	646.07
WP0210	4x16 sq.mm	m	813.00	834.16	861.86
<b>TRUNKING CABLE MANAGEMENT-WIRING</b>					
<b>Provide &amp; draw Single Core 1.1KV grade PVC insulated copper conductor cable in existing PVC mini- trunking</b>					
CM0001	2x1.5 sq.mm	m	46.30	48.33	50.08
CM0002	3x1.5 sq.mm	m	64.92	67.97	70.60
CM0003	4x1.5 sq.mm	m	85.81	89.87	93.38
CM0004	5x1.5 sq.mm	m	104.43	109.51	113.90
CM0005	6x1.5 sq.mm	m	123.05	129.16	134.42
CM0006	7x1.5 sq.mm	m	143.04	150.15	156.29
CM0007	8x1.5 sq.mm	m	161.66	169.79	176.81
CM0008	2x2.5 sq.mm	m	75.27	77.56	80.07
CM0009	3x2.5 sq.mm	m	109.74	113.17	116.93
CM0010	4x2.5 sq.mm	m	143.76	148.33	153.35
CM0011	5x2.5 sq.mm	m	176.87	182.59	188.86
CM0012	6x2.5 sq.mm	m	211.34	218.20	225.72
CM0013	2x4.0 sq.mm	m	103.33	104.66	108.86
CM0014	3x4.0 sq.mm	m	150.70	152.70	159.00
CM0015	4x4.0 sq.mm	m	198.07	200.73	209.13
CM0016	5x4.0 sq.mm	m	245.89	249.21	259.72
CM0017	2x6.0 sq.mm	m	139.60	140.30	145.20
CM0018	3x6.0 sq.mm	m	204.65	205.70	213.05
CM0019	4x6.0 sq.mm	m	270.16	271.55	281.35

Code	Description	Units	PL	GP	SJ
<b>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</b>					
CM0050	Short Point	point	830.24	934.51	1001.41
CM0051	Medium Point	point	1241.36	1351.67	1423.78
CM0052	Long Point	point	1742.02	1859.38	1937.57
<b>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 &amp; fixing 3/5 pin, 6 ampere socket outlet and switch connections, including earthing the third pin, painting, testing &amp; commissioning etc. as required -</b>					
CM0053	Short Point	point	1021.85	1209.71	1336.18
CM0054	Medium Point	point	1515.62	1710.19	1843.86
CM0055	Long Point	point	2112.70	2315.11	2457.18
<b>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 &amp; switch including earthing the third pin, connections, painting, testing &amp; commissioning etc. as required</b>					
CM0056	Short Point	point	1404.42	1534.70	1722.17
CM0057	Medium Point	point	2084.87	2219.79	2421.72
CM0058	Long Point	point	2899.76	3040.09	3258.89
<b>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 &amp; commissioning etc. as required</b>					
CM0090	2x1.5 sq.mm	m	176.96	178.99	180.74
CM0091	2x4.0 sq.mm	m	248.85	250.18	254.38
<b>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</b>					
CM0100	2x2.5 sq.mm	m	213.04	215.33	217.83
<b>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</b>					
CM0101	2x4.0 sq.mm	m	248.85	250.18	254.38
<b>MS CONDUIT WIRING</b>					
<b>Aluminium conductor</b>					
<b>Provide &amp; Draw Single Core 440V grade PVC insulated Aluminium conductor cable in existing MS surface conduit</b>					
WM0001	1x1.5 sq.mm	m	12.61	13.33	13.35
WM0002	2x1.5 sq.mm	m	15.08	16.52	16.57
WM0003	3x1.5 sq.mm	m	17.55	19.72	19.78
WM0004	4x1.5 sq.mm	m	22.55	25.43	25.52
WM0005	5x1.5 sq.mm	m	25.02	28.62	28.74
WM0006	6x1.5 sq.mm	m	27.50	31.82	31.95
WM0007	7x1.5 sq.mm	m	32.54	37.58	37.74
WM0008	8x1.5 sq.mm	m	35.01	40.77	40.95
WM0009	2x2.5 sq.mm	m	18.00	18.41	19.76
WM0010	3x2.5 sq.mm	m	23.29	23.91	25.92
WM0011	4x2.5 sq.mm	m	28.39	29.22	31.90
WM0012	5x2.5 sq.mm	m	32.32	33.36	36.71
WM0013	6x2.5 sq.mm	m	37.92	39.16	43.18
WM0014	2x4 sq.mm	m	22.26	22.76	23.67
WM0015	3x4 sq.mm	m	30.84	31.60	32.96

Code	Description	Units	PL	GP	SJ
WM0016	4x4 sq.mm	m	39.47	40.48	42.29
WM0017	5x4 sq.mm	m	45.53	46.79	49.06
WM0018	2x6 sq.mm	m	25.88	25.21	26.56
WM0019	3x6 sq.mm	m	38.85	37.83	39.87
WM0020	4x6 sq.mm	m	46.72	45.37	48.08

### Copper Conductor

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

WM0040	1x1 sq.mm	m	22.76	23.47	23.91
WM0041	2x1 sq.mm	m	34.49	35.91	36.78
WM0042	3x1 sq.mm	m	46.21	48.34	49.64
WM0043	4x1 sq.mm	m	59.30	62.13	63.87
WM0044	5x1 sq.mm	m	71.02	74.56	76.74
WM0045	6x1 sq.mm	m	82.75	87.00	89.61
WM0046	7x1 sq.mm	m	96.73	101.69	104.74
WM0047	8x1 sq.mm	m	108.46	114.12	117.61
WM0048	9x1 sq.mm	m	120.18	126.56	130.47
WM0049	2x1.5 sq.mm	m	48.29	50.32	52.07
WM0050	3x1.5 sq.mm	m	66.91	69.96	72.59
WM0051	4x1.5 sq.mm	m	86.89	90.96	94.47
WM0052	5x1.5 sq.mm	m	105.52	110.60	114.99
WM0053	6x1.5 sq.mm	m	124.14	130.24	135.50
WM0054	7x1.5 sq.mm	m	145.03	152.15	158.28
WM0055	8x1.5 sq.mm	m	163.65	171.79	178.80
WM0056	2x2 sq.mm	m	60.06	60.07	61.26
WM0057	3x2 sq.mm	m	84.57	84.58	86.37
WM0058	4x2 sq.mm	m	110.43	110.45	112.84
WM0059	5x2 sq.mm	m	134.94	134.97	137.95
WM0060	6x2 sq.mm	m	161.71	161.74	165.32
WM0061	2x2.5 sq.mm	m	77.26	79.55	82.06
WM0062	3x2.5 sq.mm	m	110.37	113.81	117.57
WM0063	4x2.5 sq.mm	m	144.84	149.42	154.43
WM0064	5x2.5 sq.mm	m	177.95	183.68	189.94
WM0065	6x2.5 sq.mm	m	213.33	220.19	227.71
WM0066	2x4 sq.mm	m	105.32	106.65	110.85
WM0067	3x4 sq.mm	m	151.78	153.78	160.08
WM0068	4x4 sq.mm	m	200.51	203.17	211.57
WM0069	5x4 sq.mm	m	246.97	250.30	260.80
WM0070	2x6 sq.mm	m	140.69	141.38	146.29
WM0071	3x6 sq.mm	m	207.11	208.15	215.51
WM0072	4x6 sq.mm	m	272.96	274.35	284.16

**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	709.69	830.32	901.49
WM0096	Medium Point	point	1125.87	1267.48	1355.31
WM0097	Long Point	point	1594.08	1759.86	1864.39

**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	739.74	861.72	934.81
WM0106	Medium Point	point	1196.91	1341.70	1434.07
WM0107	Long Point	point	1712.93	1884.04	1996.17

**Wiring for 3/5 pin, 6 ampere plug point with 2 sq.mm 1.1kV grade, PVC insulated copper 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	1030.14	1182.98	1367.63
WM0116	Medium Point	point	1624.36	1761.74	1963.03

Code	Description	Units	PL	GP	SJ
WM0117	Long Point	point	2300.28	2419.34	2637.29
	<b>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 &amp; fixing 3/5 pin, 6 ampere socket outlet and switch including earthing the third pin, connections, painting, testing &amp; commissioning required</b>	etc. as			
WM0125	Short Point	point	1067.62	1225.42	1412.94
WM0126	Medium Point	point	1712.94	1862.05	2070.12
WM0127	Long Point	point	2448.48	2587.17	2816.45
	<b>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 &amp; fixing 3 pin, 6/16 ampere socket outlet and switch including earthing the third pin, connections, painting, testing and commissioning etc. as required</b>				
WM0135	Short Point	point	1323.06	1542.38	1700.12
WM0136	Medium Point	point	2047.69	2255.49	2438.80
WM0137	Long Point	point	2875.77	3069.82	3280.22
	<b>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 &amp; fixing 5/6 pin, 6/16 ampere socket outlet and switch including earthing the third pin, connections, painting, testing and commissioning etc. as required</b>				
WM0145	Short Point	point	1563.65	1599.72	1761.47
WM0146	Medium Point	point	2233.78	2255.49	2438.80
WM0147	Long Point	point	2875.77	3069.82	3280.22
	<b>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 &amp; fixing 3 pin, 16 ampere socket outlet and switch including earthing the third pin, connections, painting, testing and commissioning etc. as required</b>				
WM0155	Short Point	point	1323.06	1542.38	1700.12
WM0156	Medium Point	point	2047.69	2255.49	2438.80
WM0157	Long Point	point	2875.77	3069.82	3280.22
	<b>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</b>				
WM0165	Short Point	point	765.63	897.62	993.14
WM0166	Medium Point	point	1216.63	1371.71	1485.19
WM0167	Long Point	point	1725.48	1907.18	2038.86
	<b>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</b>				
WM0175	Short Point	point	810.71	976.57	1073.14
WM0176	Medium Point	point	1323.19	1558.30	1674.26
WM0177	Long Point	point	1903.76	2219.36	2355.20
	<b>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 &amp; commissioning etc. as required</b>				
WM0185	2x1 sq.mm	m	147.83	155.93	161.44
WM0186	2x1.5 sq.mm	m	161.63	170.34	176.74
WM0187	2x4 sq.mm	m	220.59	228.61	237.45
	<b>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</b>				
WM0195	2x2 sq.mm	m	173.40	180.09	185.92
WM0196	2x2.5 sq.mm	m	190.60	199.57	206.72

Code	Description	Units	PL	GP	SJ
<b>Wiring for power circuit with 1.1kV grade, PVC insulated copper conductor cable in surface conduit including connections, painting, testing and commissioning etc. as required</b>		<b>MS</b>			
WM0205	2x4 sq.mm	m	220.59	228.61	237.45
<b>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</b>					
WM0210	2x6 sq.mm	m	276.46	293.06	303.34
WM0211	2x10 sq.mm	m	407.17	424.01	430.36
WM0212	2x16 sq.mm	m	504.42	523.08	538.25
WM0213	4x6 sq.mm	m	414.72	430.16	444.27
WM0214	4x10 sq.mm	m	640.31	659.70	671.19
WM0215	4x16 sq.mm	m	1007.13	1023.13	1051.26
<b>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</b>					
WM0230	Short Point	point	897.88	1018.52	1089.68
WM0231	Medium Point	point	1382.59	1524.20	1612.03
WM0232	Long Point	point	2125.99	2279.65	2386.95
<b>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</b>					
WM0240	Short Point	point	953.58	1071.15	1143.01
WM0241	Medium Point	point	1490.16	1624.10	1712.53
WM0242	Long Point	point	2125.99	2279.65	2386.95
<b>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</b>					
WM0250	Short Point	point	1218.34	1371.17	1555.09
WM0251	Medium Point	point	1902.73	2040.47	2237.66
WM0252	Long Point	point	2644.42	2764.01	2976.19
<b>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</b>					
WM0260	Short Point	point	1218.34	1371.17	1555.09
WM0261	Medium Point	point	1881.08	2018.47	2219.02
WM0262	Long Point	point	2644.42	2764.01	2973.99
<b>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</b>					
WM0270	Short Point	point	1970.18	2406.98	3029.03
WM0271	Medium Point	point	2107.14	2251.33	2468.11
WM0272	Long Point	point	2990.16	3120.61	3364.48
<b>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</b>					
WM0280	Short Point	point	1368.47	1527.03	1722.25
WM0281	Medium Point	point	2107.14	2251.33	2468.11
WM0282	Long Point	point	2990.16	3120.61	3364.48
<b>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</b>					
WM0290	Short Point	point	1348.26	1498.40	1716.14
WM0291	Medium Point	point	2107.14	2251.33	2468.11

Code	Description	Units	PL	GP	SJ
WM0292	Long Point	point	2990.16	3120.61	3364.48
<b>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</b>					
WM0300	Short Point	point	953.82	1085.82	1181.34
WM0301	Medium Point	point	1328.84	1481.23	1592.72
WM0302	Long Point	point	1722.42	1898.28	2025.62
<b>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</b>					
WM0310	Short Point	point	998.90	1132.92	1231.32
WM0311	Medium Point	point	1579.91	1739.76	1860.06
WM0312	Long Point	point	2215.43	2405.11	2548.20
<b>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</b>					
WM0320	2x1 sq.mm	m	163.92	169.89	175.29
WM0321	2x1.5 sq.mm	m	177.71	184.31	190.59
WM0322	2x4 sq.mm	m	239.91	245.80	254.53
<b>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</b>					
WM0330	2x2 sq.mm	m	189.48	194.05	199.78
WM0331	2x2.5 sq.mm	m	206.69	213.54	220.58
<b>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</b>					
WM0340	2x4 sq.mm	m	239.91	245.80	254.53
<b>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</b>					
WM0350	2x6 sq.mm	m	295.77	310.25	320.42
WM0351	2x10 sq.mm	m	427.48	442.20	448.45
WM0352	2x16 sq.mm	m	524.74	541.27	556.34
WM0353	4x6 sq.mm	m	457.64	470.95	484.95
WM0354	4x10 sq.mm	m	651.03	668.29	679.67
WM0355	4x16 sq.mm	m	916.38	931.34	957.62

### 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	13.33	14.05	14.07
WC0002	2x1.5 sq.mm	m	15.80	17.24	17.29
WC0003	3x1.5 sq.mm	m	18.28	20.44	20.51
WC0004	4x1.5 sq.mm	m	21.20	24.08	24.18
WC0005	5x1.5 sq.mm	m	23.68	27.28	27.39
WC0006	6x1.5 sq.mm	m	26.15	30.47	30.61
WC0007	7x1.5 sq.mm	m	30.89	35.93	36.09
WC0008	8x1.5 sq.mm	m	33.36	39.12	39.30
WC0009	2x2.5 sq.mm	m	16.91	17.33	18.67
WC0010	3x2.5 sq.mm	m	22.20	22.82	24.84
WC0011	4x2.5 sq.mm	m	27.04	27.87	30.55
WC0012	5x2.5 sq.mm	m	30.97	32.01	35.36
WC0013	6x2.5 sq.mm	m	36.26	37.51	41.53



Code	Description	Units	PL	GP	SJ
WC0014	2x4 sq.mm	m	21.17	21.68	22.58
WC0015	3x4 sq.mm	m	29.49	30.25	31.61
WC0016	4x4 sq.mm	m	36.46	37.47	39.29
WC0017	5x4 sq.mm	m	43.87	45.14	47.41
WC0018	2x6 sq.mm	m	27.06	26.38	27.74
WC0019	3x6 sq.mm	m	34.93	33.92	35.96
WC0020	4x6 sq.mm	m	45.07	43.72	46.43

### Copper Conductor

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

WC0040	1x1 sq.mm	m	20.77	21.48	21.92
WC0041	2x1 sq.mm	m	32.50	33.91	34.79
WC0042	3x1 sq.mm	m	44.22	46.35	47.65
WC0043	4x1 sq.mm	m	58.21	61.04	62.78
WC0044	5x1 sq.mm	m	69.94	73.48	75.65
WC0045	6x1 sq.mm	m	81.66	85.91	88.52
WC0046	7x1 sq.mm	m	95.65	100.60	103.65
WC0047	8x1 sq.mm	m	107.37	113.04	116.52
WC0048	9x1 sq.mm	m	119.10	125.47	129.39
WC0049	2x1.5 sq.mm	m	46.30	48.33	50.08
WC0050	3x1.5 sq.mm	m	64.92	67.97	70.60
WC0051	4x1.5 sq.mm	m	85.81	89.87	93.38
WC0052	5x1.5 sq.mm	m	104.43	109.51	113.90
WC0053	6x1.5 sq.mm	m	123.05	129.16	134.42
WC0054	7x1.5 sq.mm	m	143.94	151.06	157.20
WC0055	8x1.5 sq.mm	m	162.56	170.70	177.71
WC0056	2x2 sq.mm	m	58.07	58.08	59.27
WC0057	3x2 sq.mm	m	83.93	83.95	85.73
WC0058	4x2 sq.mm	m	108.89	108.91	111.30
WC0059	5x2 sq.mm	m	133.86	133.88	136.86
WC0060	6x2 sq.mm	m	158.82	158.85	162.42
WC0061	2x2.5 sq.mm	m	75.27	77.56	80.07
WC0062	3x2.5 sq.mm	m	109.74	113.17	116.93
WC0063	4x2.5 sq.mm	m	143.30	147.88	152.89
WC0064	5x2.5 sq.mm	m	176.87	182.59	188.86
WC0065	6x2.5 sq.mm	m	210.43	217.30	224.82
WC0066	2x4 sq.mm	m	103.33	104.66	108.86
WC0067	3x4 sq.mm	m	150.25	152.24	158.54
WC0068	4x4 sq.mm	m	197.61	200.28	208.68
WC0069	5x4 sq.mm	m	244.53	247.86	258.36
WC0070	2x6 sq.mm	m	139.15	139.84	144.75
WC0071	3x6 sq.mm	m	204.21	205.26	212.61
WC0072	4x6 sq.mm	m	269.25	270.64	280.45

