

M&E Group : LV cables

A1 : 2 Core XLPESWAPVC ARMOURED CABLES (600/1000V)

Serial No.	DESCRIPTION		BRAND	K.LUMPUR RM/metre	JOHORE RM/metre	P.PINANG RM/metre	PAHANG RM/metre	TERENGGANU RM/metre	SABAH RM/metre	SARAWAK RM/metre
	sq. (mm)	SIZE (mm)								
1	1.5	7/0.53	A	3.53	3.81	3.66	3.72	3.77	4.11	4.15
			B	3.62	3.74	3.61	3.69	3.70	4.22	4.26
2	2.5	7/0.67	A	4.93	5.12	4.87	4.97	5.00	5.77	5.80
			B	5.06	5.11	5.00	5.11	5.14	5.91	5.98
3	4	7/0.85	A	6.39	6.80	6.56	6.70	6.73	7.46	7.54
			B	6.69	6.91	6.64	6.76	6.84	7.77	7.82
4	6	7/1.04	A	8.50	8.80	8.49	8.68	8.72	9.53	9.61
			B	9.55	10.07	9.80	9.97	9.99	10.42	10.54
5	10	7/1.35	A	13.53	13.90	13.51	13.71	13.81	15.10	15.23
			B	14.60	14.95	14.51	14.80	14.90	16.17	16.32
6	16	7/1.70	A	18.55	19.11	18.51	18.81	18.92	20.48	20.67
			B	18.55	19.13	18.66	19.01	19.02	20.53	20.72

A2 : 3 Core XLPESWAPVC ARMOURED CABLES (600/1000V)

Serial No.	DESCRIPTION		BRAND	K.LUMPUR RM/metre	JOHORE RM/metre	P.PINANG RM/metre	PAHANG RM/metre	TERENGGANU RM/metre	SABAH RM/metre	SARAWAK RM/metre
	sq. (mm)	SIZE (mm)								
1	1.5	7/0.53	A	4.22	4.53	4.46	4.53	4.49	4.84	4.88
			B	4.51	4.76	4.72	4.81	4.69	5.17	5.22
2	2.5	7/0.67	A	5.07	6.23	6.09	6.20	6.20	6.80	6.87
			B	6.24	6.46	6.31	6.44	6.46	7.44	7.51
3	4	7/0.85	A	8.19	8.52	8.28	8.42	8.44	9.20	9.28
			B	8.53	8.81	8.67	8.81	8.79	9.57	9.67
4	6	7/1.04	A	12.53	12.47	12.39	12.59	10.13	13.93	13.07
			B	13.66	13.88	13.60	13.86	13.82	15.17	15.32
5	10	7/1.35	A	18.00	18.43	17.94	18.23	15.13	19.62	19.82
			B	19.06	19.72	19.35	19.67	19.65	20.81	21.01
6	16	7/1.70	A	25.80	27.15	26.71	27.15	22.55	28.33	28.61
			B	26.19	27.39	27.45	27.91	27.35	28.78	29.07

M&E Group : LV cables

A4 : 4 Core XLPESWAPVC ARMoured CABLES (600/1000V)

Serial No.	DESCRIPTION		BRAND	K.LUMPUR RM/metre	JOHORE RM/metre	P.PINANG RM/metre	PAHANG RM/metre	TERENGGANU RM/metre	SABAH RM/metre	SARAWAK RM/metre
	sq. (mm)	SIZE (mm)								
1	1.5	7/0.53	A	5.13	5.29	5.23	5.30	5.26	5.87	5.71
			B	5.00	5.29	5.23	5.35	5.32	6.02	5.64
2	2.5	7/0.67	A	7.04	7.35	7.27	7.43	7.35	8.50	7.98
			B	7.03	7.35	7.27	7.38	7.35	8.56	8.04
3	4	7/0.85	A	10.97	11.45	11.32	11.62	11.50	12.77	11.97
			B	10.97	11.25	11.12	11.32	11.25	13.20	12.39
4	6	7/1.04	A	14.56	15.60	15.43	15.75	16.19	16.95	15.87
			B	15.30	15.78	15.60	15.97	14.99	18.00	16.81
5	10	7/1.35	A	20.90	22.52	22.28	22.67	23.53	24.79	23.21
			B	22.15	23.39	23.12	23.73	22.70	26.20	24.51
6	16	7/1.70	A	33.08	34.63	34.25	34.39	34.78	38.57	36.15
			B	33.05	35.24	34.86	35.70	34.99	38.32	35.85
7	25	19/1.35	A	46.33	48.74	48.21	49.11	48.57	54.43	50.98
			B	46.30	48.49	47.96	49.18	48.69	52.70	50.91
8	35	19/1.53	A	63.53	67.45	66.73	68.37	67.70	73.51	68.81
			B	64.59	66.10	65.37	66.60	65.95	75.34	70.64
9	50	19/1.78	A	82.61	87.46	86.52	88.66	89.23	98.35	92.21
			B	84.97	88.74	87.76	89.96	87.51	100.37	94.06
10	70	19/2.14	A	115.01	126.39	125.07	128.45	126.08	127.86	129.09
			B	119.67	125.10	123.74	125.67	123.32	131.85	132.85
11	95	19/2.52	A	161.54	167.07	165.30	169.86	166.68	177.31	178.73
			B	156.53	174.44	172.60	177.33	173.99	177.79	179.75
12	120	37/2.03	A	198.20	215.28	213.10	219.06	214.87	218.40	220.36
			B	218.36	234.29	231.67	238.70	233.63	243.70	246.15
13	150	37/2.25	A	247.79	268.01	265.18	271.05	265.89	274.22	276.67
			B	263.48	288.36	285.21	293.49	287.58	287.51	290.45
14	185	37/2.52	A	300.11	320.79	317.38	324.56	318.42	329.89	333.32
			B	325.22	342.20	338.30	348.80	342.15	361.00	364.68
15	240	61/2.25	A	392.48	405.05	400.47	410.32	401.72	429.89	433.81
			B	389.35	415.90	411.29	423.55	414.76	425.04	429.45

A5 : METRIC MAINS WIRING CABLES (600/1000V) - PVC SINGLE

Serial No.	DESCRIPTION		BRAND	K.LUMPUR RM/metre	JOHORE RM/metre	P.PINANG RM/metre	PAHANG RM/metre	TERENGGANU RM/metre	SABAH RM/metre	SARAWAK RM/metre
	sq. (mm)	SIZE (mm)								
1	1.5	7/0.53	A	0.55	0.56	0.60	0.59	0.63	0.59	0.60
			B	0.67	0.57	0.72	0.73	0.73	0.72	0.73
2	2.5	7/0.67	A	0.93	0.96	0.98	0.99	0.98	0.99	0.99
			B	0.97	1.04	1.03	1.05	1.03	1.04	1.05
3	4	7/0.85	A	1.50	1.74	1.59	1.61	1.55	1.60	1.60
			B	1.65	1.53	1.72	1.74	1.73	1.75	1.80
4	6	7/1.04	A	2.16	2.22	2.24	2.27	2.27	2.31	2.31
			B	2.35	2.46	2.49	2.54	2.52	2.50	2.52
5	10	7/1.35	A	3.66	3.75	3.80	3.85	3.80	3.91	3.94
			B	3.73	4.00	4.01	4.05	4.05	3.98	4.03
6	16	7/1.70	A	5.78	5.99	5.59	5.65	6.04	6.15	6.23
			B	5.90	6.18	6.19	6.28	6.14	6.29	6.34
7	25	19/1.35	A	9.74	9.44	10.29	10.44	9.53	10.40	10.50
			B	10.80	10.22	11.38	11.53	10.25	11.58	11.72
8	35	19/1.53	A	12.59	13.09	13.30	13.45	13.28	13.42	13.53
			B	12.78	13.16	13.30	13.47	13.26	13.58	13.73
9	50	19/1.78	A	17.07	17.20	17.90	18.15	17.86	18.14	18.32
			B	18.00	18.35	18.98	19.25	18.96	19.17	19.39
10	70	19/2.14	A	24.54	26.57	24.81	25.22	26.32	26.06	26.33
			B	25.30	31.55	26.16	26.51	25.21	26.94	27.22
11	95	19/2.52	A	34.62	37.49	35.77	36.38	37.18	36.81	37.20
			B	35.68	37.05	36.31	37.02	35.74	38.00	38.37

