

**THE PROPOSED INTERIOR FITTING OUT WORKS FOR GOOGLE OFFICE AT MENARA ETIQA,
KUALA LUMPUR**

FINANCIAL SUMMARIES

1 GENERAL

All sections of the following summaries and schedules must be fully completed for the tender submission.

The descriptions given for any items in the summaries are not intended as complete description of the items but merely as indicating their extent. All details of the various items are to be as given in the Specification and as shown on the Contract Drawings.

The sum entered against each item shall include the due proportion of labour, overhead charges and profit, it shall contain all items such as shop drawing preparation and testing and commissioning and shall represent the value of the particular item installed, complete with all accessories and set to work as part of the Contract Works.

The "Total" of the items listed below in the "Financial Summary" is to be given by the tenderer in the tender offer.

The Scope of Work shall include the supply, delivery, installation, testing, commissioning and subsequent preventive maintenance for Twelve (12) months

**THE PROPOSED INTERIOR FITTING OUT WORKS FOR GOOGLE OFFICE AT MENARA ETIQA,
KUALA LUMPUR**

CONTRACT WORKS FOR MECHANICAL AND ELECTRICAL SERVICES

FINAL SUMMARY

		<u>PAGE NO.</u>	<u>PRICE (RM)</u>
A	Preliminaries	SOP/PL/1
B	Electrical work Installation	SOP/ELEC/48
C	Air Conditioning Mechanical Ventilation Installation	SOP/ACMV/9
D	Fire Protection Installation	SOP/FIRE/5
E	Plumbing and Sanitary Installation	SOP/CWSP/4
F	Building Management System	SOP/BMS/3

TOTAL TENDER SUM

RM _____

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TENDER SUM IN WORD (RINGGIT MALAYSIA)

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Signature of
Tenderer:

Signature of
Witness:

Name of Tenderer:

Name of Witness:

Position:

Position:

NRIC No.:

NRIC No.:

Company:

Company:

Address:

Address:

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.....

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Date:

Date:

FORM OF TENDER

SECTION A

FINANCIAL SUMMARY

**GOOGLE @ MENARA ETIQA
MECHANICAL AND ELECTRICAL SYSTEM WORKS
PRELIMINARIES**

NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
1	Samples & Catalogue that will be used in the project which includes all material, component and etc.	1	L/S	
2	O&M manuals (hardcopy & softcopy in CD, including AutoCAD files) samples, coordinated services drawings. All drawings to be drawn using Acad Rel 2019 in CD / DVD and USB flash drive.	1	L/S	
3	Project management, co-ordination and supervision which must include a full time competent site supervisor for the duration of the works.	1	L/S	
4	To carry out detail M&E Dilapidation Survey and Report during handover of site from landlord to client including testing of all existing M&E services. The Dilapidation Survey Report must include measuring of existing room temperature, measuring of existing each diffuser air flow, measuring of existing AHU on/off coil temperature, measuring of existing AHU supply/return chilled water temperature, measuring of existing AHU total supply/return air flow and etc.	1	L/S	
5	Water and Electricity for dilapidation survey, construction, testing and commissioning	1	L/S	
6	Cleaning of existing services, fittings, and components to ensure handover in clean condition.	1	L/S	
7	Coring on floors and walls for openings as require and making good of any openings including sealing back with approved fire barrier where applicable.	1	L/S	
8	Miscellaneous requirements including other items not listed above but which will be required for the complete installation:- a. _____ b. _____ c. _____			
SUB-TOTAL FOR PRELIMINARIES				

**GOOGLE @ MENARA ETIQA
ELECTRICAL SYSTEM WORKS
ELECTRICAL SYSTEM INSTALLATION**

NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
	<u>ELECTRICAL SYSTEM INSTALLATION</u>			
	<u>i. Level 12</u>			
1	Supply and installation of new light fixtures, namely as per shown in drawings :			
a.	1200mm x 300mm, minimum 33W recessed LED panel with dimmable DALI driver, LED lamp and driver life to be of minimum 50,000 hours, lumens to be minimum 4000lm, compatible with programmable lighting control system. (F4)	1	L/S	
b.	Slim recessed type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
c.	Slim recessed directional type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
d.	Recessed type 3W LED emergency light (UFO Type) c/w battery pack	1	L/S	
2	Relocation of existing base building light fittings to new location for the below light fitting as per drawings.			
a.	Recessed type 3W LED surface or recessed mounted emergency light c/w battery pack	1	L/S	
b.	Slim recessed type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
3	Installation of new light fixtures, namely as per shown in drawings :			
a.	1200 mm 1 x 15 W suspended light with dimmable driver (DL1)	1	L/S	
b.	2 x 12.9 W recessed adjustable downlight with dimmable driver (DL2)	1	L/S	
c.	1200 mm x 55 mm 1 x 21 W suspended linear light with dimmable driver (DL3)	1	L/S	
d.	1 x 15 W LED recessed downlight with dimmable driver (DL4)	1	L/S	
e.	1 x 13 W LED wall washer with dimmable driver (DL5)	1	L/S	
f.	925 mm x 600 mm 1 x 21 W recessed linear light with dimmable driver (DL6)	1	L/S	
g.	500 mm diameter 1 x 6 W recessed downlight with dimmable driver(DL7)	1	L/S	
h.	2 x 21 W suspended linear light with dimmable driver (DL8)	1	L/S	
i.	LED cove light with dimmable driver	1	L/S	
j.	1 x 14 W LED glass pendant light with dimmable driver (PL1)	1	L/S	
k.	1 x 14 W LED decorative pendant light with dimmable driver (PL2)	1	L/S	
l.	1 x 14 W LED decorative pendant light with dimmable driver (PL23a)	1	L/S	
m.	1 x 14 W LED decorative pendant light with dimmable driver (PL23b)	1	L/S	
n.	1 x 14 W LED decorative pendant light with dimmable driver (PL24a)	1	L/S	
	AMOUNT CARRIED FORWARD			

**GOOGLE @ MENARA ETIQA
ELECTRICAL SYSTEM WORKS
ELECTRICAL SYSTEM INSTALLATION**

AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
o.	1 x 14 W LED decorative pendant ligh with dimmable driver (PL24b)	1	L/S	
p.	1 x 9 W LED decorative pendant light with dimmable driver (PL24c)	1	L/S	
q.	1 x 14 W LED decorative pendant light with dimmable driver (PL24d)	1	L/S	
r.	LED decorative pendant light with dimmable driver (PL24e)	1	L/S	
s.	1 x 14 W LED decorative pendant light with dimmable driver (PL24f)	1	L/S	
t.	1 x 14 W LED decorative pendant light with dimmable driver (PL34a)	1	L/S	
u.	1 x 14 W LED decorative pendant light with dimmable driver (PL34b)	1	L/S	
v.	LED decorative pendant light with dimmable driver (PL34b)	1	L/S	
w.	1 x 14 W decorative wall light (WL1)	1	L/S	
x.	1 x 6 W decotative wall light (WL2)	1	L/S	
y.	Decorative wall light (WL3)	1	L/S	
4	Supply and install new lighting point using 2 x 2.5 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, i.e. switches, etc for all light fixtures including new fixtures, existing fixtures and new ID fixtures as per shown in the drawing.	1	L/S	
5	Supply and install new programmable lighting control system (DALI / wireless) c/w necessary accessories, i.e. lux / motion sensor with sufficient coverage for all areas, manual control switches for all enclosed rooms, etc for all light fixtures including new fixtures, and new ID fiixtures as per shown in the drawing. All network cabling, where required for the system shall be by Client, and information to be provided by contractor for coordination.	1	L/S	
6	Relocation of existing ceiling speaker to new location, new support bracket c/w GI conduit for speaker cables shall be deemed inclusive.	1	L/S	
7	Supply and install new 13A Single Switch Socket Outlet (Radial) using 2 x 4 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
8	Supply and install new 13A Single Switch Socket Outlet (Ring) using 2 x 4 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
9	Supply and install new 16 A single phase commando socket for AV system complies to EMEA and APAC IEC 60309 using 2 x 4 sq. mm PVC/PVC cu. cable + E in M.S. trunking c/w necessary accessories as per shown in the drawing.	1	L/S	
AMOUNT CARRIED FORWARD				

**GOOGLE @ MENARA ETIQA
ELECTRICAL SYSTEM WORKS
ELECTRICAL SYSTEM INSTALLATION**

AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
10	Supply and install new 16 A single phase commando socket complies to IEC 60309 using 2 x 4 sq. mm PVC/PVC cu. cable + E in M.S. trunking c/w necessary accessories as per shown in the drawing.	1	L/S	
11	Supply and install power module with Sirim approved 6 socket outlets (British Standard), starter cable & connector cable. (all 2.5mm sq wiring) with options for 90 degree / 180 degree angle of socket. (For all areas except system furniture and meeting rooms)	1	L/S	
12	Supply and install power module with Sirim approved 6 socket outlets (British Standard), starter cable & connector cable. (all 2.5mm sq wiring) with options for 90 degree / 180 degree angle of socket. (For all areas except system furniture and meeting rooms)	1	L/S	
13	Testing & commissioning for electrical system.	1	L/S	
ii. <u>Level 13</u>				
1	Supply and installation of new light fixtures, namely as per shown in drawings :			
a.	1200mm x 300mm, minimum 33W recessed LED panel with dimmable DALI driver, LED lamp and driver life to be of minimum 50,000 hours, lumens to be minimum 4000lm, compatible with programmable lighting control system. (F4)	1	L/S	
b.	Slim recessed type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
c.	Slim recessed directional type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
d.	Recessed type 3W LED emergency light (UFO Type) c/w battery pack	1	L/S	
2	Relocation of existing base building light fittings to new location for the below light fitting as per drawings.			
a.	Recessed type 3W LED surface or recessed mounted emergency light c/w battery pack	1	L/S	
b.	Slim recessed type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
3	Installation of new light fixtures, namely as per shown in drawings :			
a.	1200 mm 1 x 15 W suspended light with dimmable driver (DL1)	1	L/S	
b.	2 x 12.9 W recessed adjustable downlight with dimmable driver (DL2)	1	L/S	
c.	1200 mm x 55 mm 1 x 21 W suspended linear light with dimmable driver (DL3)	1	L/S	
d.	1 x 15 W LED recessed downlight with dimmable driver (DL4)	1	L/S	
e.	1 x 13 W LED wall washer with dimmable driver (DL5)	1	L/S	
f.	925 mm x 600 mm 1 x 21 W recessed linear light with dimmable driver (DL6)	1	L/S	
AMOUNT CARRIED FORWARD				