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

WC0095	1x1 sq.mm	m	26.74	27.45	27.89
WC0096	2x1 sq.mm	m	38.47	39.88	40.76
WC0097	3x1 sq.mm	m	50.19	52.32	53.62
WC0098	4x1 sq.mm	m	65.10	67.94	69.68
WC0099	5x1 sq.mm	m	76.83	80.37	82.55
WC0100	6x1 sq.mm	m	88.55	92.80	95.41
WC0101	7x1 sq.mm	m	103.46	108.42	111.47
WC0102	8x1 sq.mm	m	115.19	120.85	124.34
WC0103	9x1 sq.mm	m	126.91	133.29	137.20
WC0104	2x1.5 sq.mm	m	38.47	39.88	40.76
WC0105	3x1.5 sq.mm	m	70.89	73.94	76.57
WC0106	4x1.5 sq.mm	m	92.70	96.77	100.27
WC0107	5x1.5 sq.mm	m	111.32	116.41	120.79
WC0108	6x1.5 sq.mm	m	129.95	136.05	141.31
WC0109	7x1.5 sq.mm	m	151.76	158.87	165.01
WC0110	8x1.5 sq.mm	m	170.38	178.52	185.53
WC0111	2x2 sq.mm	m	67.22	67.23	68.42
WC0112	3x2 sq.mm	m	91.73	91.74	93.53
WC0113	4x2 sq.mm	m	119.42	119.44	121.83
WC0114	5x2 sq.mm	m	143.93	143.96	146.94

Code	Description	Units	PL	GP	SJ
WC0115	6x2 sq.mm	m	168.44	168.47	172.05
WC0116	2x2.5 sq.mm	m	84.43	86.71	89.22
WC0117	3x2.5 sq.mm	m	117.54	120.97	124.73
WC0118	4x2.5 sq.mm	m	153.83	158.41	163.42
WC0119	5x2.5 sq.mm	m	186.95	192.67	198.93
WC0120	6x2.5 sq.mm	m	220.06	226.92	234.44
WC0121	2x4 sq.mm	m	114.31	115.64	119.85
WC0122	3x4 sq.mm	m	162.59	164.58	170.88
WC0123	4x4 sq.mm	m	210.42	213.09	221.49
WC0124	5x4 sq.mm	m	257.79	261.12	271.62
WC0125	2x6 sq.mm	m	149.68	150.37	155.28
WC0126	3x6 sq.mm	m	216.12	217.16	224.52
WC0127	4x6 sq.mm	m	282.06	283.45	293.26
<b>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</b>					
WC0150	Short Point	point	641.10	757.54	824.66
WC0151	Medium Point	point	890.88	1023.07	1090.69
WC0152	Long Point	point	1198.74	1349.66	1417.85
<b>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</b>					
WC0160	Short Point	point	671.16	788.94	857.99
WC0161	Medium Point	point	961.92	1097.29	1169.45
WC0162	Long Point	point	1317.59	1473.84	1549.63
<b>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</b>					
WC0170	Short Point	point	965.00	1116.75	1293.58
WC0171	Medium Point	point	1410.54	1544.64	1723.45
WC0172	Long Point	point	1947.37	2061.35	2242.50
<b>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</b>					
WC0180	Short Point	point	1002.47	1159.19	1338.88
WC0181	Medium Point	point	1499.11	1644.96	1830.53
WC0182	Long Point	point	2095.57	2229.18	2421.65
<b>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</b>					
WC0190	Short Point	point	1243.79	1463.71	1613.49
WC0191	Medium Point	point	1819.75	2025.95	2186.64
WC0192	Long Point	point	2508.73	2699.40	2872.84
<b>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</b>					
WC0200	Short Point	point	1429.89	1598.04	1860.43
WC0201	Medium Point	point	2005.84	2160.28	2433.57
WC0202	Long Point	point	2694.83	2833.72	3119.78
<b>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</b>					
WC0210	Short Point	point	1243.79	1463.71	1613.49
WC0211	Medium Point	point	1819.75	2025.95	2186.64
WC0212	Long Point	point	2508.73	2699.40	2872.84

Code	Description	Units	PL	GP	SJ
<b>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</b>					
WC0220	Short Point	point	700.14	826.60	919.04
WC0221	Medium Point	point	1002.47	1149.81	1245.55
WC0222	Long Point	point	1372.23	1544.39	1644.02
<b>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</b>					
WC0230	Short Point	point	745.23	873.70	969.02
WC0231	Medium Point	point	1109.03	1261.14	1363.70
WC0232	Long Point	point	1550.50	1730.66	1841.68
<b>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</b>					
WC0240	2x1 sq.mm	m	89.03	95.22	95.40
WC0241	2x1.5 sq.mm	m	102.83	109.63	110.70
WC0242	2x4 sq.mm	m	167.61	173.72	177.23
<b>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</b>					
WC0250	2x2 sq.mm	m	114.60	119.38	119.88
WC0251	2x2.5 sq.mm	m	131.80	138.86	140.68
<b>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</b>					
WC0260	2x4 sq.mm	m	167.61	173.72	177.23
<b>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</b>					
WC0270	2x6 sq.mm	m	213.30	219.24	225.24
WC0271	2x10 sq.mm	m	350.26	358.65	362.47
WC0272	2x16 sq.mm	m	447.51	457.72	470.36
WC0273	4x6 sq.mm	m	368.12	375.12	386.69
WC0274	4x10 sq.mm	m	606.24	617.37	625.44
WC0275	4x16 sq.mm	m	852.59	870.14	895.61
<b>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</b>					
WC0290	Short Point	point	836.29	961.09	1033.75
WC0291	Medium Point	point	1249.46	1396.21	1480.79
WC0292	Long Point	point	1683.58	1856.59	1954.52
<b>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</b>					
WC0300	Short Point	point	866.34	992.49	1067.07
WC0301	Medium Point	point	1320.50	1470.43	1559.55
WC0302	Long Point	point	1802.43	1980.77	2086.30
<b>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</b>					
WC0310	Short Point	point	1473.47	1692.44	2023.54
WC0311	Medium Point	point	1763.76	1906.85	2104.73
WC0312	Long Point	point	2405.58	2532.45	2743.63

Code	Description	Units	PL	GP	SJ
<b>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</b>					
WC0320	Short Point	point	1210.02	1372.56	1561.41
WC0321	Medium Point	point	1852.33	2007.17	2211.81
WC0322	Long Point	point	2553.78	2700.28	2922.79
<b>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</b>					
WC0330	Short Point	point	1407.29	1633.45	1788.83
WC0331	Medium Point	point	2049.61	2268.05	2439.22
WC0332	Long Point	point	2751.05	2961.16	3150.21
<b>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</b>					
WC0340	Short Point	point	1465.46	1689.53	1848.60
WC0341	Medium Point	point	2373.18	2534.93	2827.43
WC0342	Long Point	point	3167.15	3317.26	3633.50
<b>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</b>					
WC0350	Short Point	point	1465.46	1689.53	1848.60
WC0351	Medium Point	point	2187.09	2400.60	2580.50
WC0352	Long Point	point	2981.06	3182.93	3386.56
<b>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</b>					
WC0360	Short Point	point	892.23	1028.39	1125.41
WC0361	Medium Point	point	1340.23	1500.44	1610.67
WC0362	Long Point	point	1814.97	2003.91	2128.99
<b>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</b>					
WC0370	Short Point	point	937.31	1075.49	1175.39
WC0371	Medium Point	point	1446.78	1611.77	1728.81
WC0372	Long Point	point	1993.25	2190.17	2326.66
<b>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</b>					
WC0380	2x1 sq.mm	m	129.58	137.78	142.37
WC0381	2x1.5 sq.mm	m	143.38	152.20	157.67
WC0382	2x4 sq.mm	m	205.44	213.56	221.47
<b>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</b>					
WC0390	2x2 sq.mm	m	155.15	161.95	166.86
WC0391	2x2.5 sq.mm	m	172.35	181.43	187.65
<b>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</b>					
WC0400	2x4 sq.mm	m	205.44	213.56	221.47

Code	Description	Units	PL	GP	SJ
<b>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</b>					
WC0410	2x6 sq.mm	m	250.72	260.08	270.59
WC0411	2x10 sq.mm	m	378.60	397.94	402.88
WC0412	2x16 sq.mm	m	475.85	497.01	510.77
WC0413	4x6 sq.mm	m	408.61	426.56	439.24
WC0414	4x10 sq.mm	m	645.13	684.00	691.09
WC0415	4x16 sq.mm	m	883.78	930.23	961.99

### 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	21.68	22.39	22.82
WS0002	2x1 sq.mm	m	33.40	34.82	35.69
WS0003	3x1 sq.mm	m	45.13	47.25	48.56
WS0004	4x1 sq.mm	m	58.21	61.04	62.78
WS0005	5x1 sq.mm	m	69.94	73.48	75.65
WS0006	6x1 sq.mm	m	81.66	85.91	88.52
WS0007	7x1 sq.mm	m	95.65	100.60	103.65
WS0008	8x1 sq.mm	m	107.37	113.04	116.52
WS0009	9x1 sq.mm	m	119.10	125.47	129.39
WS0010	2x1.5 sq.mm	m	47.20	49.23	50.99
WS0011	3x1.5 sq.mm	m	65.82	68.88	71.51
WS0012	4x1.5 sq.mm	m	85.81	89.87	93.38
WS0013	5x1.5 sq.mm	m	104.43	109.51	113.90
WS0014	6x1.5 sq.mm	m	123.05	129.16	134.42
WS0015	7x1.5 sq.mm	m	143.94	151.06	157.20
WS0016	8x1.5 sq.mm	m	162.56	170.70	177.71
WS0017	2x2 sq.mm	m	58.97	58.98	60.17
WS0018	3x2 sq.mm	m	83.48	83.49	85.28
WS0019	4x2 sq.mm	m	109.35	109.37	111.75
WS0020	5x2 sq.mm	m	133.86	133.88	136.86
WS0021	6x2 sq.mm	m	160.63	160.66	164.23
WS0022	2x2.5 sq.mm	m	76.18	78.46	80.97
WS0023	3x2.5 sq.mm	m	109.29	112.72	116.48
WS0024	4x2.5 sq.mm	m	143.76	148.33	153.35
WS0025	5x2.5 sq.mm	m	176.87	182.59	188.86
WS0026	6x2.5 sq.mm	m	212.24	219.11	226.63
WS0027	2x4 sq.mm	m	104.24	105.57	109.77
WS0028	3x4 sq.mm	m	150.70	152.70	159.00
WS0029	4x4 sq.mm	m	199.42	202.09	210.49
WS0030	5x4 sq.mm	m	245.89	249.21	259.72
WS0031	2x6 sq.mm	m	139.60	140.30	145.20
WS0032	3x6 sq.mm	m	206.02	207.07	214.42
WS0033	4x6 sq.mm	m	271.88	273.26	283.07

**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	727.66	847.05	917.98
WS0056	Medium Point	point	1107.27	1245.78	1333.04
WS0057	Long Point	point	1560.74	1721.22	1824.77

Code	Description	Units	PL	GP	SJ
<b>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</b>					
WS0065	Short Point	point	757.71	878.45	951.31
WS0066	Medium Point	point	1178.31	1320.00	1411.80
WS0067	Long Point	point	1679.59	1845.39	1956.55
<b>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</b>					
WS0075	Short Point	point	1048.11	1199.70	1384.13
WS0076	Medium Point	point	1605.77	1740.05	1940.76
WS0077	Long Point	point	2266.94	2380.69	2597.67
<b>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</b>					
WS0085	Short Point	point	1085.58	1242.14	1429.43
WS0086	Medium Point	point	1694.34	1840.36	2047.85
WS0087	Long Point	point	2415.13	2548.52	2776.83
<b>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</b>					
WS0095	Short Point	point	1341.02	1559.10	1716.62
WS0096	Medium Point	point	2029.09	2233.80	2416.53
WS0097	Long Point	point	2842.42	3031.18	3240.60
<b>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</b>					
WS0105	Short Point	point	1527.12	1693.43	1963.55
WS0106	Medium Point	point	2215.19	2368.12	2663.47
WS0107	Long Point	point	3028.51	3165.50	3487.54
<b>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</b>					
WS0115	Short Point	point	1341.02	1559.10	1716.62
WS0116	Medium Point	point	2029.09	2233.80	2416.53
WS0117	Long Point	point	2842.42	3031.18	3240.60
<b>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</b>					
WS0125	Short Point	point	729.62	774.16	824.89
WS0126	Medium Point	point	1144.06	1209.82	1278.17
WS0127	Long Point	point	1638.15	1728.34	1814.49

Code	Description	Units	PL	GP	SJ
<b>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</b>					
WS0135	Short Point	point	774.70	821.26	874.87
WS0136	Medium Point	point	1250.62	1321.15	1396.31
WS0137	Long Point	point	1816.43	1914.60	2012.16
<b>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</b>					
WS0145	2x1 sq.mm	m	143.30	150.49	155.84
WS0146	2x1.5 sq.mm	m	157.09	164.90	171.14
WS0147	2x4 sq.mm	m	221.88	228.99	237.67
<b>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</b>					
WS0155	2x2 sq.mm	m	168.87	174.65	180.32
WS0156	2x2.5 sq.mm	m	186.07	194.13	201.12
<b>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</b>					
WS0165	2x4 sq.mm	m	221.88	228.99	237.67
<b>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</b>					
WS0175	2x6 sq.mm	m	272.03	278.54	288.04
WS0176	2x10 sq.mm	m	435.09	443.94	451.07
WS0177	2x16 sq.mm	m	532.34	543.02	558.96
WS0178	4x6 sq.mm	m	452.96	460.41	475.28
WS0179	4x10 sq.mm	m	744.52	756.45	766.25
WS0180	4x16 sq.mm	m	1022.11	1038.02	1066.15

## 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	127.99	131.07	132.97
WR0116	Medium Point	point	270.03	277.32	281.80
WR0117	Long Point	point	428.20	440.40	447.90

**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	158.04	162.47	166.29
WR0126	Medium Point	point	341.07	351.54	360.57
WR0127	Long Point	point	547.05	564.57	579.68

**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	183.68	183.70	186.30
WR0136	Medium Point	point	401.67	401.71	407.85
WR0137	Long Point	point	648.44	648.52	658.79

Code	Description	Units	PL	GP	SJ
<b>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</b>					
WR0145	Short Point	point	221.16	226.14	231.60
WR0146	Medium Point	point	490.25	502.03	514.93
WR0147	Long Point	point	796.64	816.35	837.95
<b>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</b>					
WR0155	Short Point	point	153.53	158.16	161.00
WR0156	Medium Point	point	330.40	341.33	348.06
WR0157	Long Point	point	529.20	547.50	558.75
<b>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</b>					
WR0165	Short Point	point	198.61	205.26	210.99
WR0166	Medium Point	point	436.95	452.66	466.20
WR0167	Long Point	point	707.48	733.76	756.41
<b>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</b>					
WR0175	Short Point	point	279.32	282.22	291.37
WR0176	Medium Point	point	627.72	634.58	656.21
WR0177	Long Point	point	1026.65	1038.12	1074.30
<b>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</b>					
WR0185	2x1 sq.mm	m	43.81	45.22	46.10
WR0186	2x1.5 sq.mm	m	57.61	59.64	61.39
WR0187	2x4 sq.mm	m	115.55	116.88	121.08
<b>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</b>					
WR0200	2x2 sq.mm	m	69.38	69.39	70.58
WR0201	2x2.5 sq.mm	m	86.58	88.87	91.38
<b>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</b>					
WR0215	2x6 sq.mm	m	150.91	151.61	156.51
WR0216	2x10 sq.mm	m	257.56	260.34	262.40
WR0217	2x16 sq.mm	m	354.99	359.60	370.48
WR0218	4x6 sq.mm	m	282.55	283.94	293.75
WR0219	4x10 sq.mm	m	492.04	497.62	501.73
WR0220	4x16 sq.mm	m	686.55	695.76	717.52
<b>Rewiring in PVC Casing &amp; Capping</b>					
<b>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 &amp; capping including dismantling as per site requirement, painting, testing and commissioning etc. as required</b>					
WR0230	Short Point	point	107.63	110.72	112.61
WR0231	Medium Point	point	233.84	241.13	245.61
WR0232	Long Point	point	382.96	395.16	402.66