A6 : METRIC MAINS WIRING CABLES (600/1000V) - PVC / PVC

Serial No.	DESCRIPTION		BRAND	K.LUMPUR RM/metre	JOHORE RM/metre	P.PINANG RM/metre	PAHANG RM/metre	TERENGGANU RM/metre	SABAH RM/metre	SARAWAK RM/metre
	sq. (mm)	SIZE (mm)								
1	1.5	7/0.53	A	0.80	0.90	0.89	0.96	0.92	0.86	0.87
			B	0.83	0.83	0.82	0.96	1.02	0.89	0.90
2	2.5	7/0.67	A	1.08	1.16	1.15	1.18	1.18	1.14	1.17
			B	1.08	1.16	1.15	1.18	1.62	1.15	1.17
3	4	7/0.85	A	1.79	1.83	1.81	1.85	1.89	1.88	1.93
			B	1.79	1.83	1.81	1.84	2.38	1.88	1.93
4	6	7/1.04	A	2.62	2.78	2.74	2.83	2.83	2.80	2.82
			B	2.63	2.73	2.70	2.92	3.61	2.83	2.85
5	10	7/1.35	A	4.20	4.33	4.28	4.52	4.42	4.41	4.15
			B	4.15	4.33	4.28	4.47	5.72	4.49	4.50
6	16	7/1.70	A	6.38	6.66	6.58	6.82	6.75	6.78	6.82
			B	6.43	6.66	6.58	6.85	10.99	6.82	6.94
7	25	19/1.35	A	11.55	10.50	10.38	12.45	10.61	12.38	12.50
			B	10.10	11.94	11.80	10.81	12.15	10.74	10.86
8	35	19/1.53	A	13.56	14.21	14.05	14.64	14.70	14.45	14.61
			B	13.90	14.46	14.29	15.02	17.72	14.83	14.99
9	50	19/1.78	A	19.38	19.83	19.61	20.72	20.87	20.64	20.87
			B	20.09	20.70	20.46	21.51	20.87	21.44	21.66
10	70	19/2.14	A	26.80	27.57	27.86	29.11	28.47	28.74	29.06
			B	27.76	27.57	28.86	30.73	29.52	29.82	30.14
11	95	19/2.52	A	38.62	39.89	39.66	41.31	40.55	41.39	41.83
			B	39.86	41.22	40.96	42.88	41.88	42.81	43.25

A7 : FIRE RESISTANT CABLES (600/1000V) - SINGLE CORE

Serial No.	DESCRIPTION		BRAND	K.LUMPUR RM/metre	JOHORE RM/metre	P.PINANG RM/metre	PAHANG RM/metre	TERENGGANU RM/metre	SABAH RM/metre	SARAWAK RM/metre
	sq. (mm)	SIZE (mm)								
1	1.5	7/0.53	A	3.61	3.89	3.87	3.96	3.87	4.00	4.03
			B	5.58	6.55	6.58	6.73	6.57	6.73	6.79
2	2.5	7/0.67	A	4.21	4.35	4.39	4.49	5.49	4.48	4.52
			B	6.79	7.97	7.98	8.16	7.97	8.16	8.23
3	4	7/0.85	A	6.28	6.54	6.56	6.71	6.55	6.72	6.80
			B	8.62	9.98	9.34	9.54	9.92	10.20	10.27
4	6	7/1.04	A	7.38	7.75	7.76	7.94	7.75	7.93	8.00
			B	11.12	13.09	13.12	13.41	13.04	13.37	13.51
5	10	7/1.35	A	9.47	9.87	9.83	10.04	9.86	10.08	10.18
			B	14.45	16.97	16.96	17.34	16.95	17.34	17.53
6	16	7/1.70	A	12.48	12.86	12.87	13.16	12.91	13.20	13.13
			B	20.63	24.43	24.48	25.03	24.35	24.94	25.21
7	25	19/1.35	A	17.23	17.86	17.86	18.28	17.81	18.29	18.48
			B	28.62	33.77	33.85	34.61	33.70	34.55	34.89
8	35	19/1.53	A	22.69	24.23	24.22	24.74	24.05	24.76	25.00
			B	36.51	43.71	43.76	44.72	43.58	43.33	45.06
9	50	19/1.78	A	33.51	35.54	35.59	36.37	35.44	34.23	36.50
			B	46.72	53.92	54.01	55.22	53.74	51.86	55.63
10	70	19/2.14	A	42.00	43.45	42.97	43.14	43.37	44.48	44.92
			B	61.64	70.94	70.17	70.36	70.76	77.31	78.22
11	95	19/2.52	A	52.45	54.07	53.47	53.63	53.93	59.37	60.06
			B	78.55	90.70	88.66	89.99	90.46	98.88	100.03

M&E Group : MV cables**B3 - SINGLE CORE XLPE/AWA/PVC/11kV**

(XLPE INSULATED, COPPER TAPE SCREENED, PVC SHEATHED, ALUMINIUM ARMOUR, PVC SHEATHED)

Serial No.	DESCRIPTION		BRAND	K.LUMPUR RM/metre	JOHORE RM/metre	P.PINANG RM/metre	PAHANG RM/metre	TERENGGANU RM/metre	SABAH RM/metre	SARAWAK RM/metre
	sq. (mm)	SIZE (mm)								
1	70	19/2.14	A	57.37	69.67	62.67	70.57	69.36	66.32	73.05
2	95	19/2.52	A	73.88	78.60	77.77	78.99	80.63	82.87	87.11
3	120	37/2.03	A	89.81	95.45	91.18	92.68	92.69	97.34	97.46
4	150	37/2.25	A	106.32	112.27	109.31	111.10	110.42	114.50	112.76
5	185	37/2.52	A	130.88	145.51	133.56	135.69	135.10	142.61	143.88
6	240	61/2.25	A	166.44	174.55	166.59	169.74	168.28	180.16	177.63

B4 - 3 CORE XLPE/SWA/PVC/11kV

(XLPE INSULATED, COPPER TAPE SCREENED, PVC SHEATHED, STEEL WIRE ARMOUR, PVC SHEATHED)

Serial No.	DESCRIPTION		BRAND	K.LUMPUR RM/metre	JOHORE RM/metre	P.PINANG RM/metre	PAHANG RM/metre	TERENGGANU RM/metre	SABAH RM/metre	SARAWAK RM/metre
	sq. (mm)	SIZE (mm)								
1	70	19/2.14	A	175.94	189.92	188.10	194.39	196.30	191.64	193.48
2	95	19/2.52	A	223.58	245.87	236.90	245.12	247.44	246.38	248.63
3	120	37/2.03	A	269.53	298.47	296.35	306.35	309.19	298.36	301.27
4	150	37/2.25	A	317.20	350.95	332.72	294.43	347.66	353.57	356.83
5	185	37/2.52	A	385.00	423.13	398.01	412.57	416.84	424.66	428.85
6	240	61/2.25	A	453.50	530.13	493.65	512.50	533.55	525.63	531.05

**M&E Group : BUS DUCTS
C1 - COPPER BUS DUCTS FEEDER**

Serial No.	DESCRIPTION		BRAND	K.LUMPUR RM/metre	JOHORE RM/metre	P.PINANG RM/metre	PAHANG RM/metre	TERENGGANU RM/metre	SABAH RM/metre	SARAWAK RM/metre
	RATING (A)	PROTECTION								
1	300	IP65	A	809.18	803.52	876.72	902.14	906.48	898.26	956.93
2	600	IP42	B	1161.76	1110.24	1210.96	1245.94	1285.36	1290.31	1356.10
3	1000	IP42	B	1731.07	1877.09	1948.91	2006.84	1833.80	1919.61	1937.19
4	2000	IP42	B	3723.11	3601.61	3933.02	4046.95	3951.64	4147.23	4214.44

**M&E Group : Pipes
D1-GI CONDUIT PIPE@12.5 FEET/LENGTH**

Serial No.	DESCRIPTION			K.LUMPUR RM/length	JOHORE RM/length	P.PINANG RM/length	PAHANG RM/length	TERENGGANU RM/length	SABAH RM/length	SARAWAK RM/length
	METRIC (MM)	IMPERIAL (INCHES)	BRAND							
1	20	3/4	A	19.95	21.46	20.74	21.61	21.36	22.97	23.19
			B	19.92	22.11	21.57	22.41	22.22	23.83	24.05
2	25	1	A	27.13	28.68	27.70	28.89	28.58	30.30	30.70
			B	26.96	29.64	28.87	30.00	29.74	31.52	31.80
3	32	1 1/4	A	37.09	39.68	38.36	39.96	39.68	42.19	42.56
			B	36.94	39.72	38.61	40.21	39.77	42.41	42.49
4	40	1 1/2	A	53.21	56.51	54.63	56.93	56.40	59.68	63.10
			B	53.21	57.61	56.05	58.34	57.77	61.10	62.88
5	50	2	A	78.27	83.60	80.76	84.19	83.44	88.88	89.46
			B	78.17	82.78	80.43	83.84	83.01	88.48	89.09