**GOOGLE @ MENARA ETIQA
ELECTRICAL SYSTEM WORKS
ELECTRICAL SYSTEM INSTALLATION**

AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
g.	500 mm diameter 1 x 6 W recessed downlight with dimmable driver(DL7)	1	L/S	
h.	2 x 21 W suspended linear light with dimmable driver (DL8)	1	L/S	
i.	LED cove light with dimmable driver	1	L/S	
j.	1 x 14 W LED glass pendant light with dimmable driver (PL1)	1	L/S	
k.	1 x 14 W LED decorative pendant light with dimmable driver (PL2)	1	L/S	
l.	1 x 14 W LED decorative pendant light with dimmable driver (PL23a)	1	L/S	
m.	1 x 14 W LED decorative pendant light with dimmable driver (PL23b)	1	L/S	
n.	1 x 14 W LED decorative pendant light with dimmable driver (PL24a)	1	L/S	
o.	1 x 14 W LED decorative pendant light with dimmable driver (PL24b)	1	L/S	
p.	1 x 9 W LED decorative pendant light with dimmable driver (PL24c)	1	L/S	
q.	1 x 14 W LED decorative pendant light with dimmable driver (PL24d)	1	L/S	
r.	LED decorative pendant light with dimmable driver (PL24e)	1	L/S	
s.	1 x 14 W LED decorative pendant light with dimmable driver (PL24f)	1	L/S	
t.	1 x 14 W LED decorative pendant light with dimmable driver (PL34a)	1	L/S	
u.	1 x 14 W LED decorative pendant light with dimmable driver (PL34b)	1	L/S	
v.	LED decorative pendant light with dimmable driver (PL34b)	1	L/S	
w.	1 x 14 W decorative wall light (WL1)	1	L/S	
x.	1 x 6 W decorative wall light (WL2)	1	L/S	
y.	Decorative wall light (WL3)	1	L/S	
4	Supply and install new lighting point using 2 x 2.5 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, i.e. switches, etc for all light fixtures including new fixtures, existing fixtures and new ID fixtures as per shown in the drawing.	1	L/S	
5	Supply and install new programmable lighting control system (DALI / wireless) c/w necessary accessories, i.e. lux / motion sensor with sufficient coverage for all areas, manual control switches for all enclosed rooms, etc for all light fixtures including new fixtures, and new ID fixtures as per shown in the drawing. All network cabling, where required for the system shall be by Client, and information to be provided by contractor for coordination.	1	L/S	
6	Relocation of existing ceiling speaker to new location, new support bracket c/w GI conduit for speaker cables shall be deemed inclusive.	1	L/S	
AMOUNT CARRIED FORWARD				

**GOOGLE @ MENARA ETIQA
ELECTRICAL SYSTEM WORKS
ELECTRICAL SYSTEM INSTALLATION**

AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
7	Supply and install new 13A Single Switch Socket Outlet (Radial) using 2 x 4 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
8	Supply and install new 13A Single Switch Socket Outlet (Ring) using 2 x 4 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
9	Supply and install new 15A Single Switch Socket Outlet (Radial) using 2 x 4 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
10	Supply and install new 16 A single phase commando socket for AV system complies to EMEA and APAC IEC 60309 using 2 x 4 sq. mm PVC/PVC cu. cable + E in M.S. trunking c/w necessary accessories as per shown in the drawing.	1	L/S	
11	Supply and install new 16 A single phase commando socket complies to IEC 60309 using 2 x 4 sq. mm PVC/PVC cu. cable + E in M.S. trunking c/w necessary accessories as per shown in the drawing.	1	L/S	
12	Supply and install power module with Sirim approved 6 socket outlets (British Standard), starter cable & connector cable. (all 2.5mm sq wiring) with options for 90 degree / 180 degree angle of socket. (For all areas except system furniture and meeting rooms)	1	L/S	
13	Supply and install power module with Sirim approved 6 socket outlets (British Standard), starter cable & connector cable. (all 2.5mm sq wiring) with options for 90 degree / 180 degree angle of socket. (For all areas except system furniture and meeting rooms)	1	L/S	
14	Testing & commissioning for electrical system.	1	L/S	
iii.	<u>Level 17</u>			
1	Supply and installation of new light fixtures, namely as per shown in drawings :			
a.	1200mm x 300mm, minimum 33W recessed LED panel with dimmable DALI driver, LED lamp and driver life to be of minimum 50,000 hours, lumens to be minimum 4000lm, compatible with programmable lighting control system. (F4)	1	L/S	
b.	Slim recessed type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
c.	Slim recessed directional type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
d.	Recessed type 3W LED emergency light (UFO Type) c/w battery pack	1	L/S	
AMOUNT CARRIED FORWARD				

**GOOGLE @ MENARA ETIQA
ELECTRICAL SYSTEM WORKS
ELECTRICAL SYSTEM INSTALLATION**

AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
2	Relocation of existing base building light fittings to new location for the below light fitting as per drawings.			
a.	Recessed type 3W LED surface or recessed mounted emergency light c/w battery pack	1	L/S	
b.	Slim recessed type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
3	Installation of new light fixtures, namely as per shown in drawings :			
a.	1200 mm 1 x 15 W suspended light with dimmable driver (DL1)	1	L/S	
b.	2 x 12.9 W recessed adjustable downlight with dimmable driver (DL2)	1	L/S	
c.	1200 mm x 55 mm 1 x 21 W suspended linear light with dimmable driver (DL3)	1	L/S	
d.	1 x 15 W LED recessed downlight with dimmable driver (DL4)	1	L/S	
e.	1 x 13 W LED wall washer with dimmable driver (DL5)	1	L/S	
f.	925 mm x 600 mm 1 x 21 W recessed linear light with dimmable driver (DL6)	1	L/S	
g.	500 mm diameter 1 x 6 W recessed downlight with dimmable driver(DL7)	1	L/S	
h.	2 x 21 W suspended linear light with dimmable driver (DL8)	1	L/S	
i.	LED cove light with dimmable driver	1	L/S	
j.	1 x 14 W LED glass pendant light with dimmable driver (PL1)	1	L/S	
k.	1 x 14 W LED decorative pendant light with dimmable driver (PL2)	1	L/S	
l.	1 x 14 W LED decorative pendant light with dimmable driver (PL23a)	1	L/S	
m.	1 x 14 W LED decorative pendant light with dimmable driver (PL23b)	1	L/S	
n.	1 x 14 W LED decorative pendant light with dimmable driver (PL24a)	1	L/S	
o.	1 x 14 W LED decorative pendant ligh with dimmable driver (PL24b)	1	L/S	
p.	1 x 9 W LED decorative pendant light with dimmable driver (PL24c)	1	L/S	
q.	1 x 14 W LED decorative pendant light with dimmable driver (PL24d)	1	L/S	
r.	LED decorative pendant light with dimmable driver (PL24e)	1	L/S	
s.	1 x 14 W LED decorative pendant light with dimmable driver (PL24f)	1	L/S	
t.	1 x 14 W LED decorative pendant light with dimmable driver (PL34a)	1	L/S	
u.	1 x 14 W LED decorative pendant light with dimmable driver (PL34b)	1	L/S	
v.	LED decorative pendant light with dimmable driver (PL34b)	1	L/S	
w.	1 x 14 W decorative wall light (WL1)	1	L/S	
x.	1 x 6 W decotative wall light (WL2)	1	L/S	
y.	Decotative wall light (WL3)	1	L/S	
AMOUNT CARRIED FORWARD				

**GOOGLE @ MENARA ETIQA
ELECTRICAL SYSTEM WORKS
ELECTRICAL SYSTEM INSTALLATION**

AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
4	Supply and install new lighting point using 2 x 2.5 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, i.e. switches, etc for all light fixtures including new fixtures, existing fixtures and new ID fixtures as per shown in the drawing.	1	L/S	
5	Supply and install new programmable lighting control system (DALI / wireless) c/w necessary accessories, i.e. lux / motion sensor with sufficient coverage for all areas, manual control switches for all enclosed rooms, etc for all light fixtures including new fixtures, and new ID fixtures as per shown in the drawing. All network cabling, where required for the system shall be by Client, and information to be provided by contractor for coordination.	1	L/S	
6	Relocation of existing ceiling speaker to new location, new support bracket c/w GI conduit for speaker cables shall be deemed inclusive.	1	L/S	
7	Supply and install new 13A Single Switch Socket Outlet (Radial) using 2 x 4 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
8	Supply and install new 13A Single Switch Socket Outlet (Ring) using 2 x 4 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
9	Supply and install new 16 A single phase commando socket for AV system complies to EMEA and APAC IEC 60309 using 2 x 4 sq. mm PVC/PVC cu. cable + E in M.S. trunking c/w necessary accessories as per shown in the drawing.	1	L/S	
10	Supply and install new 16 A single phase commando socket complies to IEC 60309 using 2 x 4 sq. mm PVC/PVC cu. cable + E in M.S. trunking c/w necessary accessories as per shown in the drawing.	1	L/S	
11	Supply and install power module with Sirim approved 6 socket outlets (British Standard), starter cable & connector cable. (all 2.5mm sq wiring) with options for 90 degree / 180 degree angle of socket. (For all areas except system furniture and meeting rooms)	1	L/S	
12	Supply and install power module with Sirim approved 6 socket outlets (British Standard), starter cable & connector cable. (all 2.5mm sq wiring) with options for 90 degree / 180 degree angle of socket. (For all areas except system furniture and meeting rooms)	1	L/S	
13	Testing & commissioning for electrical system.	1	L/S	
AMOUNT CARRIED FORWARD				

**GOOGLE @ MENARA ETIQA
ELECTRICAL SYSTEM WORKS
ELECTRICAL SYSTEM INSTALLATION**

AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
iv.	Level 18			
1	Supply and installation of new light fixtures, namely as per shown in drawings :			
a.	1200mm x 300mm, minimum 33W recessed LED panel with dimmable DALI driver, LED lamp and driver life to be of minimum 50,000 hours, lumens to be minimum 4000lm, compatible with programmable lighting control system. (F4)	1	L/S	
b.	Slim recessed type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
c.	Slim recessed directional type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
d.	Recessed type 3W LED emergency light (UFO Type) c/w battery pack	1	L/S	
2	Relocation of existing base building light fittings to new location for the below light fitting as per drawings.			
a.	Recessed type 3W LED surface or recessed mounted emergency light c/w battery pack	1	L/S	
b.	Slim recessed type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
3	Installation of new light fixtures, namely as per shown in drawings :			
a.	1200 mm 1 x 15 W suspended light with dimmable driver (DL1)	1	L/S	
b.	2 x 12.9 W recessed adjustable downlight with dimmable driver (DL2)	1	L/S	
c.	1200 mm x 55 mm 1 x 21 W suspended linear light with dimmable driver (DL3)	1	L/S	
d.	1 x 15 W LED recessed downlight with dimmable driver (DL4)	1	L/S	
e.	1 x 13 W LED wall washer with dimmable driver (DL5)	1	L/S	
f.	925 mm x 600 mm 1 x 21 W recessed linear light with dimmable driver (DL6)	1	L/S	
g.	500 mm diameter 1 x 6 W recessed downlight with dimmable driver(DL7)	1	L/S	
h.	2 x 21 W suspended linear light with dimmable driver (DL8)	1	L/S	
i.	LED cove light with dimmable driver	1	L/S	
j.	1 x 14 W LED glass pendant light with dimmable driver (PL1)	1	L/S	
k.	1 x 14 W LED decorative pendant light with dimmable driver (PL2)	1	L/S	
l.	1 x 14 W LED decorative pendant light with dimmable driver (PL23a)	1	L/S	
m.	1 x 14 W LED decorative pendant light with dimmable driver (PL23b)	1	L/S	
n.	1 x 14 W LED decorative pendant light with dimmable driver (PL24a)	1	L/S	
o.	1 x 14 W LED decorative pendant ligh with dimmable driver (PL24b)	1	L/S	
p.	1 x 9 W LED decorative pendant ligh with dimmable driver (PL24c)	1	L/S	
q.	1 x 14 W LED decorative pendant light with dimmable driver (PL24d)	1	L/S	
r.	LED decorative pendant light with dimmable driver (PL24e)	1	L/S	
s.	1 x 14 W LED decorative pendant light with dimmable driver (PL24f)	1	L/S	
t.	1 x 14 W LED decorative pendant light with dimmable driver (PL34a)	1	L/S	
u.	1 x 14 W LED decorative pendant light with dimmable driver (PL34b)	1	L/S	
v.	LED decorative pendant light with dimmable driver (PL34b)	1	L/S	
w.	1 x 14 W decorative wall light (WL1)	1	L/S	
AMOUNT CARRIED FORWARD				