Code	Description	Units	PL	GP	SJ
<b>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 &amp; capping including dismantling as per site requirement, painting, testing and commissioning etc. as required</b>					
WR0240	Short Point	point	137.69	142.12	145.94
WR0241	Medium Point	point	304.87	315.35	324.37
WR0242	Long Point	point	501.81	519.33	534.44
<b>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 &amp; capping including dismantling as per site requirement, painting, testing and commissioning etc. as required</b>					
WR0250	Short Point	point	163.32	163.34	165.94
WR0251	Medium Point	point	365.47	365.52	371.66
WR0252	Long Point	point	603.20	603.28	613.55
<b>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 &amp; capping including dismantling as per site requirement, painting, testing and commissioning etc. as required</b>					
WR0260	Short Point	point	200.80	205.78	211.24
WR0261	Medium Point	point	454.05	465.83	478.74
WR0262	Long Point	point	751.40	771.11	792.71

Code	Description	Units	PL	GP	SJ
<b>Rewiring for twin light point with 1 sq.mm 1.1kV grade, PVC insulated copper conductor cable on existing PVC casing &amp; capping including dismantling as per site requirement, painting, testing and commissioning etc. as required</b>					
WR0270	Short Point	point	133.17	137.80	140.64
WR0271	Medium Point	point	294.20	305.14	311.86
WR0272	Long Point	point	483.96	502.25	513.50
<b>Rewiring for twin light point with 1.5 sq.mm 1.1kV grade, PVC insulated copper conductor cable on existing PVC casing &amp; capping including dismantling as per site requirement, painting, testing and commissioning etc. as required</b>					
WR0280	Short Point	point	178.25	184.90	190.63
WR0281	Medium Point	point	400.76	416.47	430.01
WR0282	Long Point	point	662.24	688.52	711.17
<b>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 &amp; capping including dismantling as per site requirement, painting, testing and commissioning etc. as required</b>					
WR0290	Short Point	point	258.96	261.86	271.01
WR0291	Medium Point	point	591.53	598.39	620.01
WR0292	Long Point	point	981.41	992.88	1029.06
<b>Rewiring for points in excess length above long points with 1.1kV grade, PVC insulated copper conductor cable on existing PVC casing &amp; capping including dismantling as per site requirement, painting, testing and commissioning etc. as required</b>					
WR0300	2x1 sq.mm	m	37.20	38.62	39.49
WR0301	2x1.5 sq.mm	m	51.00	53.04	54.79
WR0302	2x4 sq.mm	m	108.22	109.55	113.75
<b>Rewiring for lighting circuit with 1.1kV grade, PVC insulated copper conductor cable on existing PVC casing &amp; capping including dismantling as per site requirement, painting, testing and commissioning etc. as required</b>					
WR0315	2x2 sq.mm	m	62.77	62.78	63.97
WR0316	2x2.5 sq.mm	m	79.98	82.26	84.77
<b>Rewiring for sub-main with 1.1kV grade, PVC insulated copper conductor cable on existing PVC casing &amp; capping including dismantling as per site requirement, painting, testing and commissioning etc. as required</b>					
WR0330	2x6 sq.mm	m	143.58	144.28	149.18
WR0331	2x10 sq.mm	m	248.51	251.30	253.36
WR0332	2x16 sq.mm	m	345.76	350.37	361.25
<b>Rewiring in PVC/MS Conduit (Surface)</b>					
<b>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</b>					
WR0345	Short Point	point	120.10	123.19	125.08
WR0346	Medium Point	point	261.00	268.29	272.77
WR0347	Long Point	point	442.47	454.67	462.17
<b>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</b>					
WR0355	Short Point	point	150.16	154.59	158.41
WR0356	Medium Point	point	332.04	342.51	351.54
WR0357	Long Point	point	561.32	578.84	593.95

Code	Description	Units	PL	GP	SJ
<b>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</b>					
WR0365	Short Point	point	175.79	175.81	178.41
WR0366	Medium Point	point	392.64	392.69	398.82
WR0367	Long Point	point	662.71	662.79	673.06
<b>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</b>					
WR0375	Short Point	point	213.27	218.25	223.71
WR0376	Medium Point	point	481.22	493.00	505.90
WR0377	Long Point	point	810.91	830.62	852.21
<b>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</b>					
WR0385	Short Point	point	145.64	150.27	153.11
WR0386	Medium Point	point	321.37	332.30	339.03
WR0387	Long Point	point	543.47	561.76	573.01
<b>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</b>					
WR0395	Short Point	point	190.72	197.37	203.10
WR0396	Medium Point	point	427.92	443.63	457.17
WR0397	Long Point	point	721.75	748.03	770.68
<b>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</b>					
WR0405	Short Point	point	271.43	274.33	283.48
WR0406	Medium Point	point	618.69	625.55	647.18
WR0407	Long Point	point	1040.92	1052.39	1088.57
<b>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</b>					
WR0415	2x1 sq.mm	m	43.90	45.32	46.19
WR0416	2x1.5 sq.mm	m	57.70	59.73	61.49
WR0417	2x4 sq.mm	m	114.72	116.05	120.25
<b>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</b>					
WR0430	2x2 sq.mm	m	69.47	69.48	70.67
WR0431	2x2.5 sq.mm	m	86.68	88.96	91.47
<b>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</b>					
WR0445	2x6 sq.mm	m	150.09	150.78	155.69
WR0446	2x10 sq.mm	m	254.38	257.17	259.23
WR0447	2x16 sq.mm	m	351.63	356.24	367.12
WR0448	4x6 sq.mm	m	278.64	280.03	289.84
WR0449	4x10 sq.mm	m	488.52	494.09	498.21
WR0450	4x16 sq.mm	m	683.02	692.23	713.99

Code	Description	Units	PL	GP	SJ
<b>CONDUITING/LAYING CASING &amp; CAPPING</b>					
<b>PVC Casing &amp; Capping</b>					
<b>Supplying and fixing of PVC casing &amp; capping on surface including cup washer, screws, bends, elbows, Tees, corners, etc. complete as required</b>					
CD0045	13x12x1.2mm	m	61.66	76.05	77.72
CD0046	20x12x1.2mm	m	67.95	78.56	83.85
CD0047	25x10x1.2mm	m	72.83	84.56	90.90
CD0048	32x10x1.2mm	m	85.05	94.80	101.18
CD0049	40x10x1.2mm	m	104.13	118.58	121.68
CD0050	50x10x1.2mm	m	131.30	143.21	149.37
<b>Supplying and fixing of PVC casing &amp; 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</b>					
CD0060	Short Point	point	268.06	308.06	317.28
CD0061	Medium Point	point	420.69	503.54	516.35
CD0062	Long Point	point	604.02	736.38	753.33
<b>Supplying and fixing of PVC casing &amp; 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</b>					
CD0070	Short Point	point	280.66	313.09	329.53
CD0071	Medium Point	point	452.18	516.12	546.97
CD0072	Long Point	point	657.55	757.77	805.39
<b>Supplying and fixing of PVC casing &amp; 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</b>					
CD0080	Short Point	point	307.50	342.65	359.49
CD0081	Medium Point	point	479.03	545.68	576.93
CD0082	Long Point	point	684.39	787.33	835.35
<b>PVC Conduit (Surface)</b>					
<b>Supplying and fixing of PVC conduit on surface including all accessories such as screws, bends, elbows, Tees, corners, etc. complete as required</b>					
CD0090	20mm	m	65.27	70.33	70.28
CD0091	25mm	m	77.43	82.96	84.69
CD0092	32mm	m	101.35	107.24	109.63
CD0093	40mm	m	128.98	134.79	138.98
CD0094	50mm	m	182.30	190.93	195.27
<b>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</b>					
CD0105	Short Point	point	261.51	282.80	287.02
CD0106	Medium Point	point	457.57	492.52	496.27
CD0107	Long Point	point	653.62	706.34	708.98
<b>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</b>					
CD0115	Short Point	point	261.51	282.80	287.02
CD0116	Medium Point	point	303.83	334.24	339.96
CD0117	Long Point	point	653.62	706.34	708.98
<b>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</b>					

Code	Description	Units	PL	GP	SJ
CD0125	Short Point	point	288.36	312.36	316.98
CD0126	Medium Point	point	330.67	363.81	369.93
CD0127	Long Point	point	680.47	735.90	738.94

#### 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	110.55	115.55	119.58
CD0136	25mm	m	127.16	132.21	136.35
CD0137	32mm	m	177.19	182.48	187.09
CD0138	40mm	m	259.75	265.33	270.55
CD0139	50mm	m	342.83	348.76	354.67

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	359.38	398.73	408.66
CD0151	Medium Point	point	723.86	796.85	819.71
CD0152	Long Point	point	1101.95	1212.79	1250.14

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	359.38	398.73	408.66
CD0161	Medium Point	point	431.68	501.06	514.68
CD0162	Long Point	point	1101.95	1212.79	1250.14

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	390.74	426.40	440.20
CD0171	Medium Point	point	463.05	528.74	546.21
CD0172	Long Point	point	1133.31	1240.46	1281.67

#### 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	116.64	122.98	124.84
CD0181	25mm	m	138.03	153.81	156.41
CD0182	32mm	m	163.57	177.49	179.02
CD0183	40mm	m	182.21	195.89	200.49
CD0184	50mm	m	253.04	260.79	262.64

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	361.97	386.25	390.43
CD0196	Medium Point	point	696.60	729.89	740.12
CD0197	Long Point	point	1051.20	1093.50	1109.57

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	384.77	418.00	422.64
CD0201	Medium Point	point	532.85	577.86	584.84
CD0202	Long Point	point	1129.66	1202.80	1220.41

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

Code	Description	Units	PL	GP	SJ
CD0210	Short Point	point	416.14	445.68	454.17
CD0211	Medium Point	point	564.21	605.54	616.37
CD0212	Long Point	point	1161.03	1230.47	1251.94
<b>HDPE Pipe (recessed)</b>					
<b>Supplying and fixing of HDPE pipe on recessed including all accessories such as screws, bends, elbows, Tees, corners, etc. complete as required</b>					
CD0220	20mm	m	97.92	103.03	106.85
CD0221	25mm	m	107.83	114.83	120.54
CD0222	32mm	m	128.30	143.18	146.16
CD0223	40mm	m	150.77	182.36	185.04
CD0224	50mm	m	197.48	233.05	243.15
<b>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</b>					
CD0235	Short Point	point	421.67	442.26	453.92
CD0236	Medium Point	point	674.21	705.99	727.84
CD0237	Long Point	point	938.53	985.31	1018.66
<b>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</b>					
CD0245	Short Point	point	421.67	442.26	453.92
CD0246	Medium Point	point	674.21	705.99	727.84
CD0247	Long Point	point	938.53	985.31	1018.66
<b>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</b>					
CD0255	Short Point	point	448.52	471.83	483.88
CD0256	Medium Point	point	701.06	735.55	757.81
CD0257	Long Point	point	965.38	1014.88	1048.62
<b>MS Conduit (Recessed)</b>					
<b>Supplying and fixing of recessed MS conduit including all accessories such as screws, bends, elbows, Tees, corners, etc. complete as required</b>					
CD0265	20mm	m	142.77	147.65	149.44
CD0266	25mm	m	164.15	178.47	181.00
CD0267	32mm	m	188.49	200.96	202.41
CD0268	40mm	m	207.13	219.36	223.88
CD0269	50mm	m	279.11	285.40	287.18
<b>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</b>					
CD0280	Short Point	point	535.50	565.00	569.18
CD0281	Medium Point	point	901.31	941.89	951.19
CD0282	Long Point	point	1302.74	1356.57	1370.98
<b>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</b>					
CD0290	Short Point	point	535.50	565.00	569.18
CD0291	Medium Point	point	901.31	941.89	951.19
CD0292	Long Point	point	1302.74	1356.57	1370.98
<b>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</b>					
CD0300	Short Point	point	566.87	592.67	600.71
CD0301	Medium Point	point	932.67	969.56	982.73

Code	Description	Units	PL	GP	SJ
CD0302	Long Point	point	1334.11	1384.24	1402.51
<b>Supplying and fixing of PVC mini trunking on surface including changeable internal angles, external angles, flat angles etc. complete as required</b>					
CD0310	32x12.5mm	m	135.50	135.50	135.50
CD0311	32x16 mm	m	143.10	143.10	143.10
CD0312	32x20 mm	m	160.39	160.39	160.39
<b>Supplying &amp; 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</b>					
CD0320	Short Point	point	409.49	410.82	412.02
CD0321	Medium Point	point	699.56	700.89	702.10
CD0322	Long Point	point	989.19	990.52	991.73
<b>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/flat angles, flat junctions, end caps, switch box, etc. complete as required</b>					
CD0323	Short Point	point	436.33	440.38	441.99
CD0324	Medium Point	point	674.31	678.35	679.96
CD0325	Long Point	point	963.94	967.98	969.59

## BOXES

### Wooden Boxes

#### Supplying & fixing of wooden boxes including painting etc as required

BX0001	75x75x38mm	each	64.52	73.72	75.27
BX0002	100x75x38mm	each	68.73	78.88	93.16
BX0003	100x100x38mm	each	65.09	76.21	76.09
BX0004	150x100x38mm	each	70.99	83.54	85.46
BX0005	180x150x38mm	each	72.35	85.03	85.02
BX0006	200x100x38mm	each	72.35	85.03	94.36
BX0007	250x200x38mm	each	90.18	107.12	115.08
BX0008	300x200x38mm	each	97.89	110.52	118.51
BX0009	450x300x38mm	each	162.70	171.90	171.08

### 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	114.59	120.09	121.50
BX0021	2 Module	each	115.85	123.03	123.57
BX0022	3 Module	each	126.13	130.34	131.51
BX0023	4 Module	each	141.43	149.65	151.46
BX0024	5 Module	each	161.43	167.35	169.85
BX0025	6 Module	each	191.85	207.47	208.49
BX0026	7 Module	each	239.59	245.66	246.75
BX0027	8 Module	each	239.53	253.19	257.33
BX0028	9 Module	each	291.31	299.57	308.96
BX0029	10 Module	each	285.59	317.21	323.33

### 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	111.75	120.91	120.74
BX0051	2 Module	each	111.75	120.91	123.18
BX0052	3 Module	each	146.58	152.04	156.46
BX0053	4 Module	each	161.96	167.42	171.11
BX0054	5 Module	each	175.61	179.70	183.38

Code	Description	Units	PL	GP	SJ
BX0055	6 Module	each	207.26	221.23	220.78
BX0056	7 Module	each	217.78	242.82	254.15
BX0057	8 Module	each	239.45	250.90	255.52
BX0058	9 Module	each	282.34	306.68	298.72
BX0059	10 Module	each	290.88	323.56	361.57

### 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	270.25	364.76	425.74
SS0002	6A switch SP 2-way	each	300.65	404.98	489.36
SS0003	bell push 6A	each	341.21	486.64	659.82

#### Supplying & fixing of socket/regulator on existing wooden board including necessary cutting, connection testing etc. as required.

SS0015	Dimmer/regulator	each	886.23	1081.92	1240.60
SS0016	RJ 11 RJ 11 telephone socket	each	331.20	503.66	632.71
SS0017	TV coaxial socket	each	342.93	488.76	644.12

#### Supplying & fixing of socket outlet on existing wooden board including necessary cutting, connection testing etc. as required.

SS0030	2-pin 6A socket outlet	each	310.03	412.49	571.12
SS0031	5 pin universal socket outlet	each	400.06	547.79	696.39
SS0032	16A fuse unit	each	396.26	481.39	643.55

#### 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	379.55	515.14	610.01
SS0046	5/6 pin 6/16A socket outlet, shuttered	each	525.94	702.16	811.36
SS0047	Ceiling Rose, 2 plate (PVC) 6A	each	50.17	50.40	51.06

#### 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	270.25	364.76	425.74
SS0061	6A switch SP 2-way	each	300.65	404.98	489.36
SS0062	bell push 6A	each	341.21	486.64	659.82

#### 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	886.23	1081.92	1240.60
SS0076	RJ 11 telephone socket	each	331.20	503.66	632.71
SS0077	TV coaxial socket	each	342.93	488.76	644.12

#### 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	310.03	412.49	571.12
SS0091	5 pin universal socket outlet	each	400.06	547.79	696.39
SS0092	16A fuse unit	each	396.26	481.39	643.55

#### 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	379.55	515.14	610.01
SS0106	5/6 pin, 6/16A socket outlet, shuttered	each	525.94	638.95	811.36
SS0107	Ceiling Rose, 2 plate (PVC) 6A	each	50.17	50.40	51.06

#### Supplying & fixing of 6A switch on existing PVC/metal / moulded tough surface box (recessed or surface) including necessary cutting, connection testing etc. as required.