M&E Group : Cable Trunking

D2-GI CABLE TRUNKING - 1.5mm@8ft per length

Serial No.	DESCRIPTION			K.LUMPUR RM/length	JOHORE RM/length	P.PINANG RM/length	PAHANG RM/length	TERENGGANU RM/length	SABAH RM/length	SARAWAK RM/length
	METRIC (MM)	IMPERIAL (INCHES)	BRAND							
1	51 X 51	2" X 2"	A	61.31	68.93	68.23	69.63	70.91	74.03	74.44
			B	60.41	71.81	71.11	72.53	70.10	76.01	76.60
2	51 X 76	2" X 3"	A	73.87	76.96	76.24	77.69	92.63	89.23	90.09
			B	72.65	87.75	86.91	88.57	87.42	92.82	93.40
3	51 X 102	2" X 4"	A	85.97	94.07	93.16	94.98	106.63	104.91	105.69
			B	88.89	102.93	101.96	103.79	102.65	114.09	114.85
4	76 X 76	3" X 3"	A	90.54	97.84	96.86	98.82	106.63	110.48	111.33
			B	90.19	102.93	101.96	103.90	102.40	115.66	116.57
5	76 X 102	3" X 4"	A	98.25	118.43	117.19	119.67	122.33	120.06	121.04
			B	96.86	124.49	123.25	125.73	117.59	124.65	125.63
6	76 X 152	3" X 6"	A	122.63	149.08	147.53	150.64	154.24	151.42	152.89
			B	120.83	156.96	155.42	158.52	147.65	157.76	159.06
7	76 X 204	3" X 8"	A	147.24	174.68	172.83	176.33	170.71	177.85	179.57
			B	145.21	183.81	181.96	185.46	172.75	184.78	186.49
8	102 X 102	4" X 4"	A	111.04	123.95	123.04	124.86	136.52	134.08	135.30
			B	109.18	129.31	128.10	129.90	130.39	138.77	140.24
9	102 X 152	4" X 6"	A	135.67	150.95	149.44	151.68	165.87	162.89	164.61
			B	133.02	156.31	155.34	157.54	158.67	168.53	170.24
10	102 X 204	4" X 8"	A	159.96	177.63	177.90	192.69	194.59	186.61	188.32
			B	151.01	185.99	186.26	201.05	203.26	184.68	186.39
11	102 X 254	4" X 10"	A	184.43	212.43	216.69	233.38	235.99	222.80	225.00
			B	181.20	223.07	226.71	244.02	246.64	230.50	232.71
12	102 X 305	4" X 12"	A	209.04	242.89	247.06	267.01	269.86	254.30	256.75
			B	205.63	255.68	260.05	280.03	282.88	264.15	266.60

M&E Group : Cable Tray

D3-GI CABLE TRAY - 1.5mm@8ft per length

Serial No.	DESCRIPTION			K.LUMPUR RM/length	JOHORE RM/length	P.PINANG RM/length	PAHANG RM/length	TERENGGANU RM/length	SABAH RM/length	SARAWAK RM/length
	METRIC (MM)	IMPERIAL (INCHES)	BRAND							
1	76	3"	A	28.71	30.77	32.87	32.90	35.49	33.88	34.22
			B	26.40	38.84	34.48	34.82	35.04	32.62	32.91
2	102	4"	A	35.73	37.41	39.90	40.30	45.19	41.50	41.94
			B	32.64	46.63	38.24	38.62	43.30	39.62	39.96
3	127	5"	A	42.80	44.43	47.19	47.69	53.69	49.09	49.60
			B	39.28	54.51	45.46	45.88	51.25	47.11	47.56
4	152	6"	A	51.60	51.29	55.86	56.51	61.36	58.23	58.89
			B	46.18	66.56	55.35	53.42	60.36	54.89	55.43
5	204	8"	A	65.12	66.89	73.09	73.89	76.12	76.15	76.98
			B	56.26	85.01	66.76	67.35	77.00	69.04	69.67
6	254	10"	A	80.02	87.60	91.29	92.26	101.13	94.76	95.74
			B	76.19	104.67	85.33	86.10	96.42	87.94	88.58
7	305	12"	A	94.58	101.41	104.58	105.72	107.63	108.76	109.74
			B	91.16	105.81	105.49	106.79	111.29	101.89	102.87

M&E Group : LV Switchgears**E1 -TPN FUSE SWITCH,WITH METALCLAD ENCLOSURE
SURFACE MOUNTING,COMPLETE WITH HRC FUSE LINKS**

Serial No.	DESCRIPTION		BRAND	K.LUMPUR RM/unit	JOHORE RM/unit	P.PINANG RM/unit	PAHANG RM/unit	TERENGGANU RM/unit	SABAH RM/unit	SARAWAK RM/unit
	TYPE	(SIZE)								
1	NFS60E	60A/63A	A	926.49	951.04	951.04	955.95	966.27	1032.75	1042.50
2	NFS100E	100A	A	994.40	1001.90	1001.90	1027.15	1017.53	1108.25	1119.00
3	NFS160E	160A	A	1404.93	1442.14	1442.14	1449.65	1464.56	1566.00	1581.25
4	NFS200E	200A	A	1440.13	1478.20	1478.20	1485.96	1500.58	1605.00	1620.25
5	NFS300E	300A	A	1653.00	1696.83	1696.83	1705.60	1723.12	1842.50	1859.75

**E2 -TPN FUSE SWITCH,WITHOUT METALCLAD ENCLOSURE
FOR FLUSH MOUNTING COMPLETE WITH HRC FUSE LINKS**

Serial No.	DESCRIPTION		BRAND	K.LUMPUR RM/unit	JOHORE RM/unit	P.PINANG RM/unit	PAHANG RM/unit	TERENGGANU RM/unit	SABAH RM/unit	SARAWAK RM/unit
	TYPE	(SIZE)								
1	NFS60N	60A/63A	A	664.50	685.99	685.99	685.65	692.70	741.00	748.25
2	NFS100N	100A	A	678.38	700.04	700.04	699.98	707.19	756.25	763.50
3	NFS160N	160A	A	1038.40	1071.36	1071.36	1071.45	1082.45	1157.25	1168.25
4	NFS200N	200A	A	1086.50	1120.76	1120.76	1121.10	1132.62	1212.00	1223.25
5	NFS300N	300A	A	1298.50	1340.26	1340.26	1321.80	1383.20	1447.75	1461.50

E3-TPN SWITCH FUSE, WITH METALCLAD ENCLOSURE COMPLETE WITH HRC FUSE LINKS

Serial No.	DESCRIPTION		BRAND	K.LUMPUR RM/unit	JOHORE RM/unit	P.PINANG RM/unit	PAHANG RM/unit	TERENGGANU RM/unit	SABAH RM/unit	SARAWAK RM/unit
	TYPE	(SIZE)								
1	330KNXB/C	30A/32A	A	186.53	194.49	194.49	196.63	193.13	207.75	209.75
2	360KNXB/C	60A/63A	A	351.95	366.90	366.90	370.90	366.33	392.75	396.25
3	3100KNCB/C	100A	A	662.21	690.35	690.35	697.75	689.33	738.71	745.75

**M&E Group : LV Switchgears
E4 - ISOLATORS**

Serial No.	DESCRIPTION		BRAND	K.LUMPUR RM/unit	JOHORE RM/unit	P.PINANG RM/unit	PAHANG RM/unit	TERENGGANU RM/unit	SABAH RM/unit	SARAWAK RM/unit
	TYPE	(SIZE)								
DOUBLE POLE ISOLATOR WITH METALCLAD ENCLOSURE										
1		30A/32A	A	141.00	146.03	146.03	145.50	147.00	157.25	158.75
2		60A/63A	A	278.30	286.03	286.03	287.10	290.05	311.00	314.00
TPN ISOLATOR WITH METALCLAD ENCLOSURE										
3		30A/32A	A	141.68	145.40	145.40	146.20	147.73	167.75	171.25
4		60A/63A	A	280.00	287.10	287.10	288.90	291.88	333.00	339.50
5		100A	A	459.30	471.28	471.28	473.93	478.80	544.25	555.50

**E5 - SPN METALCLAD DISTRIBUTION BOARD WITH 1 POLE mcb
UP TO 32A LOAD RATING AND 6kA BREAKING CAPACITY**

Serial No.	DESCRIPTION		BRAND	K.LUMPUR RM/unit	JOHORE RM/unit	P.PINANG RM/unit	PAHANG RM/unit	TERENGGANU RM/unit	SABAH RM/unit	SARAWAK RM/unit
	TYPE	SIZE								
1	SPN 4 WAY mcb DB	A	202.80	207.15	208.28	209.40	211.35	225.75	228.00	
		B	316.98	323.00	325.59	327.28	330.60	353.50	356.75	
2	SPN 6 WAY mcb DB	A	212.80	217.18	218.55	219.73	221.85	237.00	239.25	
		B	354.65	361.98	364.28	366.20	369.75	395.00	398.75	
3	SPN 8 WAY mcb DB	A	222.60	227.20	228.63	229.85	231.85	247.75	250.25	
		B	392.85	400.95	403.50	405.63	409.50	437.75	442.00	
4	SPN 10 WAY mcb DB	A	234.63	239.45	244.55	242.25	244.45	260.75	263.75	
		B	463.78	473.35	476.35	478.85	483.65	516.75	521.50	
5	SPN 12 WAY mcb DB	A	246.63	251.70	253.30	254.63	256.95	274.50	277.00	
		B	511.98	512.33	515.58	528.90	534.00	570.50	576.25	
6	SPN 14 WAY mcb DB	A	278.13	284.00	285.65	287.15	289.95	310.00	313.00	
		B	538.00	545.13	547.40	555.43	561.20	599.50	605.25	
ADDITIONAL ITEMS TO ABOVE										
7	1P+N 32A SWITCH FUSE	B	18.65	19.12	19.12	27.90	28.28	19.75	21.75	
8	1P+N 63A SWITCH FUSE	B	47.20	42.01	47.55	49.58	50.26	52.71	54.26	
9	2 POLE 40A 100mA ELCB (RCCD)	A	59.98	62.83	62.83	65.26	66.00	70.20	71.38	
		B	77.48	80.60	80.60	82.68	83.60	89.00	90.48	
10	2 POLE 63A 100mA ELCB	A	83.68	87.63	87.63	88.40	88.93	95.18	96.25	
		B	111.75	116.15	116.15	117.25	118.38	126.73	128.50	
11	2 POLE 40A 30mA RCCD (for socket outlets DB)	A	89.73	93.95	93.95	94.75	95.33	101.75	103.25	
		B	111.75	116.20	116.20	117.25	118.38	126.50	128.25	
12	2 POLE 63A 30mA RCCD (for POWER DB)	A	115.43	120.83	120.83	122.00	122.83	131.40	133.50	
		B	149.00	154.98	154.98	156.50	160.73	171.88	174.50	
13	2 POLE 16A 10mA RCCD for water heater circuit	B	207.53	215.85	215.85	218.00	216.45	235.00	234.75	