**GOOGLE @ MENARA ETIQA
ELECTRICAL SYSTEM WORKS
ELECTRICAL SYSTEM INSTALLATION**

AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
x.	1 x 6 W decotative wall light (WL2)	1	L/S	
y.	Decotative wall light (WL3)	1	L/S	
4	Supply and install new lighting point using 2 x 2.5 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, i.e. switches, etc for all light fixtures including new fixtures, existing fixtures and new ID fixtures as per shown in the drawing.	1	L/S	
5	Supply and install new programmable lighting control system (DALI / wireless) c/w necessary accessories, i.e. lux / motion sensor with sufficient coverage for all areas, manual control switches for all enclosed rooms, etc for all light fixtures including new fixtures, and new ID fiixtures as per shown in the drawing. All network cabling, where required for the system shall be by Client, and information to be provided by contractor for coordination.	1	L/S	
6	Relocation of existing ceiling speaker to new location, new support bracket c/w GI conduit for speaker cables shall be deemed inclusive.	1	L/S	
7	Supply and install new 13A Single Switch Socket Outlet (Radial) using 2 x 4 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
8	Supply and install new 13A Single Switch Socket Outlet (Ring) using 2 x 4 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
9	Supply and install new 16 A single phase commando socket for AV system complies to EMEA and APAC IEC 60309 using 2 x 4 sq. mm PVC/PVC cu. cable + E in M.S. trunking c/w necessary accessories as per shown in the drawing.	1	L/S	
10	Supply and install new 16 A single phase commando socket complies to IEC 60309 using 2 x 4 sq. mm PVC/PVC cu. cable + E in M.S. trunking c/w necessary accessories as per shown in the drawing.	1	L/S	
11	Supply and install power module with Sirim approved 6 socket outlets (British Standard), starter cable & connector cable. (all 2.5mm sq wiring) with options for 90 degree / 180 degree angle of socket. (For all areas	1	L/S	
12	Supply and install power module with Sirim approved 6 socket outlets (British Standard), starter cable & connector cable. (all 2.5mm sq wiring) with options for 90 degree / 180 degree angle of socket. (For all areas	1	L/S	
13	Testing & commissioning for electrical system.	1	L/S	
AMOUNT CARRIED FORWARD				

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ELECTRICAL SYSTEM WORKS
ELECTRICAL SYSTEM INSTALLATION**

AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
v.	Level 19			
1	Supply and installation of new light fixtures, namely as per shown in drawings :			
a.	1200mm x 300mm, minimum 33W recessed LED panel with dimmable DALI driver, LED lamp and driver life to be of minimum 50,000 hours, lumens to be minimum 4000lm, compatible with programmable lighting control system. (F4)	1	L/S	
b.	Slim recessed type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
c.	Slim recessed directional type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
d.	Recessed type 3W LED emergency light (UFO Type) c/w battery pack	1	L/S	
2	Relocation of existing base building light fittings to new location for the below light fitting as per drawings.			
a.	Recessed type 3W LED surface or recessed mounted emergency light c/w battery pack	1	L/S	
b.	Slim recessed type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
3	Installation of new light fixtures, namely as per shown in drawings :			
a.	1200 mm 1 x 15 W suspended light with dimmable driver (DL1)	1	L/S	
b.	2 x 12.9 W recessed adjustable downlight with dimmable driver (DL2)	1	L/S	
c.	1200 mm x 55 mm 1 x 21 W suspended linear light with dimmable driver (DL3)	1	L/S	
d.	1 x 15 W LED recessed downlight with dimmable driver (DL4)	1	L/S	
e.	1 x 13 W LED wall washer with dimmable driver (DL5)	1	L/S	
f.	925 mm x 600 mm 1 x 21 W recessed linear light with dimmable driver (DL6)	1	L/S	
g.	500 mm diameter 1 x 6 W recessed downlight with dimmable driver(DL7)	1	L/S	
h.	2 x 21 W suspended linear light with dimmable driver (DL8)	1	L/S	
i.	LED cove light with dimmable driver	1	L/S	
j.	1 x 14 W LED glass pendant light with dimmable driver (PL1)	1	L/S	
k.	1 x 14 W LED decorative pendant light with dimmable driver (PL2)	1	L/S	
l.	1 x 14 W LED decorative pendant light with dimmable driver (PL23a)	1	L/S	
m.	1 x 14 W LED decorative pendant light with dimmable driver (PL23b)	1	L/S	
n.	1 x 14 W LED decorative pendant light with dimmable driver (PL24a)	1	L/S	
AMOUNT CARRIED FORWARD				

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ELECTRICAL SYSTEM WORKS
ELECTRICAL SYSTEM INSTALLATION**

AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
o.	1 x 14 W LED decorative pendant ligh with dimmable driver (PL24b)	1	L/S	
p.	1 x 9 W LED decorative pendant light with dimmable driver (PL24c)	1	L/S	
q.	1 x 14 W LED decorative pendant light with dimmable driver (PL24d)	1	L/S	
r.	LED decorative pendant light with dimmable driver (PL24e)	1	L/S	
s.	1 x 14 W LED decorative pendant light with dimmable driver (PL24f)	1	L/S	
t.	1 x 14 W LED decorative pendant light with dimmable driver (PL34a)	1	L/S	
u.	1 x 14 W LED decorative pendant light with dimmable driver (PL34b)	1	L/S	
v.	LED decorative pendant light with dimmable driver (PL34b)	1	L/S	
w.	1 x 14 W decorative wall light (WL1)	1	L/S	
x.	1 x 6 W decotative wall light (WL2)	1	L/S	
y.	Decotative wall light (WL3)	1	L/S	
4	Supply and install new lighting point using 2 x 2.5 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, i.e. switches, etc for all light fixtures including new fixtures, existing fixtures and new ID fiixtures as per shown in the drawing.	1	L/S	
5	Supply and install new programmable lighting control system (DALI / wireless) c/w necessary accessories, i.e. lux / motion sensor with sufficient coverage for all areas, manual control switches for all enclosed rooms, etc for all light fixtures including new fixtures, and new ID fiixtures as per shown in the drawing. All network cabling, where required for the system shall be by Client, and information to be provided by contractor for coordination.	1	L/S	
6	Relocation of existing ceiling speaker to new location, new support bracket c/w GI conduit for speaker cables shall be deemed inclusive.	1	L/S	
7	Supply and install new 13A Single Switch Socket Outlet (Radial) using 2 x 4 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
8	Supply and install new 13A Single Switch Socket Outlet (Ring) using 2 x 4 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
9	Supply and install new 16 A single phase commando socket for AV system complies to EMEA and APAC IEC 60309 using 2 x 4 sq. mm PVC/PVC cu. cable + E in M.S. trunking c/w necessary accessories as per shown in the drawing.	1	L/S	
AMOUNT CARRIED FORWARD				

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ELECTRICAL SYSTEM INSTALLATION**

AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
10	Supply and install new 16 A single phase commando socket complies to IEC 60309 using 2 x 4 sq. mm PVC/PVC cu. cable + E in M.S. trunking c/w necessary accessories as per shown in the drawing.	1	L/S	
11	Supply and install power module with Sirim approved 6 socket outlets (British Standard), starter cable & connector cable. (all 2.5mm sq wiring) with options for 90 degree / 180 degree angle of socket. (For all areas	1	L/S	
12	Supply and install power module with Sirim approved 6 socket outlets (British Standard), starter cable & connector cable. (all 2.5mm sq wiring) with options for 90 degree / 180 degree angle of socket. (For all areas	1	L/S	
13	Testing & commissioning for electrical system.	1	L/S	
vi.	<u>Level 20</u>			
1	Supply and installation of new light fixtures, namely as per shown in drawings :			
a.	1200mm x 300mm, minimum 33W recessed LED panel with dimmable DALI driver, LED lamp and driver life to be of minimum 50,000 hours, lumens to be minimum 4000lm, compatible with programmable lighting control system. (F4)	1	L/S	
b.	Slim recessed type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
c.	Slim recessed directional type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
d.	Recessed type 3W LED emergency light (UFO Type) c/w battery pack	1	L/S	
2	Relocation of existing base building light fittings to new location for the below light fitting as per drawings.			
a.	Recessed type 3W LED surface or recessed mounted emergency light c/w battery pack	1	L/S	
b.	Slim recessed type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
3	Installation of new light fixtures, namely as per shown in drawings :			
a.	1200 mm 1 x 15 W suspended light with dimmable driver (DL1)	1	L/S	
b.	2 x 12.9 W recessed adjustable downlight with dimmable driver (DL2)	1	L/S	
c.	1200 mm x 55 mm 1 x 21 W suspended linear light with dimmable driver (DL3)	1	L/S	
d.	1 x 15 W LED recessed downlight with dimmable driver (DL4)	1	L/S	
AMOUNT CARRIED FORWARD				

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ELECTRICAL SYSTEM INSTALLATION**

AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
e.	1 x 13 W LED wall washer with dimmable driver (DL5)	1	L/S	
f.	925 mm x 600 mm 1 x 21 W recessed linear light with dimmable driver (DL6)	1	L/S	
g.	500 mm diameter 1 x 6 W recessed downlight with dimmable driver(DL7)	1	L/S	
h.	2 x 21 W suspended linear light with dimmable driver (DL8)	1	L/S	
i.	LED cove light with dimmable driver	1	L/S	
j.	1 x 14 W LED glass pendant light with dimmable driver (PL1)	1	L/S	
k.	1 x 14 W LED decorative pendant light with dimmable driver (PL2)	1	L/S	
l.	1 x 14 W LED decorative pendant light with dimmable driver (PL23a)	1	L/S	
m.	1 x 14 W LED decorative pendant light with dimmable driver (PL23b)	1	L/S	
n.	1 x 14 W LED decorative pendant light with dimmable driver (PL24a)	1	L/S	
o.	1 x 14 W LED decorative pendant ligh with dimmable driver (PL24b)	1	L/S	
p.	1 x 9 W LED decorative pendant light with dimmable driver (PL24c)	1	L/S	
q.	1 x 14 W LED decorative pendant light with dimmable driver (PL24d)	1	L/S	
r.	LED decorative pendant light with dimmable driver (PL24e)	1	L/S	
s.	1 x 14 W LED decorative pendant light with dimmable driver (PL24f)	1	L/S	
t.	1 x 14 W LED decorative pendant light with dimmable driver (PL34a)	1	L/S	
u.	1 x 14 W LED decorative pendant light with dimmable driver (PL34b)	1	L/S	
v.	LED decorative pendant light with dimmable driver (PL34b)	1	L/S	
w.	1 x 14 W decorative wall light (WL1)	1	L/S	
x.	1 x 6 W decotative wall light (WL2)	1	L/S	
y.	Decotative wall light (WL3)	1	L/S	
4	Supply and install new lighting point using 2 x 2.5 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, i.e. switches, etc for all light fixtures including new fixtures, existing fixtures and new ID fixtures as per shown in the drawing.	1	L/S	
5	Supply and install new programmable lighting control system (DALI / wireless) c/w necessary accessories, i.e. lux / motion sensor with sufficient coverage for all areas, manual control switches for all enclosed rooms, etc for all light fixtures including new fixtures, and new ID fiixtures as per shown in the drawing. All network cabling, where required for the system shall be by Client, and information to be provided by contractor for coordination.	1	L/S	
6	Relocation of existing ceiling speaker to new location, new support bracket c/w GI conduit for speaker cables shall be deemed inclusive.	1	L/S	
AMOUNT CARRIED FORWARD				

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ELECTRICAL SYSTEM INSTALLATION**

AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
7	Supply and install new 13A Single Switch Socket Outlet (Radial) using 2 x 4 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
8	Supply and install new 13A Single Switch Socket Outlet (Ring) using 2 x 4 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
9	Supply and install new 16 A single phase commando socket for AV system complies to EMEA and APAC IEC 60309 using 2 x 4 sq. mm PVC/PVC cu. cable + E in M.S. trunking c/w necessary accessories as per shown in the drawing.	1	L/S	
10	Supply and install new 16 A single phase commando socket complies to IEC 60309 using 2 x 4 sq. mm PVC/PVC cu. cable + E in M.S. trunking c/w necessary accessories as per shown in the drawing.	1	L/S	
11	Supply and install power module with Sirim approved 6 socket outlets (British Standard), starter cable & connector cable. (all 2.5mm sq wiring) with options for 90 degree / 180 degree angle of socket. (For all areas	1	L/S	
12	Supply and install power module with Sirim approved 6 socket outlets (British Standard), starter cable & connector cable. (all 2.5mm sq wiring) with options for 90 degree / 180 degree angle of socket. (For all areas	1	L/S	
13	Testing & commissioning for electrical system.	1	L/S	
vii.	<u>Level 21</u>			
1	Supply and installation of new light fixtures, namely as per shown in drawings :			
a.	1200mm x 300mm, minimum 33W recessed LED panel with dimmable DALI driver, LED lamp and driver life to be of minimum 50,000 hours, lumens to be minimum 4000lm, compatible with programmable lighting control system. (F4)	1	L/S	
b.	Slim recessed type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
c.	Slim recessed directional type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
d.	Recessed type 3W LED emergency light (UFO Type) c/w battery pack	1	L/S	
2	Relocation of existing base building light fittings to new location for the below light fitting as per drawings.			
a.	Recessed type 3W LED surface or recessed mounted emergency light c/w battery pack	1	L/S	
b.	Slim recessed type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
AMOUNT CARRIED FORWARD				

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ELECTRICAL SYSTEM INSTALLATION**

AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
3	Installation of new light fixtures, namely as per shown in drawings :			
a.	1200 mm 1 x 15 W suspended light with dimmable driver (DL1)	1	L/S	
b.	2 x 12.9 W recessed adjustable downlight with dimmable driver (DL2)	1	L/S	
c.	1200 mm x 55 mm 1 x 21 W suspended linear light with dimmable driver (DL3)	1	L/S	
d.	1 x 15 W LED recessed downlight with dimmable driver (DL4)	1	L/S	
f.	925 mm x 600 mm 1 x 21 W recessed linear light with dimmable driver (DL6)	1	L/S	
g.	500 mm diameter 1 x 6 W recessed downlight with dimmable driver(DL7)	1	L/S	
h.	2 x 21 W suspended linear light with dimmable driver (DL8)	1	L/S	
i.	LED cove light with dimmable driver	1	L/S	
j.	1 x 14 W LED glass pendant light with dimmable driver (PL1)	1	L/S	
k.	1 x 14 W LED decorative pendant light with dimmable driver (PL2)	1	L/S	
l.	1 x 14 W LED decorative pendant light with dimmable driver (PL23a)	1	L/S	
m.	1 x 14 W LED decorative pendant light with dimmable driver (PL23b)	1	L/S	
n.	1 x 14 W LED decorative pendant light with dimmable driver (PL24a)	1	L/S	
o.	1 x 14 W LED decorative pendant ligh with dimmable driver (PL24b)	1	L/S	
p.	1 x 9 W LED decorative pendant light with dimmable driver (PL24c)	1	L/S	
q.	1 x 14 W LED decorative pendant light with dimmable driver (PL24d)	1	L/S	
r.	LED decorative pendant light with dimmable driver (PL24e)	1	L/S	
s.	1 x 14 W LED decorative pendant light with dimmable driver (PL24f)	1	L/S	
t.	1 x 14 W LED decorative pendant light with dimmable driver (PL34a)	1	L/S	
u.	1 x 14 W LED decorative pendant light with dimmable driver (PL34b)	1	L/S	
v.	LED decorative pendant light with dimmable driver (PL34b)	1	L/S	
w.	1 x 14 W decorative wall light (WL1)	1	L/S	
x.	1 x 6 W decotative wall light (WL2)	1	L/S	
y.	Decotative wall light (WL3)	1	L/S	
4	Supply and install new lighting point using 2 x 2.5 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, i.e. switches, etc for all light fixtures including new fixtures, existing fixtures and new ID fiixtures as per shown in the drawing.	1	L/S	
5	Supply and install new programmable lighting control system (DALI / wireless) c/w necessary accessories, i.e. lux / motion sensor with sufficient coverage for all areas, manual control switches for all enclosed rooms, etc for all light fixtures including new fixtures, and new ID fiixtures as per shown in the drawing. All network cabling, where required for the system shall be by Client, and information to be provided by contractor for coordination.	1	L/S	
AMOUNT CARRIED FORWARD				

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ELECTRICAL SYSTEM INSTALLATION**

AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
6	Relocation of existing ceiling speaker to new location, new support bracket c/w GI conduit for speaker cables shall be deemed inclusive.	1	L/S	
7	Supply and install new 13A Single Switch Socket Outlet (Radial) using 2 x 4 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
8	Supply and install new Single Switch Socket Outlet (Ring) using 2 x 2.5 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
9	Supply and install new 16 A single phase commando socket for AV system complies to EMEA and APAC IEC 60309 using 2 x 4 sq. mm PVC/PVC cu. cable + E in M.S. trunking c/w necessary accessories as per shown in the drawing.	1	L/S	
10	Supply and install new 16 A single phase commando socket complies to IEC 60309 using 2 x 4 sq. mm PVC/PVC cu. cable + E in M.S. trunking c/w necessary accessories as per shown in the drawing.	1	L/S	
11	Supply and install power module with Sirim approved 6 socket outlets (British Standard), starter cable & connector cable. (all 2.5mm sq wiring) with options for 90 degree / 180 degree angle of socket. (For all areas except system furniture and meeting rooms)	1	L/S	
12	Supply and install power module with Sirim approved 6 socket outlets (British Standard), starter cable & connector cable. (all 2.5mm sq wiring) with options for 90 degree / 180 degree angle of socket. (For all areas except system furniture and meeting rooms)	1	L/S	
13	Testing & commissioning for electrical system.	1	L/S	
viii.	<u>Level 22</u>			
1	Supply and installation of new light fixtures, namely as per shown in drawings :			
a.	1200mm x 300mm, minimum 33W recessed LED panel with dimmable DALI driver, LED lamp and driver life to be of minimum 50,000 hours, lumens to be minimum 4000lm, compatible with programmable lighting control system. (F4)	1	L/S	
b.	Slim recessed type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
c.	Slim recessed directional type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
d.	Recessed type 3W LED emergency light (UFO Type) c/w battery pack	1	L/S	
AMOUNT CARRIED FORWARD				

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ELECTRICAL SYSTEM WORKS
ELECTRICAL SYSTEM INSTALLATION**

AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
e.	1 x 13 W LED wall washer with dimmable driver (DL5)	1	L/S	
f.	925 mm x 600 mm 1 x 21 W recessed linear light with dimmable driver (DL6)	1	L/S	
g.	500 mm diameter 1 x 6 W recessed downlight with dimmable driver(DL7)	1	L/S	
h.	2 x 21 W suspended linear light with dimmable driver (DL8)	1	L/S	
i.	LED cove light with dimmable driver	1	L/S	
j.	1 x 14 W LED glass pendant light with dimmable driver (PL1)	1	L/S	
k.	1 x 14 W LED decorative pendant light with dimmable driver (PL2)	1	L/S	
l.	1 x 14 W LED decorative pendant light with dimmable driver (PL23a)	1	L/S	
m.	1 x 14 W LED decorative pendant light with dimmable driver (PL23b)	1	L/S	
n.	1 x 14 W LED decorative pendant light with dimmable driver (PL24a)	1	L/S	
o.	1 x 14 W LED decorative pendant ligh with dimmable driver (PL24b)	1	L/S	
p.	1 x 9 W LED decorative pendant light with dimmable driver (PL24c)	1	L/S	
q.	1 x 14 W LED decorative pendant light with dimmable driver (PL24d)	1	L/S	
r.	LED decorative pendant light with dimmable driver (PL24e)	1	L/S	
s.	1 x 14 W LED decorative pendant light with dimmable driver (PL24f)	1	L/S	
t.	1 x 14 W LED decorative pendant light with dimmable driver (PL34a)	1	L/S	
u.	1 x 14 W LED decorative pendant light with dimmable driver (PL34b)	1	L/S	
v.	LED decorative pendant light with dimmable driver (PL34b)	1	L/S	
w.	1 x 14 W decorative wall light (WL1)	1	L/S	
x.	1 x 6 W decotative wall light (WL2)	1	L/S	
y.	Decotative wall light (WL3)	1	L/S	
4	Supply and install new lighting point using 2 x 2.5 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, i.e. switches, etc for all light fixtures including new fixtures, existing fixtures and new ID fiixtures as per shown in the drawing.	1	L/S	
5	Supply and install new programmable lighting control system (DALI / wireless) c/w necessary accessories, i.e. lux / motion sensor with sufficient coverage for all areas, manual control switches for all enclosed rooms, etc for all light fixtures including new fixtures, and new ID fiixtures as per shown in the drawing. All network cabling, where required for the system shall be by Client, and information to be provided by contractor for coordination.	1	L/S	
6	Relocation of existing ceiling speaker to new location, new support bracket c/w GI conduit for speaker cables shall be deemed inclusive.	1	L/S	
7	Supply and install new 13A Single Switch Socket Outlet (Radial) using 2 x 4 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
AMOUNT CARRIED FORWARD				