Code	Description	Units	PL	GP	SJ
SS120	6A switch SP 1-way	each	266.45	360.96	421.94
SS121	6A switch SP 2-way	each	296.85	401.18	485.56
SS122	bell push 6A	each	337.41	482.84	656.02
<b>Supplying &amp; fixing of socket/regulator on existing PVC/metal / moulded tough surface box (recessed or surface) including necessary cutting, connection testing etc. as required.</b>					
SS0135	Dimmer/regulator	each	882.43	1078.12	1236.80
SS0136	RJ 11 telephone socket	each	327.40	499.86	628.91
SS0137	TV coaxial socket	each	339.13	484.96	640.32
<b>Supplying &amp; fixing of socket outlet on existing PVC/metal / moulded tough surface box (recessed or surface) including necessary cutting, connection testing etc. as required.</b>					
SS0150	2-pin 6A socket outlet	each	306.23	408.69	567.32
SS0151	5 pin universal socket outlet	each	396.26	543.99	692.59
SS0152	16A fuse unit	each	392.46	477.59	639.75
<b>Supplying &amp; 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.</b>					
SS0165	16A switch SP 1 or 2 way	each	375.79	511.38	606.26
SS0166	5/6 pin, 6/16A socket outlet, shuttered	each	522.18	635.19	807.60
SS0167	Ceiling Rose, 2 plate (PVC) 6A	each	46.41	46.64	47.30
<b>Supplying &amp; 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.</b>					
SS0175	3-pin, 6A socket outlet, shuttered	each	359.87	514.13	682.13
SS0176	5 pin universal socket outlet	each	400.06	547.79	696.39
SS0177	RJ 45 Compter socket	each	939.81	1037.56	1162.21
<b>Supplying &amp; 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.</b>					
SS0185	16A switch SP 1-way	each	354.82	461.04	526.58
SS0186	16A switch SP 2 way	each	379.55	515.14	610.01
SS0187	5/6 pin, 6/16A socket outlet, shuttered	each	525.94	638.95	811.36
<b>Supplying &amp; 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.</b>					
SS0195	3-pin 16A socket outlet, shuttered	each	425.21	638.52	764.51
<b>Supplying &amp; 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.</b>					
SS0205	3-pin 6A switch/socket combined, shuttered	each	477.10	642.75	796.14
<b>Supplying &amp; 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.</b>					
SS0210	3-pin, 16A switch/socket combined, shuttered	each	517.85	664.42	838.70
<b>Supplying &amp; 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.</b>					
SS0220	5/6 pin, 6/16A switch/socket combined, shuttered	each	656.46	810.84	1054.15
SS0221	Batten holder (heavy duty, brass plunger)	each	57.57	58.68	61.50
<b>Supplying &amp; fixing on existing PVC/wooden /metal/moulded tough surface box with fibre sheet cover,</b>					

Code	Description	Units	PL	GP	SJ
	<b>round block, junction box (recessed or surface) including necessary cutting, connection testing etc. as required.</b>				
SS0230	Plain pendant holder with alumetic 2 core PVC wire cord grip	each	55.32	56.94	58.05
SS0231	Plain pendant brass holder (heavy duty with twin twisted flexible wire)	each	55.32	56.94	58.05
SS0232	Angle holder (heavy duty, brass plunger)	each	56.79	57.96	58.92

### 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	176.71	198.27	313.01
IL0002	Globe dia 200, projection 265mm, finish-painted	each	323.98	356.41	476.63
IL0003	Globe dia 250, projection 315mm, finish-painted	each	530.14	583.22	705.71
IL0004	Square louvered, projection 115mm, length or width 240mm, finish-painted	each	530.14	583.22	705.71
IL0005	Special drumlite dia 175, projection 115mm, finish-painted	each	265.07	291.61	411.18
IL0006	Special drumlite dia 225, milky, projection 115mm, finish-painted	each	394.66	434.17	555.16

**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	135.48	149.04	267.19
IL0021	Spot light fixtures, finish-painted, reflector dia 100mm, projection 245mm	each	182.61	200.89	319.56
IL0022	Clamp light fixtures, reflector dia 110mm, projection 225mm, finish-painted	each	294.52	324.01	443.91

**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	235.62	259.21	378.45
IL0036	Rail light fixtures for 2x60W (R), reflector lamp of projection 225mm, rail length 600mm	each	388.77	427.69	548.62
IL0037	Rail light lamp of projection 160mm, rail length 600mm, 2x100W (R)	each	388.77	427.69	548.62

**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	665.63	732.26	856.24
IL0051	Rail lighting fixtures of projection 160mm for 3x100W (R) reflector lamp length of rail 600mm	each	630.28	460.07	816.96
IL0052	Wall bracket projection 225mm, height 240mm finish painted, glass frosted, 1x60W	each	341.65	414.59	496.27

**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	441.79	486.01	607.53
IL0066	Wall bracket down lighter projection 160mm, height 135mm width or base dia 320mm finish-painted, glass frosted, 1x60W	each	323.98	356.41	476.63
IL0067	Wall bracket down lighter, projection 185mm, height 100mm finish painted, 1x60W	each	353.43	388.81	509.35

**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	736.31	828.77	934.78
IL0081	Double wall bracket down lighter projection 160mm, height 135mm width or base dia 320mm finish-painted, glass frosted, 2x60W	each	647.95	717.35	836.61

Code	Description	Units	PL	GP	SJ
IL0082	Single swivel wall bracket down lighter, projection 375mm, height 250mm finish painted with switch, 1x60W	each	559.60	668.75	738.43
<b>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</b>					
IL0095	Double mirror light fixtures downward projection 100mm, height 90mm, length 610mm, finish-painted, glass milky/ frosted, 2x60W	each	530.14	597.68	705.71
IL0096	Double mirror light fixtures downward projection 100mm, height 90mm, length 460mm, finish-painted, glass milky/ frosted, 2x60W	each	424.12	466.57	587.90
IL0097	Single picture down lighter, projection 200mm, height 100mm, length 360mm, finish painted, 1x60W	each	323.98	356.41	476.63
<b>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</b>					
IL0110	Pendant down lighter height 215mm, 205mm dia, finish-painted, 1x60W	each	441.79	486.01	607.53
IL0111	Lantern type, height 460mm, 325mm dia, finish-painted, 1x60W	each	618.50	680.42	803.88
IL0112	Three lighting fixture, height 460mm, 430mm dia finish painted, 3x60W	each	1266.46	1393.24	1523.83
<b>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</b>					
IL0125	Recessed down lighter square width 170-195, cut out 140-165mm, depth 200mm, finish-painted, 1x100W	each	159.04	174.97	293.37
IL0126	Recessed down lighter projection 55mm, cut out 155mm, depth 175mm, 180mm dia, finish-painted, 1x100W	each	217.95	239.77	358.82
IL0127	Recessed down lighter projection 45mm, cut out 110mm, depth 75mm, 165mm dia, finish-painted, 1x60W	each	159.04	174.97	293.37
<b>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</b>					
IL0140	Semi recessed down lighter square width 170-200, cut out 135-160mm, depth 125-135mm, finish-painted, 1x100W	each	247.40	272.17	391.54
IL0141	Semi recessed down lighter projection 90-95mm, cut out 135-160mm, depth 125-135mm, 170-200mm dia, finish-painted, 1x100W	each	312.20	343.45	463.54
IL0142	Semi recessed down lighter side entry, cut out 185mm, depth 130mm, 205mm dia, finish-painted, 1x60W	each	206.17	226.81	345.73
<b>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</b>					
IL0155	Strip Rail 18/20 watt	each	297.50	304.75	332.48
IL0156	Decorative box type 18/20 watt	each	508.81	526.44	520.77
IL0157	Mounting channel 18/20 watt	each	547.63	564.47	563.52
IL0158	Strip Rail 36/40 watt	each	348.93	350.76	357.36
IL0159	Decorative box type 36/40 watt	each	587.73	602.57	604.76
IL0160	Mounting channel 36/40 watt	each	628.60	637.52	700.96
<b>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</b>					
IL0170	Mounting box 1x36/40 watt	each	692.99	778.92	783.44
IL0171	Mounting box 2x36/40 watt	each	1106.80	1114.21	1129.39
IL0172	Industrial box 1x36/40 watt	each	762.25	775.07	783.44
IL0173	Industrial box type with vitreous enamel reflector 1x36/40 watt	each	1374.31	1387.37	1401.94
IL0174	Industrial box type with vitreous enamel reflector 2x36/40 watt	each	1583.15	1604.99	1614.98
IL0175	Industrial box type with stove enamel reflector 2x36/40 watt	each	1717.89	1738.07	1752.42
<b>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</b>					

Code	Description	Units	PL	GP	SJ
IL0185	Mounting box type with polysterene structured louvere and reflector 2x36/40 watt	each	1886.31	1905.17	1910.37
IL0186	Mounting box type with metalled louvere and reflector 2x36/40 watt	each	1751.57	1769.09	1791.79
IL0187	Mounting box type with opal acrylic difuser and reflector 2x36/40 watt	each	1953.68	1973.22	1976.43
IL0188	Mounting box type with prismatic louvere and reflector 2x36/40 watt	each	2526.31	2551.58	2582.38
IL0189	Mounting box type with opal acrylic difuser 1x36/40 watt	each	2512.84	2537.96	2548.20
IL0190	Mounting box type with opal acrylic difuser and reflector 2x18/20 watt	each	1347.37	1360.84	1370.99
<b>Supplying of prewired indoor fluorescent lamp luminaires housing of CRCA sheet steel rail, end with lamp holders, copper wound ballast, starter, starter holder, terminal block etc. but without lamp, HPF suitable for recessed mounting</b>					
IL0200	Mounting box type with prismatic louvere and reflector 2x36/40 watt	each	2307.66	2323.11	2346.03
IL0201	Mounting box type with opal acrylic difuser 1x36/40 watt	each	2294.45	2314.05	2329.17
IL0202	Mounting box type with structured louvere and reflector 2x36/40 watt	each	2239.27	2261.97	2284.82
<b>Supplying of prewired indoor fluorescent lamp luminaires housing of CRCA sheet steel rail, end with lamp holders, copper wound ballast, starter, starter holder, terminal block etc. but without lamp, HPF suitable for surface/recessed mounting</b>					
IL0215	Mounting box type with prismatic louvere and reflector 4x18/20 watt	each	2967.51	2987.41	3017.13
IL0216	Mounting box type with opal acrylic difuser 4x18/20 watt	each	2967.51	2987.41	3017.13
IL0217	Mounting box type with structured louvere and reflector 4x18/20 watt	each	2967.51	2987.41	3017.13
<b>Supplying of prewired indoor fluorescent lamp luminaires housing of CRCA sheet steel rail, end with lamp holders, copper wound ballast, starter, starter holder, terminal block etc. but without lamp, HPF suitable for surface/recessed mounting</b>					
IL0230	Mounting box with mirror optics louvere and reflector 2x18/20 watt	each	1616.89	1627.67	1638.56
IL0231	Mounting box with mirror optics louvere 2x36/40 watt	each	2712.79	2715.35	2735.42
IL0232	Mounting box with side spread mirror optic with reflector 2x36/40 watt	each	2712.79	2715.35	2735.42
<b>Supplying of prewired call bell 250 volt A.C with base, terminal block and all accessories complete</b>					
IL0245	Gong bell assembly	each	64.16	79.69	69.29
IL0246	Buzzer bell assembly	each	61.44	73.72	96.09
IL0247	Musical bell assembly	each	139.24	160.85	150.90
<b>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</b>					
IL0260	0.5m light track	each	1111.95	1210.74	1218.46
IL0261	1m light track	each	1788.22	1873.54	1892.14
IL0262	2m light track	each	2112.89	2209.75	2228.99
<b>OUTDOOR LUMINIARIES (Supply)</b>					
<b>Supplying of prewired outdoor lighting luminaires suitable for GLS lamp 1x100/1x60 watts complete with all accessories such as base, holder, glass, reflector, louvered, etc etc. but without lamp</b>					
OL0001	Wall bracket louvered projection 275mm, height 270mm, finish-painted, 1x60/100W	each	559.60	615.62	738.43
OL0002	Post top garden light dia 325-380mm, height 340-400mm, finish-painted, 1x60/100W	each	1678.79	1846.85	1981.97
<b>Supplying of prewired outdoor bulk head fittings luminaires 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</b>					
OL0015	Projection 100mm, height 220mm, width 125mm, finish-painted, 1x60/100W	each	508.49	607.48	640.25
<b>Supplying of prewired street lighting fluorescent lamp luminaires housing of CRCA sheet steel rail, end (with lamp holders, copper wound ballast, starter, starter holder, terminal block etc. but without lamp, HPF suitable for street or outdoor lighting</b>					
OL0025	1x36/40 watt	each	1408.17	1413.32	1567.80
OL0026	2x36/40 watt	each	1862.73	2118.45	2134.21
OL0027	1x18/20 watt	each	1349.48	1384.76	1389.73

Code	Description	Units	PL	GP	SJ
<b>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</b>					
OL0040	1x80 watt HPL-N(BC)	each	3092.93	3184.36	3216.21
OL0041	1x125 watt HPL-N(BC)	each	3118.32	3259.21	3291.81
OL0042	1x250 watt HPL-N(ES)	each	4560.41	4728.92	4776.20
<b>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 &amp; 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</b>					
OL0055	1x70 watt (E) SON(BC)	each	2942.90	3030.02	3240.02
OL0056	1x70 watt(I) SON(BC)	each	3285.09	3379.35	3408.25
OL0057	1x100 watt SON(BC)	each	3806.36	3925.93	3941.17
OL0058	1x250 watt SON(ES)	each	4998.86	5229.14	5242.64
<b>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</b>					
OL0070	1x80 watt HPL-N(BC)	each	2637.49	2768.42	2812.04
OL0071	1x125 watt HPL-N(ES)	each	2773.42	3038.41	3082.69
OL0072	1x60 watt ML(ES)	each	2089.07	2099.20	2113.26
<b>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</b>					
OL0085	1x70(E) watt SON(BC)	each	3452.29	3726.88	3751.82
OL0086	1x70(I) watt SON(BC)	each	3314.30	3314.18	3340.26
OL0087	Underwater luminaire 60/75/100 watt (R)BC upto depth of 0.6m	each	3017.00	3231.86	3235.75
<b>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</b>					
OL0100	2x250/400 watt HPL-N(ES)	each	12357.86	12552.64	12388.75
OL0101	2x250/400 watt SON-T(ES)	each	7221.57	7351.48	7827.43
OL0102	1x500 watt(ES) GLS lamp	each	1864.79	1986.24	2254.94

Code	Description	Units	PL	GP	SJ
<b>Supplying of prewired flood lighting fixtures of metal halide/halogen 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</b>					
OL0115	2x250/400 watt HPI-T	each	6741.13	7047.25	7227.98
OL0116	2x500 watt halogen lamp	each	920.32	963.84	1012.28
OL0117	1 or 2x1000 watt halogen lamp	each	1835.20	1879.69	2052.05
<b>Supplying of prewired industrial well glass luminaries 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</b>					
OL0130	GLS 1x200/300 watt (ES)	each	1616.89	1627.67	1638.56
OL0131	1x80/125 watt HPL-N (BC)	each	2810.31	2840.72	2871.33
OL0132	1x70/100 watt SON(E/I) (BC)	each	3346.71	3371.09	3405.32
<b>Supplying of prewired flame proof industrial well glass luminaries 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</b>					
OL0145	GLS 1x60/200 watt (BC/ES)	each	3337.08	3384.56	3407.24
OL0146	1x80/125 watt HPL-N (BC)	each	5859.31	5902.88	5972.36
OL0147	1x60 watt ML-N/ES)	each	4265.51	4286.38	4330.62
<b>Supplying of prewired flame proof bulk head luminaries 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</b>					
OL0160	1x60/200 watt GLS (BC/ES)	each	3438.48	3497.12	3798.56
OL0161	HPL-N lamp 1x80/125 watt (BC)	each	6681.44	6698.47	7466.07
OL0162	1x60 watt ML-N	each	3454.00	3617.24	3806.26