**E6 - TPN METALCLAD DISTRIBUTION BOARD WITH 1 POLE mcb
UP TO 32A LOAD RATING AND 6kA BREAKING CAPACITY**

Serial No.	DESCRIPTION		BRAND	K.LUMPUR RM/unit	JOHORE RM/unit	P.PINANG RM/unit	PAHANG RM/unit	TERENGGANU RM/unit	SABAH RM/unit	SARAWAK RM/unit
	TYPE	SIZE								
1	TPN 4 WAY mcb DB	A	528.25	537.28	542.26	545.05	550.25	588.75	594.25	
		B	534.03	543.98	548.20	551.00	557.25	595.25	600.75	
2	TPN 6 WAY mcb DB	A	572.63	583.00	587.80	590.85	597.25	638.25	644.25	
		B	576.75	587.33	592.03	595.08	600.75	642.25	648.25	
3	TPN 8 WAY mcb DB	A	618.33	629.59	634.73	637.98	644.33	689.00	695.25	
		B	620.40	631.76	636.85	640.15	646.03	691.00	697.75	
4	TPN 10 WAY mcb DB	A	663.65	676.11	681.28	684.78	691.38	741.25	748.25	
		B	671.48	683.76	689.28	692.85	699.20	748.50	755.50	
5	TPN 12 WAY mcb DB	A	717.28	730.36	736.29	740.08	747.53	800.50	808.25	
		B	718.30	732.46	737.35	741.15	749.25	801.25	809.00	
6	TPN 14 WAY mcb DB	A	771.98	785.64	792.45	796.55	804.15	858.25	866.50	
		B	774.70	788.88	795.09	799.33	808.08	859.50	868.00	
ADDITIONAL ITEMS TO ABOVE										
7	1 pole mcb up to 32A 6kA breaking capacity	A	10.85	11.38	11.45	11.51	11.65	12.05	12.25	
		B	19.15	19.95	20.05	20.16	20.38	21.60	21.93	
8	1 pole mcb up to 50A 6kA breaking capacity	A	25.04	27.09	27.23	27.38	27.68	29.79	30.30	
		B	27.63	28.73	28.88	29.04	29.35	31.25	31.75	
9	3P32A SWITCH FUSE C/W FUSE	B	68.25	68.85	69.19	69.58	70.34	76.00	77.00	
10	3P63A SWITCH FUSE C/W FUSE	B	68.25	69.88	70.30	70.63	71.20	76.15	77.25	

**E6 - TPN METALCLAD DISTRIBUTION BOARD WITH 1 POLE mcb
UP TO 32A LOAD RATING AND 6kA BREAKING CAPACITY**

Serial No.	DESCRIPTION		BRAND	K.LUMPUR RM/length	JOHORE RM/length	P.PINANG RM/length	PAHANG RM/length	TERENGGANU RM/length	SABAH RM/length	SARAWAK RM/length
	TYPE	SIZE								
11	4 POLE 40A 100mA ELCB (RCCD)		A	128.50	128.98	129.65	130.35	134.10	143.00	145.00
			B	149.00	151.71	152.35	153.29	155.43	165.75	168.25
12	4 POLE 63A 100mA ELCB (RCCD)		A	163.83	171.35	172.28	173.23	173.70	182.50	185.00
			B	208.58	216.98	217.88	219.23	222.43	232.00	235.50
13	4 POLE 100A 100mA ELCB (RCCD)		A	332.13	347.43	349.00	351.00	351.75	370.00	375.50
			B	257.70	263.18	263.73	264.50	266.15	287.75	290.00
14	4 POLE 40A 30mA RCCD for socket outlets		A	137.63	144.06	142.00	143.10	143.60	153.25	155.50
			B	171.33	178.20	178.75	180.00	181.13	190.50	193.50
15	4 POLE 63A 30mA RCCD for POWER DB		A	203.13	212.48	213.25	214.75	233.50	226.25	229.75
			B	260.70	271.15	272.25	274.00	275.98	292.00	296.50
16	2 POLE 16A 10mA RCCD for water heater circuit		B	208.63	213.00	213.50	215.00	217.52	236.50	240.75

E7 - 3 pole MCCB with breaking capacity up to 30kA at 380V~

Serial No.	DESCRIPTION		BRAND	K.LUMPUR RM/length	JOHORE RM/length	P.PINANG RM/length	PAHANG RM/length	TERENGGANU RM/length	SABAH RM/length	SARAWAK RM/length
	TYPE	SIZE								
1	100A	EZC100H 30kA	A	265.50	278.33	279.25	281.25	284.25	300.75	305.50
			B	210.70	219.15	219.75	221.25	223.50	236.25	239.75
2	125A	EZC125H 36kA	A	472.80	494.45	496.50	499.50	504.75	534.00	542.25
			B	227.75	236.85	237.75	239.25	241.75	255.75	259.50
3	160A	EZC160H 36kA	A	512.13	535.80	538.25	541.50	547.25	579.00	588.25
			B	419.28	436.08	438.00	440.75	445.50	471.75	479.00
4	250	EZC250H 36kA	A	570.15	596.65	599.75	603.25	610.00	645.25	655.50
			B	539.50	561.10	563.50	567.00	573.25	607.00	616.50
5	400A	EZC400H 50kA	A	1205.75	1261.43	1268.00	1275.25	1289.25	1364.75	1386.50
			B	906.68	943.00	947.50	953.00	963.53	1020.75	1037.00
4 Pole MCCB with Breaking Capacity up to 30kA at 380V~										
6	100A	EZC100H 30kA	A	602.93	630.83	633.75	637.50	644.60	685.75	696.75
			B	444.80	462.60	464.75	467.50	472.70	503.00	510.75
7	125A	EZC125H 36kA	A	663.45	694.13	697.25	701.50	709.25	755.00	767.00
			B	489.50	509.13	511.50	514.50	519.75	553.25	562.00
8	160A	EZC160H 36kA	A	1272.28	1331.08	1337.75	1345.50	1360.25	1448.00	1471.25
			B	937.53	975.10	980.00	985.75	996.50	1061.00	1078.00
9	250	EZC250H 36kA	A	1625.10	1679.15	1687.75	1697.25	1715.75	1827.25	1856.25
			B	1200.35	1248.48	1254.50	1261.75	1275.25	1358.00	1379.75
10	400A	EZC400H 50kA	A	2574.30	2651.93	2650.00	2665.00	2694.00	2869.75	2915.25
			B	1681.38	1748.78	1757.50	1767.50	1786.75	1902.75	1933.25

E8 - 3 pole MCCB with breaking capacity up to 50kA at 380V~

Serial No.	DESCRIPTION		BRAND	K.LUMPUR RM/length	JOHORE RM/length	P.PINANG RM/length	PAHANG RM/length	TERENGGANU RM/length	SABAH RM/length	SARAWAK RM/length
	TYPE	SIZE								
1	100A	NS100H3P70kA	A	526.75	551.10	553.50	556.75	562.93	587.75	593.25
			B	370.35	385.20	386.75	389.25	393.25	412.75	416.50
2	125A	NS125H3P70kA	A	820.10	857.93	862.00	867.00	876.25	914.00	949.00
			B	457.60	475.93	477.75	480.75	486.00	514.75	514.75
3	160A	NS160H3P70kA	A	837.88	877.53	881.75	887.00	878.75	933.75	942.75
			B	574.65	597.70	600.50	604.00	599.25	640.50	646.75
4	250	NS250H3P70kA	A	954.70	998.73	1003.75	1009.50	995.50	1064.00	1074.25
			B	881.13	916.43	921.00	926.25	919.00	982.00	991.25
5	400A	NS400H3P70kA	A	1522.30	1592.58	1600.75	1610.00	1587.75	1696.75	1713.00
			B	1025.83	1066.98	1072.25	1078.50	1070.00	1143.25	1154.25
6	630A	NS630H3P70kA	A	2722.50	2848.25	2863.25	2879.50	2839.75	3035.00	3064.00
			B	1864.40	1939.15	1949.25	1960.25	1944.75	2078.75	2098.50
4 Pole MCCB with Breaking Capacity up to 30kA at 380V~										
7	100A	NS100H4P70kA	A	963.28	1007.80	988.25	1015.50	1026.50	1098.75	1116.50
			B	587.40	610.95	610.95	619.25	625.75	669.50	680.25
8	125A	NS125H4P70kA	A	1321.18	1382.18	1382.18	1387.00	1402.00	1500.50	1524.50
			B	708.73	737.10	737.10	739.00	747.50	800.25	812.98
9	160A	NS160H4P70kA	A	1323.70	1385.03	1385.03	1395.00	1410.25	1509.25	1533.75
			B	972.65	1011.68	1011.68	1025.25	1036.50	1109.50	1127.25
10	250	NS250H4P70kA	A	2592.45	2712.33	2712.33	2746.00	2776.25	2970.75	3019.25
			B	1237.60	1287.20	1287.20	1304.50	1318.75	1411.50	1434.25
11	400A	NS400H4P70kA	A	3040.05	3180.40	3180.40	3219.75	3255.50	3485.00	3541.75
			B	2029.33	2110.68	2110.68	2139.25	2162.75	2315.00	2352.50
12	630A	NS630H4P70kA	A	5070.45	5204.86	5204.86	5345.50	5404.50	5785.25	5879.25
			B	4012.90	4173.75	4173.75	4230.50	4277.25	4578.25	4652.50