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AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
8	Supply and install new Single Switch Socket Outlet (Ring) using 2 x 2.5 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
9	Supply and install new 16 A single phase commando socket for AV system complies to EMEA and APAC IEC 60309 using 2 x 4 sq. mm PVC/PVC cu. cable + E in M.S. trunking c/w necessary accessories as per shown in the drawing.	1	L/S	
10	Supply and install new 16 A single phase commando socket complies to IEC 60309 using 2 x 4 sq. mm PVC/PVC cu. cable + E in M.S. trunking c/w necessary accessories as per shown in the drawing.	1	L/S	
11	Supply and install power module with Sirim approved 6 socket outlets (British Standard), starter cable & connector cable. (all 2.5mm sq wiring) with options for 90 degree / 180 degree angle of socket. (For all areas	1	L/S	
12	Supply and install power module with Sirim approved 6 socket outlets (British Standard), starter cable & connector cable. (all 2.5mm sq wiring) with options for 90 degree / 180 degree angle of socket. (For all areas	1	L/S	
13	Testing & commissioning for electrical system.	1	L/S	
ix.	<u>Level 23</u>			
1	Supply and installation of new light fixtures, namely as per shown in drawings :			
a.	1200mm x 300mm, minimum 33W recessed LED panel with dimmable DALI driver, LED lamp and driver life to be of minimum 50,000 hours, lumens to be minimum 4000lm, compatible with programmable lighting control system. (F4)	1	L/S	
b.	Slim recessed type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
c.	Slim recessed directional type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
d.	Recessed type 3W LED emergency light (UFO Type) c/w battery pack	1	L/S	
2	Relocation of existing base building light fittings to new location for the below light fitting as per drawings.			
a.	Recessed type 3W LED surface or recessed mounted emergency light c/w battery pack	1	L/S	
b.	Slim recessed type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
3	Installation of new light fixtures, namely as per shown in drawings :			
a.	1200 mm 1 x 15 W suspended light with dimmable driver (DL1)	1	L/S	
b.	2 x 12.9 W recessed adjustable downlight with dimmable driver (DL2)	1	L/S	
AMOUNT CARRIED FORWARD				

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ELECTRICAL SYSTEM INSTALLATION**

AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
c.	1200 mm x 55 mm 1 x 21 W suspended linear light with dimmable driver (DL3)	1	L/S	
d.	1 x 15 W LED recessed downlight with dimmable driver (DL4)	1	L/S	
e.	1 x 13 W LED wall washer with dimmable driver (DL5)	1	L/S	
f.	925 mm x 600 mm 1 x 21 W recessed linear light with dimmable driver (DL6)	1	L/S	
g.	500 mm diameter 1 x 6 W recessed downlight with dimmable	1	L/S	
h.	2 x 21 W suspended linear light with dimmable driver (DL8)	1	L/S	
i.	LED cove light with dimmable driver	1	L/S	
j.	1 x 14 W LED glass pendant light with dimmable driver (PL1)	1	L/S	
k.	1 x 14 W LED decorative pendant light with dimmable driver (PL2)	1	L/S	
l.	1 x 14 W LED decorative pendant light with dimmable driver (PL23a)	1	L/S	
m.	1 x 14 W LED decorative pendant light with dimmable driver (PL23b)	1	L/S	
n.	1 x 14 W LED decorative pendant light with dimmable driver (PL24a)	1	L/S	
o.	1 x 14 W LED decorative pendant light with dimmable driver (PL24b)	1	L/S	
p.	1 x 9 W LED decorative pendant light with dimmable driver (PL24c)	1	L/S	
q.	1 x 14 W LED decorative pendant light with dimmable driver (PL24d)	1	L/S	
r.	LED decorative pendant light with dimmable driver (PL24e)	1	L/S	
s.	1 x 14 W LED decorative pendant light with dimmable driver (PL24f)	1	L/S	
t.	1 x 14 W LED decorative pendant light with dimmable driver (PL34a)	1	L/S	
u.	1 x 14 W LED decorative pendant light with dimmable driver (PL34b)	1	L/S	
v.	LED decorative pendant light with dimmable driver (PL34b)	1	L/S	
w.	1 x 14 W decorative wall light (WL1)	1	L/S	
x.	1 x 6 W decorative wall light (WL2)	1	L/S	
y.	Decorative wall light (WL3)	1	L/S	
4	Supply and install new lighting point using 2 x 2.5 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, i.e. switches, etc for all light fixtures including new fixtures, existing fixtures and new ID fixtures as per shown in the drawing.	1	L/S	
5	Supply and install new programmable lighting control system (DALI / wireless) c/w necessary accessories, i.e. lux / motion sensor with sufficient coverage for all areas, manual control switches for all enclosed rooms, etc for all light fixtures including new fixtures, and new ID fixtures as per shown in the drawing. All network cabling, where required for the system shall be by Client, and information to be provided by contractor for coordination.	1	L/S	
6	Relocation of existing ceiling speaker to new location, new support bracket c/w GI conduit for speaker cables shall be deemed inclusive.	1	L/S	
7	Supply and install new 13A Single Switch Socket Outlet (Radial) using 2 x 4 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
AMOUNT CARRIED FORWARD				

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ELECTRICAL SYSTEM INSTALLATION**

AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
8	Supply and install new 13 A Single Switch Socket Outlet (Ring) using 2 x 2.5 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
9	Supply and install new 15 A Single Switch Socket Outlet (Radial) using 2 x 4 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
10	Supply and install new 16 A single phase commando socket for AV system complies to EMEA and APAC IEC 60309 using 2 x 4 sq. mm PVC/PVC cu. cable + E in M.S. trunking c/w necessary accessories as per shown in the drawing.	1	L/S	
11	Supply and install new 16 A single phase commando socket complies to IEC 60309 using 2 x 4 sq. mm PVC/PVC cu. cable + E in M.S. trunking c/w necessary accessories as per shown in the drawing.	1	L/S	
12	Supply and install power module with Sirim approved 6 socket outlets (British Standard), starter cable & connector cable. (all 2.5mm sq wiring) with options for 90 degree / 180 degree angle of socket. (For all areas except system furniture and meeting rooms)	1	L/S	
13	Supply and install power module with Sirim approved 6 socket outlets (British Standard), starter cable & connector cable. (all 2.5mm sq wiring) with options for 90 degree / 180 degree angle of socket. (For all areas except system furniture and meeting rooms)	1	L/S	
14	Supply and install new 30A SPN Isolator using 2 x 10 sq.mm FRMI cu. Cable + E in G.I conduit/ M.S Trunking, from landlord essential (fire fighting) supply to new fire roller shutter c/w necessary accessories as per shown in drawings	1	L/S	
AMOUNT CARRIED FORWARD				

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 ELECTRICAL SYSTEM INSTALLATION

AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
15	Testing & commissioning for electrical system.	1	L/S	
x.	<u>Level 24</u>			
1	Supply and installation of new light fixtures, namely as per shown in drawings :			
a.	1200mm x 300mm, minimum 33W recessed LED panel with dimmable DALI driver, LED lamp and driver life to be of minimum 50,000 hours, lumens to be minimum 4000lm, compatible with programmable lighting control system. (F4)	1	L/S	
b.	Slim recessed type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
c.	Slim recessed directional type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
d.	Recessed type 3W LED emergency light (UFO Type) c/w battery pack	1	L/S	
2	Relocation of existing base building light fittings to new location for the below light fitting as per drawings.			
a.	Recessed type 3W LED surface or recessed mounted emergency light c/w battery pack	1	L/S	
b.	Slim recessed type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
3	Installation of new light fixtures, namely as per shown in drawings :			
a.	1200 mm 1 x 15 W suspended light with dimmable driver (DL1)	1	L/S	
b.	2 x 12.9 W recessed adjustable downlight with dimmable driver (DL2)	1	L/S	
c.	1200 mm x 55 mm 1 x 21 W suspended linear light with dimmable driver (DL3)	1	L/S	
d.	1 x 15 W LED recessed downlight with dimmable driver (DL4)	1	L/S	
e.	1 x 13 W LED wall washer with dimmable driver (DL5)	1	L/S	
f.	925 mm x 600 mm 1 x 21 W recessed linear light with dimmable driver (DL6)	1	L/S	
g.	500 mm diameter 1 x 6 W recessed downlight with dimmable driver(DL7)	1	L/S	
h.	2 x 21 W suspended linear light with dimmable driver (DL8)	1	L/S	
i.	LED cove light with dimmable driver	1	L/S	
AMOUNT CARRIED FORWARD				

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AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
j.	1 x 14 W LED glass pendant light with dimmable driver (PL1)	1	L/S	
k.	1 x 14 W LED decorative pendant light with dimmable driver (PL2)	1	L/S	
l.	1 x 14 W LED decorative pendant light with dimmable driver (PL23a)	1	L/S	
m.	1 x 14 W LED decorative pendant light with dimmable driver (PL23b)	1	L/S	
n.	1 x 14 W LED decorative pendant light with dimmable driver (PL24a)	1	L/S	
o.	1 x 14 W LED decorative pendant light with dimmable driver (PL24b)	1	L/S	
p.	1 x 9 W LED decorative pendant light with dimmable driver (PL24c)	1	L/S	
q.	1 x 14 W LED decorative pendant light with dimmable driver (PL24d)	1	L/S	
r.	LED decorative pendant light with dimmable driver (PL24e)	1	L/S	
s.	1 x 14 W LED decorative pendant light with dimmable driver (PL24f)	1	L/S	
t.	1 x 14 W LED decorative pendant light with dimmable driver (PL34a)	1	L/S	
u.	1 x 14 W LED decorative pendant light with dimmable driver (PL34b)	1	L/S	
v.	LED decorative pendant light with dimmable driver (PL34b)	1	L/S	
w.	1 x 14 W decorative wall light (WL1)	1	L/S	
x.	1 x 6 W decorative wall light (WL2)	1	L/S	
y.	Decorative wall light (WL3)	1	L/S	
4	Supply and install new lighting point using 2 x 2.5 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, i.e. switches, etc for all light fixtures including new fixtures, existing fixtures and new ID fixtures as per shown in the drawing.	1	L/S	
5	Supply and install new programmable lighting control system (DALI / wireless) c/w necessary accessories, i.e. lux / motion sensor with sufficient coverage for all areas, manual control switches for all enclosed rooms, etc for all light fixtures including new fixtures, and new ID fixtures as per shown in the drawing. All network cabling, where required for the system shall be by Client, and information to be provided by contractor for coordination.	1	L/S	
6	Relocation of existing ceiling speaker to new location, new support bracket c/w GI conduit for speaker cables shall be deemed inclusive.	1	L/S	
7	Supply and install new 13A Single Switch Socket Outlet (Radial) using 2 x 4 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
8	Supply and install new 13A Single Switch Socket Outlet (Ring) using 2 x 4 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
9	Supply and install new 16 A single phase commando socket for AV system complies to EMEA and APAC IEC 60309 using 2 x 4 sq. mm PVC/PVC cu. cable + E in M.S. trunking c/w necessary accessories as per shown in the drawing.	1	L/S	
AMOUNT CARRIED FORWARD				