Code	Description	Units	PL	GP	SJ
<b>LAMPS &amp; LAMP SHADE</b>					
<b>Lamps</b>					
<b>Supplying of GLS lamps 250 volts A.C</b>					
LS0001	GLS lamp 40 watt (BC)	each	13.92	15.43	16.28
LS0002	GLS lamp 60 watt (BC)	each	13.92	15.09	15.86
LS0003	GLS lamp 100 watt (BC)	each	15.21	16.22	17.23
LS0004	GLS lamp 150 watt (ES)	each	22.67	24.26	30.41
LS0005	GLS lamp 200 watt (ES)	each	25.47	29.28	31.88
LS0006	GLS lamp 100 watt (ES)	each	82.37	90.16	87.80
<b>Supplying of GLS/reflector lamps 250 volts A.C</b>					
LS0020	GLS lamp 500 watt (ES)	each	113.51	126.91	125.87
LS0021	Reflector lamp 60 watt 63(BC)	each	41.59	43.12	48.95
LS0022	Reflector lamp 75 watt 95(BC/ES)	each	93.95	97.52	103.36
<b>Supplying of reflector/ML blended/ self ballasted lamps 250 volts A.C</b>					
LS0035	Reflector lamp 100 watt (R) 95(BC/ES)	each	95.15	98.81	104.64
LS0036	Reflector lamp 150 watt 95(BC/ES)	each	99.55	103.09	108.49
LS0037	ML-N lamp 160 watt (BC/ES)	each	321.05	338.77	350.43
<b>Supplying of high pressure mercury vapour lamps 250 volts A.C</b>					
LS0050	HPL-N lamp 80 watt (BC/ES)	each	180.32	198.07	209.48
LS0051	HPL-N lamp 125 watt (BC/ES)	each	203.77	206.23	220.47
LS0052	HPL-N lamp 250 watt (ES)	each	515.54	532.29	577.99
<b>Supplying of high pressure mercury/sodium vapour lamps 250 volts A.C</b>					
LS0065	HPL-N lamp 400 watt (ES)	each	683.02	696.14	746.10
LS0066	SON-T lamp 70 watt (E) (BC)	each	637.15	656.39	661.06
LS0067	SON-T lamp 70 watt (I) (BC)	each	663.32	720.20	729.53
<b>Supplying of high pressure sodium vapour lamps 250 volts A.C</b>					
LS0080	SON-T lamp 150 watt (ES)	each	874.79	934.99	934.99
LS0081	SON-T lamp 250 watt (ES)	each	881.22	905.38	971.67
LS0082	SON-T lamp 400 watt (ES)	each	1185.63	1252.95	1257.10
<b>Supplying of high pressure metal halide/halogen lamps 250 volts A.C</b>					
LS0095	HPI-T lamp 250 watt (ES)	each	1345.46	1376.70	1408.58
LS0096	HPI-T lamp 400 watt (ES)	each	1360.81	1398.12	1461.09
LS0097	Halogen lamp 7785 R 500 watt	each	154.86	203.09	198.61
<b>Supplying of halogen/argenta superlux/special incandescent lamps 250 volts A.C</b>					
LS0110	Halogen 12013 R 1000 watt	each	185.77	257.87	254.02
LS0111	Argenta superlux 60 watt (BC)	each	17.96	19.92	24.72
LS0112	15 watt (BC) pigmy lamp	each	25.55	28.06	33.87
<b>Supplying of fluorescent lamps 250 volts A.C</b>					
LS0125	TL lamp 18/20 watt	each	51.43	55.38	56.79
LS0126	TL lamp 36/40 watt	each	58.66	63.09	65.56
LS0127	TLF lamp 36/40 watt	each	70.68	73.56	77.35
<b>Supplying of glass globe/glass lengum shade as required to make the existing fitting good</b>					
LS0140	Glass globe 150mm dia	each	122.49	128.32	139.99
LS0141	Glass globe 180mm dia	each	250.81	253.72	262.47
LS0142	Glass lengum shade 150mm dia	each	186.65	209.98	215.81
<b>Supplying of glass lengum shade/heat resistant proof plastic conical/coonican shade as required to make the existing fitting good</b>					
LS0155	Glass lengum shade 180mm dia	each	282.89	306.22	312.05
LS0156	Plastic heat resistant shade 150mm dia	each	186.65	192.48	204.15
LS0157	Plastic heat resistant coonican shade 150mm dia	each	218.73	224.56	236.23

Code	Description	Units	PL	GP	SJ
<b>FANS (Supply)</b>					
<b>Fan</b>					
<b>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</b>					
FN0001	900mm sweep	each	1500.07	1508.70	1564.52
FN0002	1200mm sweep	each	1660.21	1674.69	1678.80
FN0003	1400mm sweep	each	1849.89	1950.24	1956.91
<b>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</b>					
FN0015	300mm sweep	each	1319.48	1351.82	1382.36
FN0016	380mm sweep	each	1601.34	1651.94	1700.31
FN0017	450mm sweep	each	2020.52	2026.97	2051.62
<b>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</b>					
FN0030	300mm sweep	each	2113.47	2273.42	2622.99
FN0031	380mm sweep	each	2668.22	2761.05	2844.24
FN0032	450mm sweep	each	3535.40	3602.33	3741.51
<b>Supplying of Aluminium louvers for exhaust fan complete all accessories as required</b>					
FN0045	300mm sweep	each	572.63	629.89	689.10
FN0046	380mm sweep	each	707.37	788.24	848.84
FN0047	450mm sweep	each	808.42	909.52	970.10
<b>CONTROL GEAR &amp; BUSBAR (Supply)</b>					
<b>Busbar &amp; Busbar Chamber</b>					
<b>Supplying of pre-fabricated MS busbar chamber with copper busbar complete with all accessories etc. as required</b>					
GB0001	2 strips, 300mm bar, 100A	each	1455.02	1519.11	2064.93
GB0002	4 strips, 300mm bar, 100A	each	1616.69	1697.68	1715.47
GB0003	4 strips, 300mm bar, 200A	each	2425.04	2546.52	2573.20
GB0004	2 strips, 450mm bar, 100A	each	2559.76	2687.99	2716.15
GB0005	4 strips, 450mm bar, 100A	each	3112.13	3268.03	3710.60
GB0006	4 strips, 450mm bar, 200A	each	3660.46	3843.83	4502.35
GB0007	4 strips, 600mm bar, 100A	each	4012.09	4213.08	6539.26
GB0008	4 strips, 600mm bar, 200A	each	4661.46	4894.98	4946.26
GB0009	4 strips, 600mm bar, 300A	each	6150.16	6458.26	6525.92
<b>Supplying of Aluminium alloy/wrought aluminium busbar complete with all accessories etc. to accommodate in prefabricated MS cubical panel board as required</b>					
GB0025	4 strips, 600mm bar, 300A	each	1737.94	1825.01	1844.13
GB0026	4 strips, 600mm bar, 400A	each	2081.49	2185.76	2208.66
GB0027	4 strips, 600mm bar, 600A	each	2728.17	2864.84	2894.85
GB0028	4 strips, 900mm bar, 400A	each	3213.17	3374.14	3409.49
GB0029	4 strips, 900mm bar, 600A	each	4162.98	4371.53	4417.32
GB0030	4 strips, 900mm bar, 800A	each	5415.92	5687.23	5746.81
GB0031	4 strips, 1350mm bar, 400A	each	5052.16	5305.25	5360.83
GB0032	4 strips, 1350mm bar, 600A	each	6567.81	6896.83	6969.08
GB0033	4 strips, 1350mm bar, 800A	each	8588.67	9018.93	9113.41



Code	Description	Units	PL	GP	SJ
<b>Control Gear</b>					
<b>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</b>					
GB0050	20A	each	2800.94	2828.81	2867.15
GB0051	32A	each	3583.89	3629.58	3565.16
GB0052	63A	each	3909.94	4174.28	4182.89
GB0053	125A	each	5006.94	5394.97	5424.52
<b>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</b>					
GB0065	200A	each	7777.75	7786.71	7872.00
GB0066	250A	each	9109.19	9172.54	9195.41
GB0067	315A	each	10201.69	10753.11	10824.18
GB0068	400A	each	12077.04	13131.21	13150.31
GB0069	500A	each	17420.31	17764.42	17868.89
GB0070	630A	each	20171.06	20573.91	20604.29
GB0071	800A	each	23598.97	24012.09	24022.46
<b>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</b>					
GB0085	500A	each	42156.70	42616.38	42755.66
<b>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</b>					
GB0095	250A	each	11186.38	11318.75	11407.65
GB0096	400A	each	17118.31	17604.66	17763.76
GB0097	750A	each	24559.44	25475.34	25488.13
<b>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</b>					
GB0110	32A	each	2107.51	2147.01	2189.35
GB0111	63A	each	2641.21	2704.96	2752.87
GB0112	125A	each	6050.47	6104.33	6149.21
<b>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</b>					
GB0125	250A	each	10415.70	10560.53	10665.25
GB0126	400A	each	12616.44	12978.96	13096.04
<b>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</b>					
GB0140	125A	each	8323.27	8397.68	8460.09
<b>Moulded Case Circuit Breaker (MCCB)</b>					
<b>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</b>					
GB0150	63A	each	4675.08	5461.74	4677.86
GB0151	100A	each	4801.69	5682.90	4734.55
GB0152	125A	each	5584.19	5782.88	6093.78
<b>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</b>					
GB0165	63A	each	5860.31	6106.23	6454.21
GB0166	100A	each	5810.66	5869.49	6282.33
GB0167	125A	each	7305.39	7673.13	7678.48

Code	Description	Units	PL	GP	SJ
<b>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</b>					
GB0180	63A	each	5736.02	6029.60	6174.95
GB0181	100A	each	5558.69	5720.53	5686.34
GB0182	125A	each	6650.61	6710.68	7043.82
<b>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</b>					
GB0195	63A	each	7871.70	8138.64	8529.87
GB0196	100A	each	8519.44	8118.75	8882.63
GB0197	125A	each	9397.36	9868.48	9851.87
<b>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</b>					
GB0210	125A	each	8096.94	8595.82	9926.67
GB0211	160A	each	12633.04	13258.28	14599.81
GB0212	250A	each	15398.06	16705.94	17994.05
<b>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</b>					
GB0225	125A	each	10940.17	11534.45	12699.11
GB0226	160A	each	15429.88	16166.97	17270.76
GB0227	250A	each	19772.49	21197.30	22516.12
<b>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</b>					
GB0240	250A	each	24998.66	26865.38	27907.17
GB0241	400A	each	45156.09	48801.24	49962.02
GB0242	630A	each	70800.14	77305.87	77946.90
GB0243	800A	each	168539.88	183637.50	184220.77
<b>Earth Leakage Module</b>					
<b>Supply of panel mounting earth leakage module 4 pole, 415 volt A.C complete with all accessories as required</b>					
GB0255	125A	each	8772.12	9120.00	9554.74
GB0256	160A	each	10214.12	10619.18	11125.39
GB0257	250A	each	16812.65	17479.39	18312.62
GB0258	400A	each	30742.49	31961.66	33485.23
GB0259	630A	each	30742.49	31961.66	33485.23
<b>Miniature Circuit Breaker (MCB)</b>					
<b>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</b>					
GB0270	6A	each	239.53	241.04	291.02
GB0271	10A	each	240.36	241.14	291.02
GB0272	16A	each	240.36	241.14	291.02
GB0273	20A	each	287.52	311.38	308.78
GB0274	25A	each	288.02	311.38	308.78
GB0275	32A	each	289.17	311.28	325.28
GB0276	40A	each	458.55	527.57	624.57
GB0277	63A	each	519.92	553.55	648.50
<b>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</b>					
GB0290	6A	each	634.87	689.51	698.06
GB0291	10A	each	637.34	689.51	698.06
GB0292	16A	each	643.12	689.51	698.06
GB0293	20A	each	645.59	689.51	701.91
GB0294	25A	each	648.56	689.51	707.68

Code	Description	Units	PL	GP	SJ
GB0295	32A	each	687.67	689.51	717.31
GB0296	40A	each	991.19	1109.32	1109.82
GB0297	63A	each	1029.54	1132.56	1133.30
<b>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</b>					
GB0310	6A	each	700.97	712.95	765.48
GB0311	10A	each	700.97	712.95	752.96
GB0312	16A	each	700.97	720.16	757.63
GB0313	20A	each	700.97	720.16	760.74
GB0314	25A	each	700.97	720.16	765.41
GB0315	32A	each	700.97	724.98	781.62
GB0316	40A	each	1010.56	999.29	1074.82
GB0317	50A	each	1134.08	1179.03	1253.92
GB0318	63A	each	1148.93	1181.61	1253.92
<b>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</b>					
GB0330	6A	each	1063.23	1083.62	1153.48
GB0331	10A	each	1063.23	1083.62	1153.48
GB0332	16A	each	1064.19	1083.62	1153.48
GB0333	20A	each	1064.19	1099.17	1153.48
GB0334	25A	each	1072.24	1110.99	1211.61
GB0335	32A	each	1068.84	1128.55	1211.61
GB0336	40A	each	1520.19	1573.73	1744.09
GB0337	50A	each	1598.86	1538.27	1790.94
GB0338	63A	each	1606.56	1698.13	1790.94
<b>Supply of miniature circuit breaker (MCB) triple pole &amp; neutral, 415 volt A.C complete with all accessories suitable to to fix on a din-bar etc. as required</b>					
GB0350	20A	each	1330.42	1553.34	1604.52
GB0351	25A	each	1330.42	1553.34	1604.52
GB0352	32A	each	1330.42	1553.34	1604.52
GB0353	40A	each	1979.21	2268.74	2393.05
GB0354	50A	each	2200.74	2280.75	2604.49
GB0355	63A	each	2211.85	2038.65	2402.37
<b>Supply of miniature circuit breaker (MCB) 4 pole &amp; neutral, 415 volt A.C complete with all accessories suitable to to fix on a din-bar etc. as required</b>					
GB0365	20A	each	1471.76	1615.72	1461.00
GB0366	25A	each	1471.76	1615.72	1463.59
GB0367	32A	each	1471.76	1702.67	1466.18
GB0368	40A	each	1999.28	2211.99	1874.22
GB0369	50A	each	2122.61	2254.77	1988.65
GB0370	63A	each	2136.77	2297.46	1996.42
<b>Isolator</b>					
<b>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</b>					
GB0380	40A	each	439.24	468.19	483.68
GB0381	63A	each	528.54	563.50	724.26
<b>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</b>					
GB0395	40A	each	754.86	823.80	643.59
GB0396	63A	each	888.18	953.13	969.15
<b>Timer Switch</b>					
<b>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</b>					
GB0410	24hrs/24hrs	each	4329.31	3290.00	3290.00

Code	Description	Units	PL	GP	SJ
GB0411	7days/24hrs	each	4455.32	3343.53	3343.53
<b>Residual Current Circuit Breaker (RCCB)</b>					
<b>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</b>					
GB0425	16A	each	2658.57	2741.51	2907.67
GB0426	25A	each	2517.35	2719.32	2638.57
GB0427	32A	each	2686.99	3028.36	2642.41
GB0428	40A	each	2835.05	3123.54	2880.26
GB0429	63A	each	3493.02	3782.82	3476.50
<b>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</b>					
GB0440	16A	each	2802.01	3049.19	3060.84
GB0441	25A	each	2632.06	2795.09	2806.74
GB0442	32A	each	2647.56	2853.53	2743.17
GB0443	40A	each	2869.33	3033.36	2984.18
GB0444	63A	each	3513.69	3556.58	3580.23
<b>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</b>					
GB0455	16A	each	2809.00	3204.42	3190.36
GB0456	25A	each	2635.93	2838.57	2830.13
GB0457	32A	each	2708.99	3074.30	2745.35
GB0458	40A	each	3081.51	3309.77	2976.79
GB0459	63A	each	3589.59	3692.56	3411.41
<b>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</b>					
GB0470	16A	each	3144.20	3673.79	3741.34
GB0471	25A	each	3125.38	3313.13	3330.79
GB0472	32A	each	3026.29	3283.10	3241.86
GB0473	40A	each	3186.15	3421.60	3398.17
GB0474	63A	each	3733.05	3964.26	3972.05
<b>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</b>					
GB0485	16A	each	3874.89	4302.84	3981.09
GB0486	25A	each	3277.61	3442.92	3342.05
GB0487	32A	each	3278.05	3499.43	3265.89
GB0488	40A	each	2837.54	3511.67	3381.60
GB0489	63A	each	3815.91	4063.09	3938.40
<b>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</b>					
GB0500	16A	each	4017.25	4387.09	4430.96
GB0501	25A	each	3380.04	3456.19	3473.13
GB0502	32A	each	3242.83	3508.07	3325.96
GB0503	40A	each	3358.55	3520.53	3419.33
GB0504	63A	each	3941.83	4081.17	3965.51
<b>Distribution Board (DB)</b>					
<b>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</b>					
GB0515	4 way	each	717.98	740.95	854.35
GB0516	6 way	each	807.36	746.71	959.39
GB0517	8way	each	895.93	851.08	1032.85
GB0518	12 way	each	1078.87	932.43	1268.09
GB0519	16 way	each	1310.42	1401.20	1466.42