**E9 : SELF CONTAINED STARTER TO CONTROL AND PROTECT
SINGLE AND THREE PHASE MOTORS, FITTED WITH
3 POLE AC CONTACTOR, THERMAL OVERLOAD RELAY.
ON/OFF/RESET PUSH BUTTONS, NO VOLT TRIP, INDICATION LIGHTS
AND SINGLE PHASING PROTECTION**

AVERAGE PRICE OF M & E COMPONENTS FOR M & E WORKS

AUGUST 2008

Serial No.	DESCRIPTION		BRAND	K.LUMPUR RM/unit	JOHORE RM/unit	P.PINANG RM/unit	PAHANG RM/unit	TERENGGANU RM/unit	SABAH RM/unit	SARAWAK RM/unit
	TYPE	SIZE								
1	Direct online	single phase motor starter up 2.2 kW in moulded plastic enclosure	A	69.15	71.93	71.93	72.25	74.23	79.38	80.50
			B	67.05	69.73	69.73	70.05	71.95	77.03	78.30
2	Direct online	three phase motor starter up 2.2 kW in moulded plastic enclosure	A	69.15	71.93	71.93	72.25	74.23	79.38	80.68
			B	67.05	69.73	69.73	70.05	71.95	77.00	78.28
3	Direct online	single phase motor starter up 2.2 kW in metalclad enclosure	A	74.50	77.50	77.50	77.88	79.98	85.50	86.90
			B	72.38	75.30	75.30	75.61	77.68	83.00	84.38
4	Direct online	three phase motor starter up 2.2 kW in metalclad enclosure	A	74.50	77.50	77.50	77.88	79.98	85.25	86.65
			B	72.38	75.30	75.30	75.61	77.68	83.00	84.38
5	Star Delta	three phase motor starter up to 7.5kW in metalclad enclosure	A	478.88	497.93	497.93	500.00	513.98	550.25	559.00

E10 - 3 POLES CONTACTOR, AC3 RATED

Serial No.	DESCRIPTION		BRAND	K.LUMPUR RM/unit	JOHORE RM/unit	P.PINANG RM/unit	PAHANG RM/unit	TERENGGANU RM/unit	SABAH RM/unit	SARAWAK RM/unit
	TYPE	SIZE								
1	9A		A	55.58	56.53	56.85	57.15	57.75	61.85	62.84
2	12A		A	73.18	74.33	74.68	75.09	74.10	79.40	70.65
3	16A		A	92.88	94.35	94.43	94.95	95.95	102.65	104.15
4	25A		A	124.70	126.68	127.05	127.75	128.75	137.25	139.25
5	30A		A	161.03	165.63	166.35	167.30	168.80	180.25	183.00
6	45A		A	296.01	300.83	301.90	303.75	306.75	328.50	333.50
7	60A		A	335.40	340.70	342.11	344.00	347.50	371.75	377.50
8	72A		A	452.58	459.73	461.75	464.50	469.25	502.00	509.75
9	85A		A	670.60	681.35	684.50	688.50	695.75	744.75	756.50
10	105A		A	856.65	871.35	875.75	890.48	890.00	955.00	964.35
11	170A		A	1775.90	1803.85	1813.00	1843.20	1842.75	1979.75	1998.88
12	250A		A	2851.98	2896.80	2911.75	2960.03	2959.75	3179.25	3209.95
13	370A		A	3865.63	3969.03	3926.75	4056.55	3991.50	4309.50	4351.18

E11 - LOW VOLTAGE 400V MAIN SWITCHBOARD COMPONENTS

Serial No.	DESCRIPTION		BRAND	K.LUMPUR RM/unit	JOHORE RM/unit	P.PINANG RM/unit	PAHANG RM/unit	TERENGGANU RM/unit	SABAH RM/unit	SARAWAK RM/unit
	TYPE	SIZE								
	4 POLE AIR CIRCUIT BREAKER									
1	1250A		A	8618.05	9007.00	8980.43	9103.75	9202.50	9644.25	9801.50
2	1600A		A	9178.00	9593.98	9635.75	9697.50	9803.25	10308.00	10476.25
3	2000A		A	12453.28	13015.08	13071.58	13155.00	13297.75	13589.50	13816.75
4	2500A		A	14816.53	15497.03	15497.03	15666.75	15840.00	16193.25	16468.75
5	3200A		A	18888.08	19748.90	19853.75	19963.75	20182.75	20630.00	20978.75
	COMBINED EARTH FAULT AND OVER-CURRENT RELAY									
6	800~2000A		A	2751.45	2824.02	2838.54	2854.25	2885.25	3048.25	3054.65
7	2500~3200A		A	3386.40	3475.72	3493.58	3513.00	3551.00	3778.75	3786.50
8	LS OCR-N		B	1777.86	1824.75	1834.15	1844.25	1864.00	1914.75	1932.25

M&E Group : MV Switchgears**F1 : MEDIUM VOLTAGE SWITCHGEARS**

Serial No.	DESCRIPTION			K.LUMPUR RM/unit	JOHORE RM/unit	P.PINANG RM/unit	PAHANG RM/unit	TERENGGANU RM/unit	SABAH RM/unit	SARAWAK RM/unit
	MODEL	BRAND	TYPE							
	11kV SINGLE BUSBAR switchgears									
1	630A 20kA BREAKER	HV12-800	A	46462.50	48970.24	49457.25	49707.00	50207.25	67676.75	62679.50
2	1250A 20kA BREAKER	HV12-1250	A	52875.00	57972.50	58613.00	58942.75	59601.50	66246.35	71572.75
3	2000A 25kA BREAKER	HV12-2000	A	63495.00	68301.25	68666.50	69047.25	69808.00	77552.80	84168.25
	Ring Main Unit									
4	2L + 1T RMU	RMU 1T+2L	A	32805.75	34671.00	34848.50	35034.25	35404.75	38632.25	39213.50
	LV Feeder Pillar									
5	1600A	2IN8OUT	A	11111.63	11975.70	12105.00	12172.00	12305.25	16258.00	14739.50

M&E Group : Transformer**G1 - CAST RESIN TYPE TRANSFORMER**

11kV/433V, Dyn 11 3 phase, 50Hz, 350MVA Indoor Low Loss Type

complete with hot dipped galvanised IP23 steel enclosure, winding temperature monitoring device (WTM), trip and alarm as per JKR specifications.

Serial No.	DESCRIPTION			BRAND	K.LUMPUR RM/unit	JOHORE RM/unit	P.PINANG RM/unit	PAHANG RM/unit	TERENGGANU RM/unit	SABAH RM/unit	SARAWAK RM/unit
	Kva	NO LOAD LOSS	LOAD LOSS								
1	2500	3350w	13900w	A	310101.25	312056.25	313693.00	315397.25	318805.00	326070.75	331416.25
2	2000	2850	12000	A	256875.00	1407983.33	266335.25	267742.75	270557.38	276942.75	281363.25
3	1500	2500	10000	A	216112.50	228165.68	229328.00	230538.50	232959.00	239300.00	243101.75
4	1000	1600	6100	A	164200.00	168309.33	169176.75	170077.75	171879.00	177193.00	180022.25
5	750	1200	5600	A	141087.50	152530.35	153314.25	154130.75	155763.18	160936.25	163500.25

G2 - OIL IMMERSED HERMETICALLY SEALED TYPE TRANSFORMER

11kV/433V, Dyn-11, 3 phase, 50Hz, OUTDOOR WEATHERPROOF PATTERN,

double wound core type with fully insulated windings of the oil immersed

naturally cooled ONAN, hermetically sealed without conservator tank

complete with gauges and protection devices as per JKR specifications.