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ELECTRICAL SYSTEM INSTALLATION**

AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
10	Supply and install new 16 A single phase commando socket complies to IEC 60309 using 2 x 4 sq. mm PVC/PVC cu. cable + E in M.S. trunking c/w necessary accessories as per shown in the drawing.	1	L/S	
11	Supply and install power module with Sirim approved 6 socket outlets (British Standard), starter cable & connector cable. (all 2.5mm sq wiring) with options for 90 degree / 180 degree angle of socket. (For all areas except system furniture and meeting rooms)	1	L/S	
12	Supply and install power module with Sirim approved 6 socket outlets (British Standard), starter cable & connector cable. (all 2.5mm sq wiring) with options for 90 degree / 180 degree angle of socket. (For all areas except system furniture and meeting rooms)	1	L/S	
13	Testing & commissioning for electrical system.	1	L/S	
xi.	<u>Level 31</u>			
1	Supply and installation of new light fixtures, namely as per shown in drawings :			
a.	1200mm x 300mm, minimum 33W recessed LED panel with dimmable DALI driver, LED lamp and driver life to be of minimum 50,000 hours, lumens to be minimum 4000lm, compatible with programmable lighting control system. (F4)	1	L/S	
b.	Slim recessed type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
c.	Slim recessed directional type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
d.	Recessed type 3W LED emergency light (UFO Type) c/w battery pack	1	L/S	
2	Relocation of existing base building light fittings to new location for the below light fitting as per drawings.			
a.	Recessed type 3W LED surface or recessed mounted emergency light c/w battery pack	1	L/S	
b.	Slim recessed type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
3	Installation of new light fixtures, namely as per shown in drawings :			
a.	1200 mm 1 x 15 W suspended light with dimmable driver (DL1)	1	L/S	
b.	2 x 12.9 W recessed adjustable downlight with dimmable driver (DL2)	1	L/S	
c.	1200 mm x 55 mm 1 x 21 W suspended linear light with dimmable driver (DL3)	1	L/S	
d.	1 x 15 W LED recessed downlight with dimmable driver (DL4)	1	L/S	
e.	1 x 13 W LED wall washer with dimmable driver (DL5)	1	L/S	
f.	925 mm x 600 mm 1 x 21 W recessed linear light with dimmable driver (DL6)	1	L/S	
AMOUNT CARRIED FORWARD				

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ELECTRICAL SYSTEM INSTALLATION**

AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
g.	500 mm diameter 1 x 6 W recessed downlight with dimmable driver(DL7)	1	L/S	
h.	2 x 21 W suspended linear light with dimmable driver (DL8)	1	L/S	
i.	LED cove light with dimmable driver	1	L/S	
j.	1 x 14 W LED glass pendant light with dimmable driver (PL1)	1	L/S	
k.	1 x 14 W LED decorative pendant light with dimmable driver (PL2)	1	L/S	
l.	1 x 14 W LED decorative pendant light with dimmable driver (PL23a)	1	L/S	
m.	1 x 14 W LED decorative pendant light with dimmable driver (PL23b)	1	L/S	
n.	1 x 14 W LED decorative pendant light with dimmable driver (PL24a)	1	L/S	
o.	1 x 14 W LED decorative pendant ligh with dimmable driver (PL24b)	1	L/S	
p.	1 x 9 W LED decorative pendant light with dimmable driver (PL24c)	1	L/S	
q.	1 x 14 W LED decorative pendant light with dimmable driver (PL24d)	1	L/S	
r.	LED decorative pendant light with dimmable driver (PL24e)	1	L/S	
s.	1 x 14 W LED decorative pendant light with dimmable driver (PL24f)	1	L/S	
t.	1 x 14 W LED decorative pendant light with dimmable driver (PL34a)	1	L/S	
u.	1 x 14 W LED decorative pendant light with dimmable driver (PL34b)	1	L/S	
v.	LED decorative pendant light with dimmable driver (PL34b)	1	L/S	
w.	1 x 14 W decorative wall light (WL1)	1	L/S	
x.	1 x 6 W decotative wall light (WL2)	1	L/S	
y.	Decorative wall light (WL3)	1	L/S	
4	Supply and install new lighting point using 2 x 2.5 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, i.e. switches, etc for all light fixtures including new fixtures, existing fixtures and new ID fiixtures as per shown in the drawing.	1	L/S	
5	Supply and install new programmable lighting control system (DALI / wireless) c/w necessary accessories, i.e. lux / motion sensor with sufficient coverage for all areas, manual control switches for all enclosed rooms, etc for all light fixtures including new fixtures, and new ID fiixtures as per shown in the drawing. All network cabling, where required for the system shall be by Client, and information to be provided by contractor for coordination.	1	L/S	
6	Relocation of existing ceiling speaker to new location, new support bracket c/w GI conduit for speaker cables shall be deemed inclusive.	1	L/S	
7	Supply and install new 13A Single Switch Socket Outlet (Radial) using 2 x 4 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
8	Supply and install new 13A Single Switch Socket Outlet (Ring) using 2 x 4 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
AMOUNT CARRIED FORWARD				

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AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
9	Supply and install new 16 A single phase commando socket for AV system complies to EMEA and APAC IEC 60309 using 2 x 4 sq. mm PVC/PVC cu. cable + E in M.S. trunking c/w necessary accessories as per shown in the drawing.	1	L/S	
10	Supply and install new 16 A single phase commando socket complies to IEC 60309 using 2 x 4 sq. mm PVC/PVC cu. cable + E in M.S. trunking c/w necessary accessories as per shown in the drawing.	1	L/S	
11	Supply and install power module with Sirim approved 6 socket outlets (British Standard), starter cable & connector cable. (all 2.5mm sq wiring) with options for 90 degree / 180 degree angle of socket. (For all areas except system furniture and meeting rooms)	1	L/S	
12	Supply and install power module with Sirim approved 6 socket outlets (British Standard), starter cable & connector cable. (all 2.5mm sq wiring) with options for 90 degree / 180 degree angle of socket. (For all areas except system furniture and meeting rooms)	1	L/S	
13	Testing & commissioning for electrical system.	1	L/S	
xii.	<u>Level 32</u>			
1	Supply and installation of new light fixtures, namely as per shown in drawings :			
a.	1200mm x 300mm, minimum 33W recessed LED panel with dimmable DALI driver, LED lamp and driver life to be of minimum 50,000 hours, lumens to be minimum 4000lm, compatible with programmable lighting control system. (F4)	1	L/S	
b.	Slim recessed type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
c.	Slim recessed directional type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
d.	Recessed type 3W LED emergency light (UFO Type) c/w battery pack	1	L/S	
2	Relocation of existing base building light fittings to new location for the below light fitting as per drawings.			
a.	Recessed type 3W LED surface or recessed mounted emergency light c/w battery pack	1	L/S	
b.	Slim recessed type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
3	Installation of new light fixtures, namely as per shown in drawings :			
a.	1200 mm 1 x 15 W suspended light with dimmable driver (DL1)	1	L/S	
b.	2 x 12.9 W recessed adjustable downlight with dimmable driver (DL2)	1	L/S	
c.	1200 mm x 55 mm 1 x 21 W suspended linear light with dimmable driver (DL3)	1	L/S	
AMOUNT CARRIED FORWARD				

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ELECTRICAL SYSTEM INSTALLATION**

AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
d.	1 x 15 W LED recessed downlight with dimmable driver (DL4)	1	L/S	
e.	1 x 13 W LED wall washer with dimmable driver (DL5)	1	L/S	
f.	925 mm x 600 mm 1 x 21 W recessed linear light with dimmable driver (DL6)	1	L/S	
g.	500 mm diameter 1 x 6 W recessed downlight with dimmable driver(DL7)	1	L/S	
h.	2 x 21 W suspended linear light with dimmable driver (DL8)	1	L/S	
i.	LED cove light with dimmable driver	1	L/S	
j.	1 x 14 W LED glass pendant light with dimmable driver (PL1)	1	L/S	
k.	1 x 14 W LED decorative pendant light with dimmable driver (PL2)	1	L/S	
l.	1 x 14 W LED decorative pendant light with dimmable driver (PL23a)	1	L/S	
m.	1 x 14 W LED decorative pendant light with dimmable driver (PL23b)	1	L/S	
n.	1 x 14 W LED decorative pendant light with dimmable driver (PL24a)	1	L/S	
o.	1 x 14 W LED decorative pendant ligh with dimmable driver (PL24b)	1	L/S	
p.	1 x 9 W LED decorative pendant light with dimmable driver (PL24c)	1	L/S	
q.	1 x 14 W LED decorative pendant light with dimmable driver (PL24d)	1	L/S	
r.	LED decorative pendant light with dimmable driver (PL24e)	1	L/S	
s.	1 x 14 W LED decorative pendant light with dimmable driver (PL24f)	1	L/S	
t.	1 x 14 W LED decorative pendant light with dimmable driver (PL34a)	1	L/S	
u.	1 x 14 W LED decorative pendant light with dimmable driver (PL34b)	1	L/S	
v.	LED decorative pendant light with dimmable driver (PL34b)	1	L/S	
w.	1 x 14 W decorative wall light (WL1)	1	L/S	
x.	1 x 6 W decotative wall light (WL2)	1	L/S	
y.	Decorative wall light (WL3)	1	L/S	
4	Supply and install new lighting point using 2 x 2.5 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, i.e. switches, etc for all light fixtures including new fixtures, existing fixtures and new ID fixtures as per shown in the drawing.	1	L/S	
5	Supply and install new programmable lighting control system (DALI / wireless) c/w necessary accessories, i.e. lux / motion sensor with sufficient coverage for all areas, manual control switches for all enclosed rooms, etc for all light fixtures including new fixtures, and new ID fixtures as per shown in the drawing. All network cabling, where required for the system shall be by Client, and information to be provided by contractor for coordination.	1	L/S	
6	Relocation of existing ceiling speaker to new location, new support bracket c/w GI conduit for speaker cables shall be deemed inclusive.	1	L/S	
7	Supply and install new 13A Single Switch Socket Outlet (Radial) using 2 x 4 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
8	Supply and install new 13A Single Switch Socket Outlet (Ring) using 2 x 4 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
AMOUNT CARRIED FORWARD				