Code	Description	Units	PL	GP	SJ
<b>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</b>					
GB0521	4 way	each	973.57	1001.25	1037.61
GB0522	6 way	each	1290.51	1311.77	1378.72
GB0523	8way	each	1362.24	1378.91	1367.43
GB0524	12 way	each	1480.64	1666.07	1720.15
GB0525	16 way	each	1898.79	2111.75	2129.20
<b>Supply of SPN distribution board (DIN type) with arcylic door, 230 volt A.C complete with all accessories without MCB/isolator/RCCB out going or incoming etc. as required</b>					
GB0527	4 way	each	1180.94	1239.50	1321.73
GB0528	6 way	each	1278.02	1492.43	1552.81
GB0529	8way	each	1355.57	1547.88	1674.30
GB0530	12 way	each	1700.32	1916.13	2065.62
GB0531	16 way	each	2070.97	2423.42	2582.14
<b>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</b>					
GB0533	4 way	each	2004.35	2060.39	2501.06
GB0534	6 way	each	2422.44	2633.68	2789.47
GB0535	8way	each	2898.75	3017.18	3555.88
GB0536	12 way	each	4142.47	4402.48	5372.53
GB0537	16 way	each	4804.53	5358.99	7093.09
<b>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</b>					
GB0539	4 way	each	3594.91	3669.27	3666.25
GB0540	6 way	each	3574.73	3937.09	4214.54
GB0541	8way	each	4892.39	4906.92	5248.28
GB0542	12 way	each	6074.02	6912.38	7740.12
GB0543	16 way	each	6682.17	6762.78	7495.31
<b>Supply of TPN distribution board (DIN type, horizontal) with arcylic door,415 volt A.C complete with all accessories without MCB/isolator/RCCB out going or incoming etc. as required</b>					
GB0545	4 way	each	3206.33	3317.50	3412.61
GB0546	6 way	each	3786.32	3931.42	4193.00
GB0547	8way	each	4496.41	4646.09	5017.83
GB0548	12 way	each	6617.32	7103.33	7459.94
GB0549	16 way	each	7350.45	8486.62	8995.81
<b>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</b>					
GB0551	4 way	each	5510.45	5634.29	5638.95
GB0552	6 way	each	5958.63	6080.51	6407.64
GB0553	8way	each	6509.22	6672.28	6679.17
GB0554	12 way	each	8623.20	9282.33	9788.77
<b>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</b>					
GB0556	4 way	each	6015.23	6050.32	6521.06
GB0557	6 way	each	6681.77	7189.25	7994.19
GB0558	8way	each	7080.67	7160.83	8071.95
GB0559	12 way	each	9153.41	9394.52	10509.52
<b>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</b>					
GB0561	4 way	each	7142.17	7909.56	8310.44
GB0562	6 way	each	7726.51	8319.27	8781.51
GB0563	8way	each	9185.47	10002.68	10621.37
GB0564	12 way	each	12101.77	13316.39	14072.89

**Metal Clad Plug & Socket**

Code	Description	Units	PL	GP	SJ
<b>Supply of double pole metal clad commercial/industrial type plug &amp; socket outlet with earth terminal and incoming control gear MCB etc as required , 230 volt A.C</b>					
GB0575	10A	each	1458.67	1569.03	1667.64
GB0576	20A	each	1672.20	1807.71	2042.88
<b>Supply of 4 pole metal clad commercial/industrial type plug &amp; socket outlet with earth terminal and incoming control gear MCB etc as required , 415 volt A.C</b>					
GB0590	20A	each	2576.56	2751.82	2713.75
GB0591	32A	each	2782.14	3129.95	3010.12
GB0592	63A	each	5199.07	5632.95	5448.58

## ERECTION/INSTALLATION

### Luminiaries Installation

**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	31.14	31.49	31.71
EI0002	1.5 sq.mm single core cable 1.1 KV grade	each	34.55	35.06	35.49

**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	51.05	51.40	51.61
EI0016	1.5 sq.mm single core cable 1.1 KV grade	each	54.46	54.96	55.40

**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
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**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	81.36	81.71	81.92
EI0041	1.5 sq.mm single core cable 1.1 KV grade	each	84.77	85.28	85.71

**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	235.75	241.22	243.32
EI0056	1.5 sq.mm single core cable 1.1 KV grade	each	241.90	247.64	250.14

**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	22.72	23.10	23.37
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**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	149.38	149.73	149.95
EI0081	1.5 sq.mm single core cable 1.1 KV grade	each	151.71	152.21	152.65

### Fans Installation

**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**

Code	Description	Units	PL	GP	SJ
EI0095	1 sq.mm single core cable 1.1 KV grade	each	235.49	236.05	236.40
EI0096	1.5 sq.mm single core cable 1.1 KV grade	each	240.96	241.76	242.46
<b>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</b>					
EI0110	15mm dia, 100 mm long	each	25.14	28.12	28.87
<b>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</b>					
EI0120	1 sq.mm single core cable 1.1 KV grade	each	310.05	310.61	310.96
EI0121	1.5 sq.mm single core cable 1.1 KV grade	each	315.52	316.32	317.02
<b>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</b>					
EI0135	1 sq.mm single core cable 1.1 KV grade	each	461.70	462.26	462.60
EI0136	1.5 sq.mm single core cable 1.1 KV grade	each	467.16	467.97	468.66
<b>Installation of aluminium louvers/shutters complete with a frame of all sizes in the existing opening including making good as required</b>					
EI0150	Exhaust fan upto 510mm sweep	each	102.24	102.24	102.24
<b>Numbering of ceiling or exhaust fan as required</b>					
EI0160	Upto 510mm sweep	each	201.90	212.81	231.88
<b>Busbars Installation</b>					
<b>Installation, testing and commissioning of prefabricated bus bar chamber with copper bus bar complete with all accessories including connections etc. as required</b>					
EI0170	2 strips, 300/450mm length, 100A	each	1628.72	1673.35	1511.51
EI0171	4 strips, 300/450mm length, 100A	each	2441.59	2494.27	2243.93
EI0172	4 strips, 600mm length, 100A	each	4435.45	4572.63	4393.49
EI0173	4 strips, 300/450mm length, 200A	each	5141.13	5261.47	5377.26
EI0174	4 strips, 600mm length, 200A	each	5388.08	5512.48	5631.51
<b>Installation, testing &amp; commissioning of aluminium alloy/wrought aluminium bus bar complete with all accessories accessories to accommodate in prefabricated MS cubical control panel board including connections etc. as required</b>					
EI0185	4 strips, 600mm length, 300A	each	4070.12	4255.87	4356.41
EI0186	4 strips, 600mm length, 400A	each	5721.30	5935.86	6054.66
EI0187	4 strips, 600mm length, 600A	each	6998.05	7246.95	7420.16
EI0188	4 strips, 900mm length, 400A	each	6290.83	6512.86	6636.89
EI0189	4 strips, 900mm length, 600A	each	7753.73	8010.88	8193.15
EI0190	4 strips, 900mm length, 800A	each	9334.46	9833.45	10042.99
EI0191	4 strips, 1350mm length, 400A	each	6703.89	6929.33	7055.34
EI0192	4 strips, 1350mm length, 600A	each	8375.56	8636.89	8824.98
EI0193	4 strips, 1350mm length, 800A	each	9934.18	10439.49	10652.49
<b>Switch Fuse Units</b>					
<b>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</b>					
EI0205	20A, 415V	each	73.52	75.07	76.11
EI0206	32A, 415V	each	86.65	79.59	80.63
EI0207	63A, 415V	each	85.86	86.38	87.42
<b>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</b>					
EI0220	125A, 415V	each	95.57	98.09	101.60

Code	Description	Units	PL	GP	SJ
<b>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</b>					
EI0230	32A, 415V	each	82.13	75.07	76.11
<b>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</b>					
EI0240	125/100A, 415V	each	73.83	71.53	71.63
<b>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</b>					
EI0250	800A, 415V	each	1343.41	1648.96	1744.68
<b>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</b>					
EI0260	63A, 415V	each	89.04	102.71	106.96
<b>Fuse Switch Units</b>					
<b>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</b>					
EI0270	200A, 415V	each	128.57	129.36	131.87
EI0271	315A, 415V	each	379.38	420.70	445.29
EI0272	500A, 415V	each	783.60	867.19	918.50
EI0273	630A, 415V	each	1089.46	1176.85	1243.82
<b>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</b>					
EI0285	250A, 415V	each	256.96	311.04	328.72
EI0286	400A, 415V	each	523.46	593.73	629.30
<b>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</b>					
EI0300	750A, 415V	each	1317.63	1648.96	1744.68
EI0301	800A, 415V	each	1343.41	1648.96	1744.68
<b>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</b>					
EI0315	400A, 415V	each	464.65	534.91	570.49
<b>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</b>					
EI0325	250A, 415V	each	192.38	244.87	259.29
<b>Miniature Circuit Breaker (MCB)</b>					
<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</b>					



Code	Description	Units	PL	GP	SJ
EI0335	20A, 415V	each	73.52	75.07	76.11
EI0336	25A, 415V	each	82.13	75.07	76.11
EI0337	32A, 415V	each	86.65	79.59	80.63
EI0338	40A, 415V	each	87.23	79.59	80.63
EI0339	50A, 415V	each	84.83	86.38	87.42
EI0340	63A, 415V	each	85.86	86.38	87.42
<b>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</b>					
EI0350	6A, 415V	each	69.68	70.54	71.59
EI0351	10A, 415V	each	72.01	70.54	71.59
EI0352	16A, 415V	each	75.12	70.54	71.59
EI0353	20A, 415V	each	68.99	70.54	71.59
EI0354	25A, 415V	each	82.13	75.07	76.11
EI0355	32A, 415V	each	82.13	75.07	76.11
<b>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</b>					
EI0365	40A, 415V	each	78.19	70.54	71.59
EI0366	50A, 415V	each	68.99	70.54	71.59
EI0367	63A, 415V	each	79.07	79.59	80.63
<b>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</b>					
EI0380	6/10/16/20A	each	71.45	70.54	71.59
<b>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</b>					
EI0390	25/32/40A	each	82.23	74.99	76.03
<b>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</b>					
EI0400	50/63A	each	78.56	79.59	80.63
<b>Moulded Case Circuit Breaker (MCCB)</b>					
<b>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</b>					
EI0410	50A, 415V	each	64.86	68.18	70.12
EI0411	63A, 415V	each	64.86	68.18	70.12
<b>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</b>					
EI0425	100A, 415V	each	75.82	79.23	79.69
EI0426	125A, 415V	each	81.88	79.58	79.69
<b>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</b>					
EI0440	160A, 415V	each	87.46	92.53	93.51
<b>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</b>					

Code	Description	Units	PL	GP	SJ
<b>prefabricated MS surface /MS cubical control panel board including drilling holes, connections etc as required</b>					
EI0450	250A, 415V	each	218.25	270.75	285.17
<b>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</b>					
EI0460	400A, 415V	each	487.27	557.53	593.11
EI0461	630A, 415V	each	1089.46	1176.85	1243.82
<b>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</b>					
EI0475	800A, 415V	each	1343.41	1648.96	1744.68
<b>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</b>					
EI0485	160A, 415V	each	76.65	81.72	82.70
<b>Distribution Board</b>					
<b>Installation, testing and commissioning of SPN DB (DIN type, horizontal/vertical) with no door, metal door or acrylic 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</b>					
EI0495	4 way	each	128.11	123.48	125.04
<b>Installation, testing and commissioning of SPN DB (DIN type, horizontal/vertical) with no door, metal door or acrylic 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 -</b>					
EI0505	8 way	each	172.93	165.81	168.41
<b>Installation, testing and commissioning of SPN DB (DIN type, horizontal/vertical) with no door, metal door or acrylic 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</b>					
EI0515	12 way	each	219.16	214.24	217.89
<b>Installation, testing and commissioning of TPN DB (DIN type, horizontal/vertical) with no door, metal door or acrylic 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</b>					
EI0525	4 way	each	233.34	221.10	225.27
<b>Installation, testing and commissioning of TPN DB (DIN type, horizontal/vertical) with no door, metal door or acrylic 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</b>					
EI0535	6 way	each	262.68	255.44	261.17
<b>Installation, testing and commissioning of TPN DB (DIN type, horizontal/vertical) with no door, metal door or acrylic door (double/single door) complete with all accessories to accommodate incoming RCCB/ELCB/RCBO FP 100A 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</b>					
EI0545	8 way	each	344.54	330.04	337.33

Code	Description	Units	PL	GP	SJ
<b>Installation, testing and commissioning of TPN DB (DIN type, horizontal/vertical) with no door, metal door or acrylic 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</b>					
EI0555	12 way	each	503.65	488.76	500.41
<b>Timer Switch</b>					
<b>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</b>					
EI0565	Adjustment range either 24/24hrs or 7days/24hrs	each	92.20	86.38	87.42
<b>Plug &amp; Socket</b>					
<b>Installation, testing and commissioning of metal clad commercial/industrial type plug&amp; socket complete with all accessories to accommodate on/in surface or recessed including drilling holes, connections etc as required</b>					
EI0575	DP, 10/20A with earth terminal and incoming control gear DP MCB 10/20A	each	142.89	142.93	143.97
EI0576	4 pole 20A with earth terminal and incoming control gear 4 pole MCB 20A	each	254.48	256.03	257.07
EI0577	4 pole 32A with earth terminal and incoming control gear 4 pole MCB 32A	each	263.09	256.03	257.07
EI0578	4 pole 63A with earth terminal and incoming control gear 4 pole MCB 63A	each	368.61	369.13	370.18
<b>Metal Panel Board</b>					
<b>Providing &amp; 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</b>					
EI0590	Wall/floor mounted fixed type metal board of welded construction	sq.m	2114.47	2075.97	2521.83
<b>Providing &amp; 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</b>					
EI0600	Floor mounted cubical control panel board of welded construction	cu.m	12355.26	12262.93	13976.72
<b>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</b>					
EI0610	200x150x2mm	each	73.99	73.99	73.99
<b>EARTHING</b>					
<b>Earthing &amp; Loop Earthing</b>					
<b>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</b>					
ET0001	With G.I earth plate 600x600x6mm	each	4620.66	4810.09	5734.99
ET0002	With copper earth plate 600x600x3mm	each	9178.24	10185.91	9487.86
<b>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</b>					
ET0015	With 4.06mm dia (8SWG) G.I wire	m	148.95	179.05	187.13
ET0016	With 4.06mm dia (8SWG) copper wire	m	183.19	231.43	238.38
<b>Providing and fixing of wire on surface or in recessed for loop earthing as required</b>					
ET0030	With 4.06mm dia (8SWG) G.I wire	m	28.36	30.03	31.56

Code	Description	Units	PL	GP	SJ
ET0031	With 4.06mm dia (8SWG) copper wire	m	62.60	82.41	82.80
<b>Providing and laying of wire at 0.5m below ground level for conductor earth electrodes including soldering etc as required</b>					
ET0045	With 4.06mm dia (8SWG) G.I wire	m	19.27	20.94	22.47
ET0046	With 4.06mm dia (8SWG) copper wire	m	148.10	167.91	168.30
<b>Providing and laying of wire at 0.5m below ground level for conductor earth electrodes including soldering etc as required</b>					
ET0060	With 4.88mm dia (6SWG) G.I wire	m	19.76	22.80	21.73
ET0061	With 4.88mm dia (6SWG) copper wire	m	62.50	71.15	70.20
<b>Providing and laying of metal strip at 0.5m below ground level for as strip earth electrodes including soldering etc as required</b>					
ET0075	25x4mm G.I strip	m	69.61	80.07	101.67
ET0076	25x4mm copper strip	m	537.35	681.78	701.58
ET0077	25x6mm G.I strip	m	66.92	70.24	71.24
<b>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</b>					
ET0090	25x4mm G.I strip	m	377.80	473.85	500.45
ET0091	25x4mm copper strip	m	845.54	1075.56	1100.36
<b>Providing and laying of metal strip on surface or in recessed for earth connections/loop earthing as required</b>					
ET0105	25x4mm G.I strip	m	90.54	101.00	122.60
ET0106	25x4mm copper strip	m	558.28	702.71	722.52
<b>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</b>					
ET0120	2.032mm (14SWG) G.I wire	m	15.48	18.17	16.62
ET0121	2.032mm (14SWG) copper wire	m	27.42	30.63	31.35

## 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	2395.91	2585.42	2794.59
LG0002	25mm dia 900mm long copper tube four prong at top with 85mm dia 3mm thick copper base plate	each	2802.80	3036.34	3309.18
LG0003	25mm dia 300mm long G.I tube single prong at top with 85mm dia 6mm thick copper base plate	each	2395.91	2585.42	2794.59