Serial No.	DESCRIPTION			BRAND	K.LUMPUR RM/set	JOHORE RM/set	P.PINANG RM/set	PAHANG RM/set	TERENGGANU RM/set	SABAH RM/set	SARAWAK RM/set
	Kva	NO LOAD LOSS	LOAD LOSS								
1	2500	3300w	27000w	A	183137.88	193627.53	194598.00	195608.75	197629.50	199185.25	202247.25
2	2000	2800w	25000w	A	155713.93	164153.53	165002.25	165886.25	167653.75	172540.00	175316.00
3	1500	1700w	15000w	A	125466.50	146032.70	145217.50	146032.50	162964.50	166787.50	169778.50
4	1000	1500w	9000w	A	107342.78	114787.25	115376.50	115990.25	117217.25	122346.50	124299.00
5	750	1200w	6000w	A	96257.73	103173.25	103702.75	104254.75	105357.75	110191.50	111947.00

AUGUST 2008

M&E Group : Generator Set**H1 - BARE STANDBY GENERATOR SET 0.8PF, 415V, 50Hz**

Serial No.	DESCRIPTION		BRAND	K.LUMPUR RM/set	JOHORE RM/set	P.PINANG RM/set	PAHANG RM/set	TERENGGANU RM/set	SABAH RM/set	SARAWAK RM/set
	Kva	Model No.								
1	1500	KTA50G8	A	872271.13	917384.85	917136.29	922107.54	937276.63	955902.95	971885.77
2	1000	KTA38G2	A	556282.06	588147.15	587986.37	591198.53	600999.66	612617.46	622944.45
3	750	VTA28H6	A	360737.96	383660.31	383556.30	385627.74	391948.17	399760.43	406419.77
4a	500	KTA19G2	A	222759.99	236913.24	236848.82	238128.01	242030.11	248351.04	252462.39
4b	500	PTV500	B	184539.69	197269.98	197217.91	198255.57	201421.43	207404.91	210740.58
5a	200	BCTAA8.3G	A	110550.69	117565.14	117533.35	118163.85	120087.24	125310.47	127337.11
5b	200	PTV200	B	92269.83	99860.03	99833.22	100364.53	101984.96	107218.04	108925.44
6a	100	BBTA5.9G	A	71094.76	75437.42	75416.26	75824.88	77070.42	82406.84	83719.06
6b	100	PTV100	B	62342.52	66228.75	66211.21	66561.86	67631.38	73365.89	74492.89

M&E Group : Lighting & Earthing**I 1 - LIGHTNING PROTECTION & EARTHING SYSTEM**

Serial No.	DESCRIPTION		BRAND	K.LUMPUR RM/unit	JOHORE RM/unit	P.PINANG RM/unit	PAHANG RM/unit	TERENGGANU RM/unit	SABAH RM/unit	SARAWAK RM/unit
	Kva	Size(mm)								
1	Copper tape	25 x 3	A	44.85/kg	46.85/kg	47.40/kg	46.79/kg	47.28/kg	47.60/kg	48.05/kg
	0.675kg/m		B	47.22/kg	48.28/kg	47.05/kg	48.72/kg	49.25/kg	50.22/kg	50.71/kg
2	Earth rod	16 x 1800	C	34.45	36.66	38.52	37.52	37.85	38.60	38.60
			D	59.58	61.98	61.98	62.65	62.15	63.15	63.98
3	Copper Air terminal c/w base	16 x 500	E	33.75	35.54	36.73	36.30	36.70	37.70	38.18
			F	201.40	200.10	200.10	202.28	203.13	206.75	209.18
4	Tape clips/saddles	25 x 3	E	2.28	2.40	2.40	2.44	2.48	2.55	2.65
			G	13.80	14.40	14.40	14.55	14.68	14.88	15.06
5	Test clamp	26 x 12	E	18.18	18.85	18.54	18.85	19.04	19.40	19.78
			H	114.93	119.53	120.13	120.83	121.93	123.75	124.95
6	Earth rod clamp for tape	big	E	4.33	4.65	4.89	4.75	4.82	5.40	5.42
			I	27.68	28.78	28.93	29.09	29.48	29.83	30.25
7	JKR standards concrete inspection chamber		J	45.13	50.17	50.67	51.18	51.43	51.72	52.02
			K	53.23	54.70	55.00	55.30	55.50	56.50	57.08

M&E Group : Street Lights

J1 - STREET LIGHTING COLUMN - PLANTED TYPE

Serial No.	DESCRIPTION		BRAND	SINGLE ARM						
	HEIGHT (m)	ARM (m)		K.LUMPUR RM/set	JOHORE RM/set	P.PINANG RM/set	PAHANG RM/set	TERENGGANU RM/set	SABAH RM/set	SARAWAK RM/set
1	6	1.5	A	785.50	835.58	827.23	852.01	843.61	985.22	985.72
			B	655.28	706.37	702.79	715.50	723.64	819.62	831.63
2	9	2.5	A	1265.75	1331.07	1312.74	1340.05	1326.66	1483.93	1481.43
			B	1076.13	1141.26	1135.37	1146.10	1170.25	1235.11	1250.68
3	10	2.5	A	1385.00	1456.06	1441.49	1463.59	1449.15	1577.25	1576.81
			B	1178.03	1252.52	1246.09	1254.91	1284.31	1345.53	1370.10
4	12	3	A	1544.70	1746.50	1737.80	1758.20	1715.94	1757.97	1760.47
			B	1464.55	1551.23	1543.41	1577.13	1589.99	1655.04	1663.56
				DOUBLE ARM						
1	6	1.5	A	993.28	1055.49	1034.35	1042.00	1032.65	1227.58	1209.75
			B	888.66	949.29	933.97	875.57	888.13	1064.23	1075.50
2	9	2.5	A	1537.75	1625.20	1592.32	1589.26	1598.16	1762.18	1802.50
			B	1316.64	1390.69	1369.73	1376.36	1382.55	1534.78	1566.50
3	10	2.5	A	1641.50	1737.69	1703.17	1697.56	1706.98	1866.63	1904.75
			B	1431.51	1509.96	1582.66	1478.62	1486.86	1617.23	1619.50
4	12	3	A	1892.25	1994.94	1956.55	2021.57	2032.74	2193.78	2198.75
			B	1724.32	1812.11	1785.20	1811.72	1821.04	1997.70	2000.50

J2 - LANTERNS complete with lamp and control gears

Serial No.	DESCRIPTION		BRAND	K.LUMPUR	JOHORE	P.PINANG	PAHANG	TERENGGANU	SABAH	SARAWAK
	HEIGHT	SIZE		RM/set	RM/set	RM/set	RM/set	RM/set	RM/set	RM/set
1	70	SON	A	229.35	243.50	244.65	246.00	247.55	251.25	253.75
2	150	SON	A	463.63	492.70	495.01	497.75	502.05	510.00	515.25
3	250	SON	A	483.95	514.00	516.63	519.50	523.78	532.25	538.00
4	400	SON	A	735.95	768.00	771.50	776.00	797.78	810.75	819.50

M&E Group : Motor
K1 - 3 PHASE SQUIRREL CAGE INDUCTION MOTOR TOTALLY
ENCLOSED FAN COOLED (TEFC) FOOT MOUNTED ,Class F Insulation,IP55
4 POLES 1500RPM SYNCHRONOUS AT 50Hz

Serial No.	DESCRIPTION		BRAND	K.LUMPUR RM/set	JOHORE RM/set	P.PINANG RM/set	PAHANG RM/set	TERENGGANU RM/set	SABAH RM/set	SARAWAK RM/set
	hp	Kw								
1	1	0.75	A	468.12	494.48	498.46	498.50	503.75	524.25	542.75
			B	425.76	452.60	453.25	453.53	458.25	478.00	494.00
2	3	2.2	A	860.69	897.60	915.25	915.75	925.50	962.50	996.50
			B	689.66	731.73	732.75	733.25	741.50	776.50	804.75
3	5	3.7	A	1179.84	1230.43	1255.25	1255.75	1269.25	1316.75	1363.00
			B	956.29	1019.93	1022.00	1022.38	1034.50	1078.00	1119.25
4	7.5	5.5	A	1524.90	1609.55	1622.00	1622.50	1639.75	1711.50	1771.50
			B	1251.03	1336.38	1339.25	1339.75	1356.00	1410.75	1465.25
5	10	7.5	A	1819.25	1922.63	1937.50	1938.00	1958.75	2045.75	2117.25
			B	1478.95	1573.73	1576.75	1577.25	1595.50	1672.50	1728.25
6	15	11	A	2632.07	2781.25	2802.75	2803.25	2833.50	2950.00	2950.50
			B	2157.70	2305.18	2305.75	2306.25	2334.50	2430.25	2420.75
7	20	15	A	3189.98	3370.38	3331.50	3341.00	3376.50	3531.00	3576.25
			B	2561.68	2727.60	2679.00	2687.00	2718.00	2832.75	2990.25
8	25	18.5	A	3723.62	3923.85	3891.25	3891.75	3933.25	4097.00	4309.50
			B	3122.24	3327.68	3277.00	3277.50	3315.50	3454.00	3502.25
9	30	22	A	4361.97	4612.93	4574.75	4575.25	4624.00	4823.75	4885.25
			B	3557.58	3781.88	3727.75	3728.25	3769.00	3902.50	3954.00
10	40	30	A	6053.19	6430.88	6430.88	6378.75	6449.35	6728.75	7073.00
			B	4783.25	5109.90	5109.90	5038.50	5093.28	5282.00	5560.00
11	50	37	A	7447.23	7842.53	7842.53	7783.88	7870.18	8148.00	8569.00
			B	5665.50	6091.03	6091.03	6004.25	6073.40	6256.25	6591.75
12	60	45	A	9011.59	9400.45	9400.45	9448.00	9549.00	9918.75	10044.75
			B	6501.43	6799.60	6799.60	6798.75	6874.00	7179.75	7278.00
13	75	55	A	10639.80	11121.55	11121.55	11177.75	11297.00	11729.75	11879.00
			B	8108.05	8511.91	8511.91	8554.75	8645.50	8934.50	9048.25
14	100	75	A	12770.05	13308.50	13308.50	13370.00	13513.00	14032.00	14217.50
			B	10582.50	11122.91	11122.91	11178.75	11298.00	11780.75	11930.50