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AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
9	Supply and install new 16 A single phase commando socket for AV system complies to EMEA and APAC IEC 60309 using 2 x 4 sq. mm PVC/PVC cu. cable + E in M.S. trunking c/w necessary accessories as per shown in the drawing.	1	L/S	
10	Supply and install new 16 A single phase commando socket complies to IEC 60309 using 2 x 4 sq. mm PVC/PVC cu. cable + E in M.S. trunking c/w necessary accessories as per shown in the drawing.	1	L/S	
11	Supply and install power module with Sirim approved 6 socket outlets (British Standard), starter cable & connector cable. (all 2.5mm sq wiring) with options for 90 degree / 180 degree angle of socket. (For all areas except system furniture and meeting rooms)	1	L/S	
12	Supply and install power module with Sirim approved 6 socket outlets (British Standard), starter cable & connector cable. (all 2.5mm sq wiring) with options for 90 degree / 180 degree angle of socket. (For all areas except system furniture and meeting rooms)	1	L/S	
13	Testing & commissioning for electrical system.	1	L/S	
xiii.	<u>Level 33</u>			
1	Supply and installation of new light fixtures, namely as per shown in drawings :			
a.	1200mm x 300mm, minimum 33W recessed LED panel with dimmable DALI driver, LED lamp and driver life to be of minimum 50,000 hours, lumens to be minimum 4000lm, compatible with programmable lighting control system. (F4)	1	L/S	
b.	Slim recessed type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
c.	Slim recessed directional type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
d.	Recessed type 3W LED emergency light (UFO Type) c/w battery pack	1	L/S	
2	Relocation of existing base building light fittings to new location for the below light fitting as per drawings.			
a.	Recessed type 3W LED surface or recessed mounted emergency light c/w battery pack	1	L/S	
b.	Slim recessed type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
3	Installation of new light fixtures, namely as per shown in drawings :			
a.	1200 mm 1 x 15 W suspended light with dimmable driver (DL1)	1	L/S	
b.	2 x 12.9 W recessed adjustable downlight with dimmable driver (DL2)	1	L/S	
AMOUNT CARRIED FORWARD				

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AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
c.	1200 mm x 55 mm 1 x 21 W suspended linear light with dimmable driver (DL3)	1	L/S	
d.	1 x 15 W LED recessed downlight with dimmable driver (DL4)	1	L/S	
e.	1 x 13 W LED wall washer with dimmable driver (DL5)	1	L/S	
f.	925 mm x 600 mm 1 x 21 W recessed linear light with dimmable driver (DL6)	1	L/S	
g.	500 mm diameter 1 x 6 W recessed downlight with dimmable driver(DL7)	1	L/S	
h.	2 x 21 W suspended linear light with dimmable driver (DL8)	1	L/S	
i.	LED cove light with dimmable driver	1	L/S	
j.	1 x 14 W LED glass pendant light with dimmable driver (PL1)	1	L/S	
k.	1 x 14 W LED decorative pendant light with dimmable driver (PL2)	1	L/S	
l.	1 x 14 W LED decorative pendant light with dimmable driver (PL23a)	1	L/S	
m.	1 x 14 W LED decorative pendant light with dimmable driver (PL23b)	1	L/S	
n.	1 x 14 W LED decorative pendant light with dimmable driver (PL24a)	1	L/S	
o.	1 x 14 W LED decorative pendant ligh with dimmable driver (PL24b)	1	L/S	
p.	1 x 9 W LED decorative pendant light with dimmable driver (PL24c)	1	L/S	
q.	1 x 14 W LED decorative pendant light with dimmable driver (PL24d)	1	L/S	
r.	LED decorative pendant light with dimmable driver (PL24e)	1	L/S	
s.	1 x 14 W LED decorative pendant light with dimmable driver (PL24f)	1	L/S	
t.	1 x 14 W LED decorative pendant light with dimmable driver (PL34a)	1	L/S	
u.	1 x 14 W LED decorative pendant light with dimmable driver (PL34b)	1	L/S	
v.	LED decorative pendant light with dimmable driver (PL34b)	1	L/S	
w.	1 x 14 W decorative wall light (WL1)	1	L/S	
x.	1 x 6 W decotative wall light (WL2)	1	L/S	
y.	Decorative wall light (WL3)	1	L/S	
4	Supply and install new lighting point using 2 x 2.5 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, i.e. switches, etc for all light fixtures including new fixtures, existing fixtures and new ID fiixtures as per shown in the drawing.	1	L/S	
5	Supply and install new programmable lighting control system (DALI / wireless) c/w necessary accessories, i.e. lux / motion sensor with sufficient coverage for all areas, manual control switches for all enclosed rooms, etc for all light fixtures including new fixtures, and new ID fiixtures as per shown in the drawing. All network cabling, where required for the system shall be by Client, and information to be provided by contractor for coordination.	1	L/S	
6	Relocation of existing ceiling speaker to new location, new support bracket c/w GI conduit for speaker cables shall be deemed inclusive.	1	L/S	
7	Supply and install new 13A Single Switch Socket Outlet (Radial) using 2 x 4 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
AMOUNT CARRIED FORWARD				

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ELECTRICAL SYSTEM WORKS
ELECTRICAL SYSTEM INSTALLATION**

AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
8	Supply and install new 13A Single Switch Socket Outlet (Ring) using 2 x 4 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
9	Supply and install new 16 A single phase commando socket for AV system complies to EMEA and APAC IEC 60309 using 2 x 4 sq. mm PVC/PVC cu. cable + E in M.S. trunking c/w necessary accessories as per shown in the drawing.	1	L/S	
10	Supply and install new 16 A single phase commando socket complies to IEC 60309 using 2 x 4 sq. mm PVC/PVC cu. cable + E in M.S. trunking c/w necessary accessories as per shown in the drawing.	1	L/S	
11	Supply and install power module with Sirim approved 6 socket outlets (British Standard), starter cable & connector cable. (all 2.5mm sq wiring) with options for 90 degree / 180 degree angle of socket. (For all areas except system furniture and meeting rooms)		L/S	
12	Supply and install power module with Sirim approved 6 socket outlets (British Standard), starter cable & connector cable. (all 2.5mm sq wiring) with options for 90 degree / 180 degree angle of socket. (For all areas except system furniture and meeting rooms)	1	L/S	
13	Testing & commissioning for electrical system.	1	L/S	
xiv.	<u>Level 34</u>			
1	Supply and installation of new light fixtures, namely as per shown in drawings :			
a.	1200mm x 300mm, minimum 33W recessed LED panel with dimmable DALI driver, LED lamp and driver life to be of minimum 50,000 hours, lumens to be minimum 4000lm, compatible with programmable lighting control system. (F4)	1	L/S	
b.	600mm x 600mm, minimum 33W recessed LED panel with cleanable and shatterproof diffuser c/w dimmable DALI driver, LED lamp and driver life to be of minimum 50,000 hours, lumens to be minimum 4000lm, compatible with programmable lighting control system. (F5)	1	L/S	
c.	Slim recessed type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
d.	Slim recessed directional type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
e.	Recessed type 3W LED emergency light (UFO Type) c/w battery pack	1	L/S	
AMOUNT CARRIED FORWARD				

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ELECTRICAL SYSTEM WORKS
ELECTRICAL SYSTEM INSTALLATION**

AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
2	Relocation of existing base building light fittings to new location for the below light fitting as per drawings.			
a.	Recessed type 3W LED surface or recessed mounted emergency light c/w battery pack	1	L/S	
b.	Slim recessed type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
3	Installation of new light fixtures, namely as per shown in drawings :			
a.	1200 mm 1 x 15 W suspended light with dimmable driver (DL1)	1	L/S	
b.	2 x 12.9 W recessed adjustable downlight with dimmable driver (DL2)	1	L/S	
c.	1200 mm x 55 mm 1 x 21 W suspended linear light with dimmable driver (DL3)	1	L/S	
d.	1 x 15 W LED recessed downlight with dimmable driver (DL4)	1	L/S	
e.	1 x 13 W LED wall washer with dimmable driver (DL5)	1	L/S	
f.	925 mm x 600 mm 1 x 21 W recessed linear light with dimmable driver (DL6)	1	L/S	
g.	500 mm diameter 1 x 6 W recessed downlight with dimmable driver(DL7)	1	L/S	
h.	2 x 21 W suspended linear light with dimmable driver (DL8)	1	L/S	
i.	LED cove light with dimmable driver	1	L/S	
j.	1 x 14 W LED glass pendant light with dimmable driver (PL1)	1	L/S	
k.	1 x 14 W LED decorative pendant light with dimmable driver (PL2)	1	L/S	
l.	1 x 14 W LED decorative pendant light with dimmable driver (PL23a)	1	L/S	
m.	1 x 14 W LED decorative pendant light with dimmable driver (PL23b)	1	L/S	
n.	1 x 14 W LED decorative pendant light with dimmable driver (PL24a)	1	L/S	
o.	1 x 14 W LED decorative pendant light with dimmable driver (PL24b)	1	L/S	
p.	1 x 9 W LED decorative pendant light with dimmable driver (PL24c)	1	L/S	
q.	1 x 14 W LED decorative pendant light with dimmable driver (PL24d)	1	L/S	
r.	LED decorative pendant light with dimmable driver (PL24e)	1	L/S	
s.	1 x 14 W LED decorative pendant light with dimmable driver (PL24f)	1	L/S	
t.	1 x 14 W LED decorative pendant light with dimmable driver (PL34a)	1	L/S	
u.	1 x 14 W LED decorative pendant light with dimmable driver (PL34b)	1	L/S	
v.	LED decorative pendant light with dimmable driver (PL34b)	1	L/S	
w.	1 x 14 W decorative wall light (WL1)	1	L/S	
x.	1 x 6 W decorative wall light (WL2)	1	L/S	
y.	Decorative wall light (WL3)	1	L/S	
4	Supply and install new lighting point using 2 x 2.5 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, i.e. switches, etc for all light fixtures including new fixtures, existing fixtures and new ID fixtures as per shown in the drawing.	1	L/S	
AMOUNT CARRIED FORWARD				