#### 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	73.57	84.04	105.64
LG0031	25x4mm copper strip	each	541.32	685.74	705.55

#### 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	90.54	101.00	122.60
LG0046	25x4mm copper strip	each	558.28	702.71	722.52

Code	Description	Units	PL	GP	SJ
<b>POWER CABLE (Supply)</b>					
<b>Aluminium Un-armoured</b>					
<b>Supplying of Single Core 1.1KV grade PVC insulated and sheathed Aluminium conductor un-armoured power cables</b>					
PC0001	150 sq.mm	m	286.66	292.36	298.55
PC0002	185 sq.mm	m	358.95	362.84	376.29
PC0003	240 sq.mm	m	458.07	464.81	490.00
PC0004	300 sq.mm	m	562.67	569.45	586.53
PC0005	400 sq.mm	m	738.67	829.71	846.55
PC0006	500 sq.mm	m	930.60	967.71	986.48
<b>Supplying of 2-Core 1.1KV grade PVC insulated &amp; sheathed Aluminium conductor un-armoured power cables</b>					
PC0020	2.5 sq.mm	m	40.11	40.57	40.98
PC0021	4 sq.mm	m	63.67	68.02	68.34
PC0022	6 sq.mm	m	75.48	77.10	77.78
PC0023	10 sq.mm	m	97.82	104.08	109.23
PC0024	16 sq.mm	m	122.55	125.53	127.69
<b>Supplying of 3-Core 1.1KV grade PVC insulated &amp; sheathed Aluminium conductor un-armoured power cables</b>					
PC0035	2.5 sq.mm	m	46.38	46.51	46.89
PC0036	4 sq.mm	m	77.81	77.90	81.57
PC0037	6 sq.mm	m	97.34	103.52	105.56
PC0038	10 sq.mm	m	153.72	153.46	154.59
PC0039	16 sq.mm	m	175.73	226.92	231.62
PC0040	25 sq.mm	m	196.79	199.45	201.84
<b>Supplying of 3.5-Core 1.1KV grade PVC insulated &amp; sheathed Aluminium conductor un-armoured power cables</b>					
PC0050	25 sq.mm	m	239.42	252.06	240.51
PC0051	35 sq.mm	m	284.52	299.59	287.25
PC0052	50 sq.mm	m	382.97	391.30	398.83
PC0053	70 sq.mm	m	522.05	537.86	543.89
PC0054	95 sq.mm	m	656.20	661.97	697.33
PC0055	120 sq.mm	m	853.30	857.34	867.53
PC0056	150 sq.mm	m	977.99	991.36	1047.48
PC0057	225 sq.mm	m	1502.66	1562.78	1575.24
PC0058	240 sq.mm	m	1629.68	1820.32	1881.15
PC0059	300 sq.mm	m	2008.23	2252.88	2358.47
PC0060	400 sq.mm	m	2563.60	2853.21	2964.01
PC0061	500 sq.mm	m	3306.59	3717.63	3908.88
PC0062	630 sq.mm	m	4395.28	4435.24	4567.71
<b>Supplying of 4-Core 1.1KV grade PVC insulated &amp; sheathed Aluminium conductor un-armoured power cables</b>					
PC0075	2.5 sq.mm	m	54.69	55.50	61.31
PC0076	4 sq.mm	m	101.57	104.36	116.65
PC0077	6 sq.mm	m	120.96	125.87	136.07
PC0078	10 sq.mm	m	154.09	156.54	171.45
PC0079	16 sq.mm	m	220.17	228.81	237.24
PC0080	25 sq.mm	m	259.36	278.55	292.62
PC0081	35 sq.mm	m	329.87	359.70	386.47
PC0082	50 sq.mm	m	436.23	473.69	505.69
PC0083	70 sq.mm	m	603.43	652.13	688.24
PC0084	95 sq.mm	m	783.66	859.89	890.07
PC0085	120 sq.mm	m	975.82	1056.78	1105.38
PC0086	150 sq.mm	m	1185.67	1352.96	1368.33
PC0087	225 sq.mm	m	1481.82	1498.03	1699.86
PC0088	240 sq.mm	m	1945.21	2095.12	2139.62

Code	Description	Units	PL	GP	SJ
PC0089	300 sq.mm	m	2422.01	2425.28	2451.18
PC0090	400 sq.mm	m	3053.69	3055.23	3061.29
PC0091	500 sq.mm	m	3889.71	3902.39	3924.42
PC0092	600 sq.mm	m	4898.14	4900.87	5079.11

### Aluminium Armoured

#### Supplying of Single Core 1.1KV grade PVC insulated and sheathed Aluminium conductor armoured power cables

PC0105	150 sq.mm	m	373.59	380.52	386.89
PC0106	185 sq.mm	m	452.43	454.56	469.76
PC0107	240 sq.mm	m	564.59	568.97	569.30
PC0108	300 sq.mm	m	680.17	685.88	694.55
PC0109	400 sq.mm	m	856.24	861.36	863.25
PC0110	500 sq.mm	m	1066.40	1077.77	1083.53

#### Supplying of 2- Core 1.1KV grade PVC insulated and sheathed Aluminium conductor armoured power cables

PC0120	2.5 sq.mm	m	88.77	89.17	90.12
PC0121	4 sq.mm	m	124.54	124.71	126.27
PC0122	6 sq.mm	m	151.75	166.01	166.66
PC0123	10 sq.mm	m	167.10	192.79	204.99
PC0124	16 sq.mm	m	195.54	196.62	197.38

#### Supplying of 3- Core 1.1KV grade PVC insulated and sheathed Aluminium conductor armoured power cables

PC0135	2.5 sq.mm	m	96.61	97.60	98.39
PC0136	4 sq.mm	m	133.31	148.24	152.23
PC0137	6 sq.mm	m	172.28	192.68	204.77
PC0138	10 sq.mm	m	188.53	204.14	208.25
PC0139	16 sq.mm	m	211.54	217.08	229.06
PC0140	25 sq.mm	m	260.61	260.74	269.33

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

PC0150	25 sq.mm	m	312.63	340.90	346.12
PC0151	35 sq.mm	m	360.18	369.07	373.63
PC0152	50 sq.mm	m	488.69	496.00	500.17
PC0153	70 sq.mm	m	626.98	648.47	659.78
PC0154	95 sq.mm	m	770.90	775.73	806.46
PC0155	120 sq.mm	m	923.18	926.71	938.01
PC0156	150 sq.mm	m	1121.87	1136.60	1148.41
PC0157	225 sq.mm	m	1585.94	1599.72	1732.24
PC0158	240 sq.mm	m	1782.99	1976.93	1996.30
PC0159	300 sq.mm	m	2146.09	2168.13	2223.81
PC0160	400 sq.mm	m	2716.94	2736.23	2970.54
PC0161	500 sq.mm	m	3462.28	3462.51	3464.71
PC0162	630 sq.mm	m	4413.85	4416.14	4422.70

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

PC0175	2.5 sq.mm	m	110.72	111.63	112.54
PC0176	4 sq.mm	m	161.63	172.20	173.87
PC0177	6 sq.mm	m	193.93	194.25	196.51
PC0178	10 sq.mm	m	234.09	237.07	239.48
PC0179	16 sq.mm	m	259.38	265.93	270.14
PC0180	25 sq.mm	m	322.77	331.09	318.64
PC0181	35 sq.mm	m	322.77	331.09	318.64
PC0182	50 sq.mm	m	527.32	533.41	534.72
PC0183	70 sq.mm	m	689.47	690.99	696.91
PC0184	95 sq.mm	m	872.16	873.93	879.05
PC0185	120 sq.mm	m	1074.06	988.17	1137.17
PC0186	150 sq.mm	m	1272.39	1299.89	1350.01
PC0187	225 sq.mm	m	1696.92	1763.75	1768.92
PC0188	240 sq.mm	m	1996.83	2007.47	2126.18

Code	Description	Units	PL	GP	SJ
PC0189	300 sq.mm	m	2466.62	2491.42	2503.18
PC0190	400 sq.mm	m	3150.66	3203.76	3214.47
PC0191	500 sq.mm	m	4009.57	4038.17	4067.19
PC0192	600 sq.mm	m	5173.02	5189.79	5194.96

**Supplying of 2- Core 1.1KV grade PVC insulated and sheathed Copper conductor armoured power cables**

PC0205	2.5 sq.mm	m	88.77	89.17	90.12
PC0206	4 sq.mm	m	124.54	124.71	126.27
PC0207	6 sq.mm	m	151.75	166.01	166.66
PC0208	10 sq.mm	m	167.10	192.79	204.99
PC0209	16 sq.mm	m	195.54	196.62	197.38

**Supplying of 3- Core 1.1KV grade PVC insulated and sheathed Copper conductor armoured power cables**

PC0220	2.5 sq.mm	m	96.61	97.60	98.39
PC0221	4 sq.mm	m	133.31	148.24	152.23
PC0222	6 sq.mm	m	172.28	192.68	204.77
PC0223	10 sq.mm	m	188.53	204.14	208.25
PC0224	16 sq.mm	m	211.54	217.08	229.06
PC0225	25 sq.mm	m	260.61	260.74	269.33

**Compression Gland**

**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	18.47	19.25	21.00
PC0236	22mm dia, 6sq.mm	each	23.84	24.86	27.13
PC0237	25mm dia, 10sq.mm	each	28.95	29.67	32.38
PC0238	27mm dia, 16sq.mm	each	30.52	32.08	35.00
PC0239	29mm dia, 25sq.mm	each	33.00	33.68	36.75

**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	39.81	40.10	43.75
PC0251	35mm dia, 50sq.mm	each	47.15	48.12	52.49
PC0252	38mm dia, 70sq.mm	each	51.23	54.54	59.49
PC0253	40mm dia, 95sq.mm	each	56.36	61.75	67.38
PC0254	45mm dia, 120sq.mm	each	76.65	81.80	89.24
PC0255	50mm dia, 150sq.mm	each	92.16	101.05	110.24
PC0256	55mm dia, 185sq.mm	each	105.48	112.28	122.49
PC0257	60mm dia, 225sq.mm	each	124.43	134.74	146.99
PC0258	63mm dia, 240sq.mm	each	132.99	145.96	159.23
PC0259	70mm dia, 300sq.mm	each	171.48	187.67	204.73
PC0260	78mm dia, 400sq.mm	each	215.03	235.79	257.22
PC0261	82mm dia, 500sq.mm	each	266.75	291.93	318.47
PC0262	85mm dia, 630sq.mm	each	348.02	381.75	416.46

**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	82.02	82.61	83.15
PC0276	22mm dia, 6sq.mm	each	94.27	96.46	115.56
PC0277	25mm dia, 10sq.mm	each	104.59	109.47	136.53
PC0278	27mm dia, 16sq.mm	each	123.65	128.61	153.11
PC0279	29mm dia, 25sq.mm	each	149.39	151.58	181.18

**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	160.33	166.89	209.61
PC0291	35mm dia, 50sq.mm	each	185.63	192.92	245.70
PC0292	38mm dia, 70sq.mm	each	217.05	225.07	275.09
PC0293	40mm dia, 95sq.mm	each	248.48	257.22	309.14
PC0294	45mm dia, 120sq.mm	each	360.25	353.68	401.37
PC0295	50mm dia, 150sq.mm	each	440.88	460.86	492.50
PC0296	55mm dia, 185sq.mm	each	556.88	578.75	585.46

Code	Description	Units	PL	GP	SJ
PC0297	60mm dia, 225sq.mm	each	699.64	728.80	704.30
PC0298	63mm dia, 240sq.mm	each	915.38	956.94	890.59
PC0299	70mm dia, 300sq.mm	each	1351.74	1377.99	1208.84
PC0300	78mm dia, 400sq.mm	each	1611.30	1684.21	2077.92
PC0301	82mm dia, 500sq.mm	each	2212.07	2296.65	2349.14
PC0302	85mm dia, 630sq.mm	each	2633.49	2755.97	2790.97

### 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	262.30	273.35	275.30
CL0002	Above 6sq.mm to 25sq.mm	m	266.83	277.87	279.83
CL0003	Above 25sq.mm to 70sq.mm	m	269.54	280.59	282.54
CL0004	Above 70sq.mm to 150sq.mm	m	272.25	283.30	285.26
CL0005	Above 150sq.mm to 300sq.mm	m	275.87	286.92	288.88
CL0006	Above 300sq.mm to 630sq.mm	m	280.40	291.45	293.40

**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	174.98	186.02	186.59
CL0021	Above 6sq.mm to 25sq.mm	m	179.50	190.55	191.12
CL0022	Above 25sq.mm to 70sq.mm	m	181.76	192.81	193.38
CL0023	Above 70sq.mm to 150sq.mm	m	184.48	195.52	196.09
CL0024	Above 150sq.mm to 300sq.mm	m	188.10	199.14	199.71

**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	235.96	246.14	250.79
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**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	361.65	369.32	372.23
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Code	Description	Units	PL	GP	SJ
<b>Cable Jointing</b>					
<b>Providing and fixing straight through joint box including ferrules and other jointing materials for under ground PVC sheathed cable 1.1KV including making joints &amp; filling with bitumenous compound for the aluminium conductor cable</b>					
CL0090	2-Core, 6/10/16sq.mm	each	689.17	690.34	729.81
CL0091	3.5-Core, 25/35/50sq.mm	each	815.60	816.78	856.25
CL0092	3.5-Core, 70/95/120sq.mm	each	1068.46	1069.64	1109.11
CL0093	3.5-Core, 240/300sq.mm	each	1194.89	1196.07	1235.54
CL0094	4-Core, 16/25/35sq.mm	each	866.17	867.35	906.82
CL0095	4-Core, 50/70/95sq.mm	each	1119.03	1120.21	1159.68
CL0096	4-Core, 120/150/300sq.mm	each	1220.18	1221.36	1260.83
<b>Cable Termination with Compression Gland</b>					
<b>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</b>					
CL0110	20/22/25mm dia	each	114.08	112.44	113.08
CL0111	27/29/33mm dia	each	152.51	153.55	154.59
CL0112	35/38/40mm dia	each	196.84	200.66	201.80
CL0113	45/50/55mm dia	each	259.35	262.17	264.46
CL0114	60/63/70mm dia	each	388.02	389.54	393.22
CL0115	78/82/85mm dia	each	758.43	761.54	763.64
<b>CONTROL CABLE</b>					
<b>Providing &amp; laying PVC insulated &amp; Sheathed Armoured Copper Control Cable, 660/1100V - 1.5 sq.mm (excluding cost of trenches/ducts)</b>					
CC0001	2-Core	m	107.27	114.11	114.79
CC0002	3-Core	m	131.30	159.93	168.45
CC0003	4-Core	m	154.22	154.81	155.76
CC0004	5-Core	m	173.47	177.37	178.27
CC0005	6-Core	m	201.97	201.17	202.29
CC0006	7-Core	m	224.32	226.51	227.86
CC0007	10-Core	m	296.76	304.45	306.33
CC0008	12-Core	m	314.23	315.34	317.19
CC0009	14-Core	m	355.00	359.35	361.12
CC0010	16-Core	m	399.05	401.79	403.49
CC0011	19-Core	m	465.55	490.37	491.43
CC0012	24-Core	m	586.61	601.91	602.84
CC0013	27-Core	m	632.75	645.27	646.13
CC0014	30-Core	m	701.38	708.37	709.16
CC0015	37-Core	m	817.57	826.85	827.79
CC0016	44-Core	m	984.40	991.52	991.97
CC0017	52-Core	m	1201.65	1233.33	1233.59
CC0018	61-Core	m	1414.89	1429.76	1449.45
<b>Providing &amp; laying PVC insulated &amp; Sheathed Armoured Copper control cable, 660/1100V - 2.5 sq.mm (excluding cost of trenches/ducts)</b>					
CC0030	2-Core	m	141.93	154.67	154.96
CC0031	3-Core	m	179.60	181.69	182.30
CC0032	4-Core	m	219.88	220.71	221.28
CC0033	5-Core	m	257.15	260.47	260.99
CC0034	6-Core	m	304.88	306.91	307.39
CC0035	7-Core	m	317.34	323.30	323.75
CC0036	10-Core	m	416.23	416.28	416.77

Code	Description	Units	PL	GP	SJ
CC0037	12-Core	m	497.03	502.92	503.18
CC0038	14-Core	m	562.53	565.99	569.34
CC0039	16-Core	m	637.89	650.93	654.20
CC0040	19-Core	m	722.47	722.60	725.75
CC0041	24-Core	m	923.68	928.95	930.99
CC0042	27-Core	m	1010.60	1014.07	1021.90
CC0043	30-Core	m	1128.45	1134.99	1136.69
CC0044	37-Core	m	1400.11	1409.20	1418.24
CC0045	44-Core	m	1615.32	1640.05	1646.88
CC0046	52-Core	m	1883.78	1892.37	1898.17
CC0047	61-Core	m	2195.39	2210.28	2212.58