K2 - 3 PHASE SQUIRREL CAGE INDUCTION MOTOR TOTALLY ENCLOSED FAN COOLED (TEFC) FOOT MOUNTED ,Class F Insulation, IP 55, 2 POLES 3000RPM SYNCHRONOUS AT 50Hz

Serial No.	DESCRIPTION		BRAND	K.LUMPUR RM/set	JOHORE RM/set	P.PINANG RM/set	PAHANG RM/set	TERENGGANU RM/set	SABAH RM/set	SARAWAK RM/set
	hp	Kw								
1	1	0.75	A	418.20	448.44	450.75	453.25	458.00	476.25	483.75
			B	392.98	421.90	423.75	426.00	430.00	447.50	454.25
2	3	2.2	A	697.03	738.72	740.52	746.75	754.75	794.00	806.75
			B	571.03	614.58	617.50	621.00	627.50	652.50	662.75
3	5	3.7	A	999.15	1066.09	1071.50	1077.50	1089.25	1137.50	1155.75
			B	882.65	950.26	955.50	961.25	972.50	1014.75	1032.50
4	7.5	5.5	A	1396.30	1500.47	1504.50	1516.75	1533.50	1601.50	1627.75
			B	1229.05	1316.39	1324.25	1332.50	1348.75	1393.75	1419.50
5	10	7.5	A	1660.05	1776.19	1785.50	1795.50	1815.00	1885.00	1916.00
			B	1397.05	1503.87	1512.50	1521.25	1539.00	1591.25	1619.25
6	15	11	A	2470.10	2573.60	2587.25	2628.00	2656.50	2762.75	2808.00
			B	2157.55	2249.93	2263.25	2262.50	2289.75	2369.00	2412.00
7	20	15	A	2977.23	3012.48	3028.00	3122.50	3156.00	3272.25	3325.00
			B	2421.65	2525.23	2540.00	2539.25	2569.25	2682.50	2729.75
8	25	18.5	A	3405.33	3570.60	3589.25	3588.25	3626.25	3759.50	3819.50
			B	2819.45	2967.68	2984.00	2952.00	2984.50	3119.25	3170.50
9	30	22	A	4338.75	4578.68	4582.50	4601.50	4650.25	4825.00	4902.00
			B	3439.25	3604.90	3607.50	3623.00	3661.75	3803.75	3865.00
10	40	30	A	5820.25	6306.57	6155.75	6188.75	6255.15	6455.50	6537.00
			B	4695.00	4979.22	5007.50	5035.25	4952.05	5027.00	5319.25
11	50	37	A	6561.00	7090.17	6920.00	6957.50	7032.15	7181.75	7387.25
			B	5502.75	5820.39	5464.50	5492.25	5750.30	5850.25	5799.25
12	60	45	A	8307.25	9321.11	9089.00	9139.75	9241.95	9466.75	9747.00
			B	6680.50	7171.09	6957.75	6995.50	7068.58	7218.50	7428.25
13	75	55	A	10265.00	11243.78	10969.50	11029.50	11135.28	11335.00	11681.00
			B	7725.00	8381.50	8378.50	8424.50	8517.15	8667.00	8919.75
14	100	75	A	12228.75	13382.56	13053.75	13125.75	13270.30	13470.00	13867.25
			B	9947.50	11085.85	10749.75	10809.00	10930.93	11030.75	11355.25

M&E Group : Ducting Materials

L1 - FIRE RESISTANT ALUMINIUM INSULATION FOIL @ 1 Roll (50 metre)

Serial No.	DESCRIPTION		BRAND	K.LUMPUR RM/Roll	JOHORE RM/Roll	P.PINANG RM/Roll	PAHANG RM/Roll	TERENGGANU RM/Roll	SABAH RM/Roll	SARAWAK RM/Roll
	NO. OF LAYER	TYPE								
1	8 Layers	Perforated	A	330.63	350.88	352.25	354.00	356.58	376.25	382.00
			B	330.63	350.63	352.00	354.25	356.83	376.25	382.00
2	8 Layers	Non Perforated	A	277.43	294.78	279.75	297.75	279.60	288.25	292.75
3	5 Layers	Perforated	A	256.15	269.40	269.25	272.00	274.23	290.75	295.00
4	5 Layers	Non Perforated	A	141.90	175.18	171.25	176.75	173.00	163.25	165.75

L2 - STEEL SHEETS

Serial No.	DESCRIPTION		BRAND	K.LUMPUR RM/Roll	JOHORE RM/Roll	P.PINANG RM/Roll	PAHANG RM/Roll	TERENGGANU RM/Roll	SABAH RM/Roll	SARAWAK RM/Roll
	No. of layers	Kg/sqmm								
1	GI Coil, 0.50		A	5632.40	5821.78	5827.50	5775.25	5838.70	6223.25	6282.50
			B	5632.40	5821.78	5827.50	5775.25	5838.70	6223.25	6282.50
2	GI Coil, 0.50		A	5602.95	5790.98	5803.50	5744.75	5807.75	6168.75	6227.50
			B	5602.95	5790.98	5794.50	5744.75	5807.75	6168.75	6227.50
3	GI Coil, 0.50		A	5458.05	5617.05	5620.00	5572.25	5633.38	6006.25	6071.25
			B	5458.05	5617.05	5620.00	5572.25	5633.38	6006.25	6063.75
4	GI Coil, 0.50		A	5359.43	5511.85	5515.00	5467.75	5527.93	5896.25	5952.50
			B	5359.43	5511.85	5515.00	5467.75	5527.93	5896.25	5952.50
5	GI Coil, 0.50		A	5306.25	5456.55	5470.00	5413.00	5472.43	5814.75	5870.25
			B	5306.25	5425.55	5470.00	5413.00	5472.43	5814.75	5870.25
		unit		RM/Sheet	RM/Sheet	RM/Sheet	RM/Sheet	RM/Sheet	RM/Sheet	RM/Sheet
6	Stainless Steel Sheet, 0.90	4' x 8'	A	342.70	358.20	359.50	361.75	362.60	385.75	391.50
7	Stainless Steel Sheet, 1.00	4' x 8'	A	393.68	411.80	413.50	416.00	419.93	443.75	450.75
8	Stainless Steel Sheet, 1.55	4' x 8'	A	134.05	140.05	140.25	141.25	142.43	145.50	147.50

M&E Group : Pipes

M1 - COPPER TUBES @ 6 metre length

Serial No.	DESCRIPTION		BRAND	K.LUMPUR RM/length	JOHORE RM/length	P.PINANG RM/length	PAHANG RM/length	TERENGGANU RM/length	SABAH RM/length	SARAWAK RM/length
	Diameter (mm)	Thickness (mm)								
1	15	0.7	A	74.38	78.95	79.35	79.78	80.61	83.40	84.50
2	22	0.9	A	139.50	148.28	148.50	149.50	151.00	155.75	158.00
3	28	0.9	A	186.03	197.65	198.00	199.50	201.50	207.50	210.50
4	35	1.2	A	332.20	352.55	354.00	356.00	359.50	372.00	377.75
5	42	1.2	A	411.93	415.03	416.00	418.25	422.25	436.25	442.75
6	54	1.2	A	531.50	541.13	543.25	546.25	574.58	594.50	603.75
7	67	1.2	A	730.85	776.18	779.75	784.00	792.25	819.25	832.25
8	76	1.5	A	1061.90	1126.60	1132.00	1138.25	1150.25	1191.00	1209.75
9	108	1.5	A	1566.20	1662.08	1670.00	1679.25	1696.75	1756.25	1784.25
10	159	2	A	3352.50	3516.38	3534.25	3553.50	3591.25	3699.25	3759.00