**Providing & laying PVC insulated & Sheathed Unarmoured Copper control cable, 660/1100V-1.5 sq.mm  
(excluding cost of trenches/ducts)**

CC0060	2-Core	m	70.86	71.54	73.06
CC0061	3-Core	m	91.40	91.86	95.75
CC0062	4-Core	m	113.81	114.78	118.63
CC0063	5-Core	m	131.93	134.95	138.79
CC0064	6-Core	m	156.68	157.20	158.63
CC0065	7-Core	m	173.35	177.79	179.20
CC0066	10-Core	m	239.58	248.05	249.38
CC0067	12-Core	m	281.41	290.38	291.66
CC0068	14-Core	m	317.50	324.43	325.67
CC0069	16-Core	m	362.89	370.90	372.09
CC0070	19-Core	m	421.37	430.28	431.40
CC0071	24-Core	m	539.55	549.08	550.08
CC0072	27-Core	m	597.15	598.20	599.14
CC0073	30-Core	m	656.96	668.09	668.96
CC0074	37-Core	m	803.71	815.02	817.28
CC0075	44-Core	m	957.84	957.98	958.80
CC0076	52-Core	m	1124.33	1126.29	1126.84
CC0077	61-Core	m	1317.28	1326.46	1327.88

**Providing & laying PVC insulated & Sheathed Unarmoured Copper control cable,660/1100V-2.5 sq.mm  
(excluding cost of trenches/ducts)**

CC0090	2-Core	m	101.41	102.27	103.49
CC0091	3-Core	m	136.28	155.76	136.93
CC0092	4-Core	m	172.49	176.89	191.01
CC0093	5-Core	m	209.00	177.94	215.68
CC0094	6-Core	m	248.08	179.20	239.92
CC0095	7-Core	m	280.37	179.59	259.58
CC0096	10-Core	m	376.17	182.15	340.41
CC0097	12-Core	m	437.65	183.63	388.24
CC0098	14-Core	m	506.63	184.45	435.18
CC0099	16-Core	m	586.16	185.28	481.07
CC0100	19-Core	m	678.81	186.32	549.48
CC0101	24-Core	m	850.90	188.24	668.26
CC0102	27-Core	m	957.58	188.63	736.96
CC0103	30-Core	m	1087.92	190.11	805.05
CC0104	37-Core	m	1313.11	190.93	968.17
CC0105	44-Core	m	1564.24	190.89	1128.84
CC0106	52-Core	m	1858.09	193.89	1311.22
CC0107	61-Core	m	2185.91	194.71	1517.33

**POLE & ACCESSORIES**

**Compound/Street Light Pole**

Code	Description	Units	PL	GP	SJ
<b>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</b>					
PA0001	5.5m, 4.5mm thick	each	3214.53	3236.09	3269.41
PA0002	5.5m, 4.8mm thick	each	3346.71	3369.16	3403.39
PA0003	5.5m, 5.4mm thick	each	3539.20	3578.40	3621.69
PA0004	8.5m, 151kg	each	5305.51	5377.23	5413.28
PA0005	8.5m, 148kg	each	5149.12	5206.07	5264.09
PA0006	8.5m, 141kg	each	4909.47	4965.77	5018.32
<b>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 &amp; shuttering, and refilling, providing props for pole etc. complete as required</b>					
PA0020	At dead end	each	856.38	860.45	866.76
PA0021	At middle	each	851.58	855.31	861.38
PA0022	Junction of three way	each	847.35	850.71	856.54
<b>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 &amp; shuttering, and refilling, providing props for pole etc. complete as required</b>					
PA0035	At dead end	each	2748.30	2792.48	2831.36
PA0036	At middle	each	2748.30	2792.48	2831.36
PA0037	Junction of three way	each	2748.30	2792.48	2831.36
<b>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 &amp; arm bracket from junction box including erection of street light fixtures, lamps, connection, testing etc. complete as required</b>					
PA0050	Single arm	each	848.89	863.26	884.21
PA0051	Double arm	each	1267.66	1292.22	1324.34
PA0052	Triple arm	each	1747.92	1782.68	1825.97
<b>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</b>					
PA0065	Post top lamp fixtures	each	303.99	312.50	321.13
<b>Providing and installation of street/compound light pole earthing including connections, testing etc. complete as required including excavation and refilling</b>					
PA0075	With G.I earth spike 1.8m	each	490.45	499.27	506.79
PA0076	With G.I Wire 8 SWG	each	546.41	566.49	584.81
<b>Supplying of pole cap with arm bracket 1.1m long and outer dia 50/60mm having inner pole &amp; outer tightened bolt etc. complete as required for the top section of pole</b>					
PA0090	Single arm	each	3344.52	3552.89	3912.60
PA0091	Double arm	each	6126.97	6324.75	6923.95
PA0092	Triple arm	each	8695.75	9111.05	10034.62
<b>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 &amp; HRC fuse unit with fuse of 6A with locking arrangement and finish coat painting complete with all accessories as required as per standard drawing</b>					
PA0105	MS junction box out door duty	each	869.41	911.11	1003.47

Code	Description	Units	PL	GP	SJ
<b>TELEPHONE WIRES &amp; CABLES</b>					
<b>Wires</b>					
<b>Provide and draw high density polythene insulated &amp; sheathed copper conductor 0.5mm dia telephone wire in existing surface/ recessed conduit wiring system complete as required</b>					
TC0001	2 pair	each	23.94	23.89	27.28
TC0002	5 pair	each	42.03	48.28	58.33
<b>Cables</b>					
<b>Provide and draw petroleum Jelly filled Telecommunication cables polythene insulated &amp; sheathed copper conductor 0.5mm dia unarmoured in existing surface/ recessed conduit wiring system complete as required</b>					
TC0010	20 pair	each	131.51	132.33	132.62
TC0011	50 pair	each	296.32	299.14	324.50
TC0012	100 pair	each	539.08	541.64	562.69
<b>Provide and draw petroleum Jelly filled Telecommunication cables polythene insulated &amp; sheathed copper conductor 0.5mm dia armoured in existing surface/ recessed conduit wiring system complete as required</b>					
TC0020	20 pair	each	193.25	193.31	204.58
TC0021	50 pair	each	372.59	376.31	378.76
TC0022	100 pair	each	600.48	604.27	607.18
<b>AIR CONDITIONERS</b>					
<b>Providing &amp; fixing Window Type Air Conditioners</b>					
AC0001	1 tonne, window type	each	46254.37	48973.58	49913.04
AC0002	1.5 tonne, window ty	each	52981.69	54687.26	57010.57
AC0003	2 tonne, window type	each	59146.79	62023.84	64020.83
<b>Providing &amp; fixing Split Type Air Conditioners</b>					
AC0015	1 tonne, split type	each	67892.22	69497.93	71135.62
AC0016	1.5 tonne, split typ	each	78426.56	79624.60	85214.01
AC0017	2 tonne, split type	each	110663.19	114166.88	120514.98
<b>DISMANTLING &amp; DEMOLITION</b>					
<b>Electrical wiring and Fittings</b>					
<b>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:</b>					
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
<b>Dismantling Electrical fittings, boxes, covers, etc all types and stacking materials within 50m lead including making the surface good:</b>					
DS0015	Pendent/ recessed/ surface	each	12.26	12.26	12.26

Code	Description	Units	PL	GP	SJ
<b>CIVIL WORK</b>					
<b>Earth Work</b>					
<b>Surface dressing of ground, including removal of vegetations &amp; inequalities &lt; 150mm deep, disposal of rubbish within 50m lead and 1.5m lifts</b>					
CV0001	Ordinary Soil	sq.m	6.73	6.73	6.73
CV0002	Hard Soil	sq.m	9.45	9.45	9.45
<b>Excavation in foundation trenches or drains, width &lt;1.5m, area &lt;10 sq.m in plan, depth &gt;300mm including dressing &amp; ramming, disposal of surplus soil within 50m lead &amp; 1.5m lift</b>					
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
<b>Hand excavation and refilling in layers &lt; 200mm, of trenches for pipes &amp; sockets, cables, including dressing of sides/ ramming of bottom, depth upto 1.5m, disposal of surplus material within lead of 50m: Ordinary Soil</b>					
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
<b>Hand excavation and refilling in layers &lt; 200mm, of trenches for pipes &amp; sockets, cables, including dressing of sides/ ramming of bottom, depth upto 1.5m, disposal of surplus material within lead of 50m: Hard Soil</b>					
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
<b>Hand excavation and refilling in layers &lt; 200mm, of trenches for pipes &amp; sockets, cables, including dressing of sides/ ramming of bottom, depth upto 1.5m, disposal of surplus material within lead of 50m: Ordinary rock</b>					
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
<b>Hand excavation and refilling in layers &lt; 200mm, of trenches for pipes &amp; 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</b>					
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
<b>Filling of trenches, sides of foundations etc. in layers &lt;200mm , ramming etc. within lead 50 m &amp; lift 1.5m</b>					
CV0090	Using selected excavated earth	cu.m	58.69	58.69	58.69
CV0091	Using sand	cu.m	473.98	473.98	507.31
<b>Open timbering over areas including lagging &amp; strutting of trenches, cuts (per sq.m face area timbered)</b>					
CV0105	Depth not exceeding	sq.m	132.93	119.92	112.49
CV0106	1.5m < depth < 3 m	sq.m	135.22	122.20	114.78
CV0107	Depth > 3 m	sq.m	139.21	126.20	118.77

Code	Description	Units	PL	GP	SJ
<b>Close timbering over areas including lagging &amp; strutting of trenches, cuts ( per sq.m face area timbered)</b>					
CV0120	Depth not exceeding	sq.m	372.67	334.22	312.29
CV0121	1.5m < depth < 3m	sq.m	378.70	340.25	318.32
CV0122	3m < depth < 4.5m	sq.m	384.71	346.26	324.33
<b>Cement Concrete</b>					
<b>Providing &amp; laying cement concrete excluding the cost of centering and shuttering</b>					
CV0135	1:2:4, 20mm aggregates	cu.m	4118.72	4458.18	4612.93
CV0136	1:2:4, 40mm aggregates	cu.m	3970.41	4302.44	4467.21
CV0137	1:3:6, 40mm aggregates	cu.m	3277.71	3519.67	3681.84
CV0138	1:3:6, 50mm aggregates	cu.m	2930.66	3128.16	3288.64
CV0139	1:5:10, 50mm aggregates	cu.m	2659.96	2822.79	2981.94
CV0140	1:5:10, 40mm aggregates	cu.m	2659.96	2822.79	2981.94
<b>Centering &amp; Shuttering</b>					
<b>Providing &amp; fixing centering and shuttering (formwork), including strutting, propping etc. and removal of formwork</b>					
CV0150	Foundation and plinth	sq.m	274.44	254.24	242.73
<b>Brick Work</b>					
<b>Providing and laying second class brick work in foundation and plinth</b>					
CV0160	In cement mortar 1:4	cu.m	4620.51	5154.60	5127.49
<b>Plaster</b>					
<b>Providing &amp; laying 12mm cement plaster</b>					
CV0170	In cement mortar 1:6	sq.m	88.44	91.64	92.28
<b>Cement Mortar</b>					
CV0180	Cement mortar 1:4	cu.m	3306.78	3644.66	3693.20
CV0181	Cement mortar 1:6	cu.m	2404.46	2626.74	2670.88

**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 &amp; 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:**

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

**II The cost index shall not be applicable for:**

- All basic rates
- 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**

- 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.
- Same weightage shall be applicable for similar works at any location

## List of Approved Brands for Electrical materials

### I. ELECTRICAL MATERIALS

Sl. No.	Materials	Approved Brands
<b>1</b>	<b>LAMPS</b>	
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
<b>2</b>	<b>LUMINARIES/FIXTURES</b>	
a.	Outdoor lighting/Indoor Lighting	Decon,Command,Schreder
<b>3</b>	<b>SWITCHES, SOCKETS &amp; WIRING ACCESSORIES</b>	
		MK India(Aspect, Blenze, Wraparound, Wraparound Plus, Ivory) CPL(Synchro, Flirt), Legrand(Arteor, Mosaic, Mylinc),Crabtree, Gkon Goldmedal(Essenza, Eikon, Curve),Pointer Newlike ,Tinsel
<b>4</b>	<b>WIRES &amp; CABLES</b>	
a.	Domestic wires (0.5 sq.mm to 10 sq.mm, 1100V grade)	Polycab, Emgee, RR Kabel, Ajanta, Havells, Royal Cables, Mescab, Goldmedal, ATC, MW, KEI, Unicab, Richa, V-guard, Pointer, Kent, System, Gkon
b.	LT Power cables (2.5 sq.mm to 600 sq.mm)	Richa, Polycab, Emgee,RR Kabel, Ajanta, Havells, Mescab, ATC, KEI, Unicab V-guard, System, Gkon
<b>5</b>	<b>LV SWITCHGEARS</b>	
a.	MCB	Legrand, Hager Havells, Geco, System, Ship, Gkon
b.	MCCB	Legrand, Havells, Hager Gkon, Ship
c.	RCCB/ELCB/RCBO	Legrand, Hager Havells, Ship, Gkon
d.	Isolators	Legrand, Hager, Havells, Geco, Ship
e.	Distribution Boards	Legrand, Havells Hensel, Hager ,Geco, Ship
f.	Busbars & busbar chambers	Hensel, Geco, Ship
g.	Industrial Plugs & sockets	Hensel, Geco, Ship
h.	Control Panels	Hensel
<b>6</b>	<b>FANS</b>	
a.	Celing/exhaust/pedestal/wall/table fans	Orient, Berlia (ceiling fans only), V-guard
<b>7</b>	<b>ELECTRIC WATER HEATERS</b>	
a.		Venus, Berlia, V-Guard, Atlantic
<b>8</b>	<b>PVC CASING CAPPING &amp; FITTINGS</b>	
a.		Richa, Precision
<b>9</b>	<b>PVC CONDUIT &amp; FITTINGS</b>	
a.		Richa, Precision, Harsh
<b>10</b>	<b>MS CONDUIT &amp; FITTINGS</b>	
a.		BEC,
<b>11</b>	<b>HDPE PIPES AND FITTINGS</b>	
a	DWC HDPE pipes and fittings	Telecorr



## II. OTHER MATERIALS

Sl. No.	Materials	Approved Brands
<b>1</b>	<b>Reinforcement Steel</b>	
a.	Fe 415	PCM LhakiTMT, Pelden Thermex
b.	Fe 500	Karma TMX,Pelden Thermex,PCM Lhaki 500,Arcellor Mittal 500D
<b>2</b>	<b>Roofing Sheet /Tiles/Tubular pipes</b> <i>(This is in addition to the locally available materials)</i>	
a.	CGI	Aarti Suraksha
	Aluminium roofing sheet	Hindalco Everlast
b.	Colour Roof	1.Everest metal roofing (ER-32-251 profile only) 2. CRIL (i.Hispan, ii.Histern975, iii. Steel Lock, iv. Stile Rainbow, v. RiverClack, vi. Versatile profiles only)
c.	Base metal	Metashield (SeClad only)
d.	Roofing tiles	
<b>3</b>	<b>White Portland Cement</b>	
a.		
<b>4</b>	<b>Flooring and Wall Tiles</b>	
	Tiles (floor, wall, bath, etc )	Varmora, Johson, Endura, Marbonite
<b>5</b>	<b>Bitumen/Emulsion</b>	
a.	Cationic Emulsion	BhuBit
b.	80/100	
<b>6</b>	<b>Bricks/Hollow Blocks &amp; Others</b>	
a.	Interlocking Cement Earth Block	DSE
b.	Solid/hollow blocks	<b>A.</b> Bhutan Concrete Bricks 1. Solid (240x115x53) 2. 2 Hole porous (230x110x70) 3. Hollow(390x90x190) <b>B.</b> Yang Building Materials (Solid bricks-240x120x74)
<b>7</b>	<b>Boards</b>	
a.	Cement fiber boards	
<b>8</b>	<b>Cements</b>	
a.	33 Grade	Lhaki Cement, Penden Ordinary
b.	43 Grade	Druk cement,Lhaki Cement, Penden Supreme
c.	PSC	Lhaki Top, Penden Special
d.	PPC	Penden premium
e.	OPC 53	
<b>9</b>	<b>UPVC Windows, Doors, Prefabricated Structures and PVC profiles</b>	Polywood

*Note: The above lists of approved brands are the products for which the approval certificates are still valid. Those brands for which the certificates are expired and not renewed will not feature in the list. Also those products which are approved but have not deposited the certification fee will not feature in the above list. The list is the approved as of 30<sup>th</sup> October, 2012 and the latest list of approved brand will be available in [www.bsb.gov.bt](http://www.bsb.gov.bt).*



**MINISTRY OF WORKS & HUMAN SETTLEMENT**  
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