M2 - BLACK STEEL PIPE - CLASS B @ 6 metre length

Serial No.	DESCRIPTION		BRAND	K.LUMPUR RM/length	JOHORE RM/length	P.PINANG RM/length	PAHANG RM/length	TERENGGANU RM/length	SABAH RM/length	SARAWAK RM/length
	Diameter (mm)	Thickness (inches)								
1	15	1/2	A	39.53	41.40	41.63	41.88	42.35	45.83	46.55
2	20	3/4	A	50.88	53.28	53.58	53.88	54.55	58.45	59.43
3	25	1	A	76.88	80.45	80.75	81.33	82.23	88.88	90.25
4	32	1 1/4	A	99.93	104.60	104.50	105.50	106.68	114.98	116.50
5	40	1 1/2	A	116.40	121.05	121.25	122.25	123.60	132.75	134.75
6	50	2	A	161.20	168.68	169.25	170.25	172.15	185.75	188.50
7	65	2 1/2	A	205.65	215.20	215.75	217.25	219.50	236.50	240.00
8	80	3	A	267.60	278.70	280.00	281.50	284.63	307.15	310.25
9	100	4	A	392.18	410.40	412.50	414.75	419.38	452.40	459.50
10	125	5	A	527.50	559.93	562.75	566.00	574.58	619.75	629.81
11	150	6	A	629.08	658.15	661.50	665.00	672.38	725.75	718.00

M3 - BLACK STEEL PIPE - CLASS C @ 6 metre length

Serial No.	DESCRIPTION		BRAND	K.LUMPUR RM/length	JOHORE RM/length	P.PINANG RM/length	PAHANG RM/length	TERENGGANU RM/length	SABAH RM/length	SARAWAK RM/length
	Diameter (mm)	Thickness (inches)								
1	15	1/2	A	46.88	49.10	49.25	49.64	50.20	54.30	55.00
2	20	3/4	A	61.00	63.90	64.00	64.63	65.35	70.71	71.88
3	25	1	A	94.38	98.73	99.25	99.83	100.93	108.75	110.50
4	32	1 1/4	A	120.93	119.03	126.50	127.58	128.98	138.75	140.98
5	40	1 1/2	A	140.43	146.95	147.50	148.58	150.00	161.50	163.75
6	50	2	A	204.70	214.45	215.50	216.88	219.00	234.50	238.25
7	65	2 1/2	A	256.10	268.05	269.25	271.00	273.75	294.00	298.50
8	80	3	A	329.15	344.90	346.50	348.50	352.25	378.50	384.25
9	100	4	A	463.25	484.65	487.25	489.75	495.00	535.75	544.00
10	125	5	A	571.48	594.38	596.00	589.63	606.00	652.25	662.50
11	150	6	A	682.53	714.18	725.50	704.00	737.75	795.75	808.25
12	200	8	A	1060.08	1109.18	1106.00	1093.50	1124.50	1211.50	1230.50
13	250	10	A	1494.85	1564.10	1569.50	1542.25	1595.75	1722.25	1749.75
14	300	12	A	1862.05	1948.03	1955.00	1921.00	1988.00	2146.50	2153.25
15	350	14	A	2377.30	2472.58	2481.50	2452.75	2522.75	2697.75	2741.00

M4 - GI PIPE-CLASS B@6 metre length

Serial No.	DESCRIPTION		BRAND	K.LUMPUR RM/length	JOHORE RM/length	P.PINANG RM/length	PAHANG RM/length	TERENGGANU RM/length	SABAH RM/length	SARAWAK RM/length
	Diameter (mm)	Thickness (inches)								
1	15	1/2	A	50.55	52.60	53.68	52.00	55.45	60.15	61.13
2	20	3/4	A	65.18	68.23	61.75	67.00	63.80	69.30	72.81
3	25	1	A	100.83	105.53	107.25	103.75	110.68	117.75	119.25
4	32	1 1/4	A	129.05	135.05	137.50	133.00	141.58	152.25	154.50
5	40	1 1/2	A	148.45	154.95	158.00	153.00	162.83	175.75	178.25
6	50	2	A	209.55	219.25	223.50	216.00	230.08	248.00	252.00
7	65	2 1/2	A	267.20	275.25	284.75	275.25	293.00	314.75	319.75
8	80	3	A	347.90	364.03	365.75	367.75	371.73	397.75	401.25
9	100	4	A	507.10	530.55	533.25	536.25	542.00	582.75	585.50
10	125	5	A	689.33	723.68	727.25	731.50	739.25	797.75	798.75
11	150	6	A	818.35	840.20	844.50	849.00	858.00	926.00	949.25

M5 - GI PIPE-CLASS C @6 metre length

Serial No.	DESCRIPTION		BRAND	K.LUMPUR RM/length	JOHORE RM/length	P.PINANG RM/length	PAHANG RM/length	TERENGGANU RM/length	SABAH RM/length	SARAWAK RM/length
	Diameter (mm)	Thickness (inches)								
1	15	1/2	A	60.30	61.90	61.55	62.38	63.08	68.00	69.03
2	20	3/4	A	78.50	80.60	80.15	80.75	81.63	88.25	89.38
3	25	1	A	122.95	126.20	125.55	126.50	127.88	138.50	140.00
4	32	1 1/4	A	158.03	161.90	175.60	162.88	164.50	178.50	180.45
5	40	1 1/2	A	182.98	187.85	186.85	188.50	190.50	206.50	208.25
6	50	2	A	257.85	264.70	263.25	266.00	268.73	290.75	293.50
7	65	2 1/2	A	329.35	342.83	336.28	339.50	343.00	372.00	375.50
8	80	3	A	432.03	443.59	441.15	445.75	450.25	488.50	493.00
9	100	4	A	607.20	623.43	620.03	626.50	633.00	686.00	692.75
10	125	5	A	748.80	783.60	787.38	792.00	800.75	865.00	878.50
11	150	6	A	885.15	926.10	930.50	936.00	946.40	1021.50	1037.50
12	200	8	A	1350.45	1413.03	1420.25	1428.50	1444.25	1561.25	1586.25
13	250	10	A	1898.85	1986.65	1997.00	2008.50	2030.75	2173.50	2208.25
14	300	12	A	2372.18	2481.78	2481.25	2495.25	2522.50	2701.50	2744.75
15	350	14	A	3026.43	3166.15	3183.00	3201.00	3236.25	3468.25	3524.25

M6 - PRE - INSULATED PIPE - CLASS B @ 6 metre length

Serial No.	DESCRIPTION		BRAND	K.LUMPUR RM/length	JOHORE RM/length	P.PINANG RM/length	PAHANG RM/length	TERENGGANU RM/length	SABAH RM/length	SARAWAK RM/length
	Diameter (mm)	Thickness (inches)								
1	15	1/2	A	107.88	113.25	112.50	113.50	114.73	119.00	120.20
2	20	3/4	A	150.60	158.20	157.75	158.75	160.48	166.25	168.00
3	25	1	A	181.15	190.05	189.50	190.75	192.83	199.75	201.75
4	32	1 1/4	A	233.53	245.30	244.75	246.25	248.50	256.50	259.00
5	40	1 1/2	A	248.83	261.25	260.75	262.50	265.35	275.75	278.25
6	50	2	A	338.58	355.75	355.25	357.50	361.45	373.00	377.00
7	65	2 1/2	A	376.48	395.50	395.00	397.50	401.75	418.25	422.25
8	80	3	A	462.45	486.80	485.25	488.25	493.43	510.50	515.50
9	100	4	A	629.65	662.46	661.00	664.75	671.80	696.75	703.50
10	125	5	A	863.53	909.04	907.00	912.00	921.50	955.00	964.00
11	150	6	A	1032.83	1120.00	1122.00	1128.50	1140.50	1177.50	1193.00

M7 - PRE - INSULATED PIPE - CLASS C (JIS 7.9mm) @ 6 metre length

Serial No.	DESCRIPTION		BRAND	K.LUMPUR RM/length	JOHORE RM/length	P.PINANG RM/length	PAHANG RM/length	TERENGGANU RM/length	SABAH RM/length	SARAWAK RM/length
	Diameter (mm)	Thickness (inches)								
1	15	1/2	A	116.88	122.46	122.00	123.00	124.33	129.00	130.25
2	20	3/4	A	157.25	165.40	165.00	166.00	167.75	173.00	174.75
3	25	1	A	195.50	205.68	205.00	206.50	208.70	215.50	217.75
4	32	1 1/4	A	251.81	264.98	264.50	266.00	268.50	279.00	281.75
5	40	1 1/2	A	270.94	285.10	284.50	286.25	289.00	300.50	303.25
6	50	2	A	367.63	386.35	385.50	388.00	317.00	405.25	409.00
7	65	2 1/2	A	422.88	444.58	444.25	446.75	451.25	467.75	473.75
8	80	3	A	536.56	615.05	563.50	566.75	572.50	593.00	598.75
9	100	4	A	715.06	751.40	745.50	749.73	757.50	791.25	795.75
10	125	5	A	908.98	959.83	955.00	960.50	970.50	1006.75	1016.50
11	150	6	A	1093.60	1150.85	1185.50	1192.25	1205.00	1242.00	1262.25
12	200	8	A	1581.75	1667.31	1714.50	1724.25	1742.75	1801.75	1831.00
13	250	10	A	2131.75	2242.98	2311.00	2323.75	2348.75	2430.25	2498.50
14	300	12	A	2616.43	2752.88	2870.50	2886.75	2918.25	3019.75	3069.50
15	350	14	A	3220.94	3387.35	3532.50	3552.25	3591.00	3704.50	3766.00