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ELECTRICAL SYSTEM WORKS
ELECTRICAL SYSTEM INSTALLATION**

AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
5	Supply and install new programmable lighting control system (DALI / wireless) c/w necessary accessories, i.e. lux / motion sensor with sufficient coverage for all areas, manual control switches for all enclosed rooms, etc for all light fixtures including new fixtures, and new ID fixtures as per shown in the drawing. All network cabling, where required for the system shall be by Client, and information to be provided by contractor for coordination.	1	L/S	
6	Relocation of existing ceiling speaker to new location, new support bracket c/w GI conduit for speaker cables shall be deemed inclusive.	1	L/S	
7	Supply and install new 13A Single Switch Socket Outlet (Radial) using 2 x 4 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
8	Supply and install new 13 A Single Switch Socket Outlet (Ring) using 2 x 2.5 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
9	Supply and install new 15 A Single Switch Socket Outlet (Radial) using 2 x 4 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
10	Supply and install new 16 A single phase commando socket for AV system complies to EMEA and APAC IEC 60309 using 2 x 4 sq. mm PVC/PVC cu. cable + E in M.S. trunking c/w necessary accessories as per shown in the drawing.	1	L/S	
11	Supply and install new 16 A single phase commando socket complies to IEC 60309 using 2 x 4 sq. mm PVC/PVC cu. cable + E in M.S. trunking c/w necessary accessories as per shown in the drawing.	1	L/S	
12	Supply and install power module with Sirim approved 6 socket outlets (British Standard), starter cable & connector cable. (all 2.5mm sq wiring) with options for 90 degree / 180 degree angle of socket. (For all areas except system furniture and meeting rooms)	1	L/S	
13	Supply and install power module with Sirim approved 6 socket outlets (British Standard), starter cable & connector cable. (all 2.5mm sq wiring) with options for 90 degree / 180 degree angle of socket. (For all areas except system furniture and meeting rooms)	1	L/S	
14	Supply and install new 16 A TPN Isolator using 4 x 4 sq.mm PVC cu. Cable + E in G.I conduit/ M.S Trunking c/w necessary accessories as per shown in drawings	1	L/S	
AMOUNT CARRIED FORWARD				

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ELECTRICAL SYSTEM INSTALLATION**

AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
15	Supply and install new 25 A TPN Isolator using 4 x 10 sq.mm PVC cu. Cable + E in G.I conduit/ M.S Trunking c/w necessary accessories as per shown in drawings	1	L/S	
16	Supply and install new 35 A TPN Isolator using 4 x 16 sq.mm PVC cu. Cable + E in G.I conduit/ M.S Trunking c/w necessary accessories as per shown in drawings	1	L/S	
17	Supply and install new 50 A TPN Isolator using 4 x 25 sq.mm PVC cu. Cable + E in G.I conduit/ M.S Trunking c/w necessary accessories as per shown in drawings	1	L/S	
18	Supply and install new 57 A TPN Isolator using 4 x 25 sq.mm PVC cu. Cable + E in G.I conduit/ M.S Trunking c/w necessary accessories as per shown in drawings	1	L/S	
19	Supply and install new emergency power off button c/w flip top cover and necessary accessories as per shown in drawings	1	L/S	
20	Testing & commissioning for electrical system.	1	L/S	
xv.	<u>Level 35</u>			
1	Supply and installation of new light fixtures, namely as per shown in drawings :			
a.	1200mm x 300mm, minimum 33W recessed LED panel with dimmable DALI driver, LED lamp and driver life to be of minimum 50,000 hours, lumens to be minimum 4000lm, compatible with programmable lighting control system. (F4)	1	L/S	
b.	Slim recessed type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
c.	Slim recessed directional type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
d.	Recessed type 3W LED emergency light (UFO Type) c/w battery pack	1	L/S	
2	Relocation of existing base building light fittings to new location for the below light fitting as per drawings.			
a.	Recessed type 3W LED surface or recessed mounted emergency light c/w battery pack	1	L/S	
b.	Slim recessed type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
3	Installation of new light fixtures, namely as per shown in drawings :			
a.	1200 mm 1 x 15 W suspended light with dimmable driver (DL1)	1	L/S	
b.	2 x 12.9 W recessed adjustable downlight with dimmable driver (DL2)	1	L/S	
c.	1200 mm x 55 mm 1 x 21 W suspended linear light with dimmable driver (DL3)	1	L/S	
AMOUNT CARRIED FORWARD				

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ELECTRICAL SYSTEM INSTALLATION**

AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
d.	1 x 15 W LED recessed downlight with dimmable driver (DL4)	1	L/S	
e.	1 x 13 W LED wall washer with dimmable driver (DL5)	1	L/S	
f.	925 mm x 600 mm 1 x 21 W recessed linear light with dimmable driver (DL6)	1	L/S	
g.	500 mm diameter 1 x 6 W recessed downlight with dimmable driver(DL7)	1	L/S	
h.	2 x 21 W suspended linear light with dimmable driver (DL8)	1	L/S	
i.	LED cove light with dimmable driver	1	L/S	
j.	1 x 14 W LED glass pendant light with dimmable driver (PL1)	1	L/S	
k.	1 x 14 W LED decorative pendant light with dimmable driver (PL2)	1	L/S	
l.	1 x 14 W LED decorative pendant light with dimmable driver (PL23a)	1	L/S	
m.	1 x 14 W LED decorative pendant light with dimmable driver (PL23b)	1	L/S	
n.	1 x 14 W LED decorative pendant light with dimmable driver (PL24a)	1	L/S	
o.	1 x 14 W LED decorative pendant light with dimmable driver (PL24b)	1	L/S	
p.	1 x 9 W LED decorative pendant light with dimmable driver (PL24c)	1	L/S	
q.	1 x 14 W LED decorative pendant light with dimmable driver (PL24d)	1	L/S	
r.	LED decorative pendant light with dimmable driver (PL24e)	1	L/S	
s.	1 x 14 W LED decorative pendant light with dimmable driver (PL24f)	1	L/S	
t.	1 x 14 W LED decorative pendant light with dimmable driver (PL34a)	1	L/S	
u.	1 x 14 W LED decorative pendant light with dimmable driver (PL34b)	1	L/S	
v.	LED decorative pendant light with dimmable driver (PL34b)	1	L/S	
w.	1 x 14 W decorative wall light (WL1)	1	L/S	
x.	1 x 6 W decorative wall light (WL2)	1	L/S	
y.	Decorative wall light (WL3)	1	L/S	
4	Supply and install new lighting point using 2 x 2.5 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, i.e. switches, etc for all light fixtures including new fixtures, existing fixtures and new ID fixtures as per shown in the drawing.	1	L/S	
5	Supply and install new programmable lighting control system (DALI / wireless) c/w necessary accessories, i.e. lux / motion sensor with sufficient coverage for all areas, manual control switches for all enclosed rooms, etc for all light fixtures including new fixtures, and new ID fixtures as per shown in the drawing. All network cabling, where required for the system shall be by Client, and information to be provided by contractor for coordination.	1	L/S	
6	Relocation of existing ceiling speaker to new location, new support bracket c/w GI conduit for speaker cables shall be deemed inclusive.	1	L/S	
7	Supply and install new 13A Single Switch Socket Outlet (Radial) using 2 x 4 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
AMOUNT CARRIED FORWARD				

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ELECTRICAL SYSTEM WORKS
ELECTRICAL SYSTEM INSTALLATION**

AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
8	Supply and install new 13A Single Switch Socket Outlet (Ring) using 2 x 4 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
9	Supply and install new 16 A single phase commando socket for AV system complies to EMEA and APAC IEC 60309 using 2 x 4 sq. mm PVC/PVC cu. cable + E in M.S. trunking c/w necessary accessories as per shown in the drawing.	1	L/S	
10	Supply and install new 16 A single phase commando socket complies to IEC 60309 using 2 x 4 sq. mm PVC/PVC cu. cable + E in M.S. trunking c/w necessary accessories as per shown in the drawing.	1	L/S	
11	Supply and install power module with Sirim approved 6 socket outlets (British Standard), starter cable & connector cable. (all 2.5mm sq wiring) with options for 90 degree / 180 degree angle of socket. (For all areas except system furniture and meeting rooms)	1	L/S	
12	Supply and install power module with Sirim approved 6 socket outlets (British Standard), starter cable & connector cable. (all 2.5mm sq wiring) with options for 90 degree / 180 degree angle of socket. (For all areas except system furniture and meeting rooms)	1	L/S	
13	Testing & commissioning for electrical system.	1	L/S	
xvi.	<u>Kitchen (L23)</u>			
1	Supply and installation of new light fixtures, namely as per shown in drawings :			
a.	600mm x 600mm, minimum 33W recessed LED panel with cleanable and shatterproof diffuser c/w dimmable DALI driver, LED lamp and driver life to be of minimum 50,000 hours, lumens to be minimum 4000lm, compatible with programmable lighting control system. (F5)	1	L/S	
b.	Slim recessed type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
c.	Slim recessed directional type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
d.	Recessed type 3W LED emergency light (UFO Type) c/w battery pack	1	L/S	
2	Relocation of existing base building light fittings to new location for the below light fitting as per drawings.			
a.	Recessed type 3W LED surface or recessed mounted emergency light c/w battery pack	1	L/S	
b.	Slim recessed type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
AMOUNT CARRIED FORWARD				

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ELECTRICAL SYSTEM WORKS
ELECTRICAL SYSTEM INSTALLATION**

AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
3	Supply and install new lighting point using 2 x 2.5 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, i.e. switches, etc for all light fixtures including new fixtures, existing fixtures and new ID fixtures as per shown in the drawing.	1	L/S	
4	Supply and install new programmable lighting control system (DALI / wireless) c/w necessary accessories, i.e. lux / motion sensor with sufficient coverage for all areas, manual control switches for all enclosed rooms, etc for all light fixtures including new fixtures, and new ID fixtures as per shown in the drawing. All network cabling, where required for the system shall be by Client, and information to be provided by contractor for coordination.	1	L/S	
5	Relocation of existing ceiling speaker to new location, new support bracket c/w GI conduit for speaker cables shall be deemed inclusive.	1	L/S	
6	Supply and install new 13A Single Switch Socket Outlet (Radial) using 2 x 4 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
7	Supply and install new 13 A Single Switch Socket Outlet (Ring) using 2 x 2.5 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
8	Supply and install new 15 A Single Switch Socket Outlet (Radial) using 2 x 4 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
9	Supply and install new 16 A TPN Isolator using 4 x 4 sq.mm PVC cu. Cable + E in G.I conduit/ M.S Trunking c/w necessary accessories as per shown in drawings	1	L/S	
10	Supply and install new 25 A TPN Isolator using 4 x 10 sq.mm PVC cu. Cable + E in G.I conduit/ M.S Trunking c/w necessary accessories as per shown in drawings	1	L/S	
AMOUNT CARRIED FORWARD				

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ELECTRICAL SYSTEM INSTALLATION**

AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
11	Supply and install new 35 A TPN Isolator using 4 x 16 sq.mm PVC cu. Cable + E in G.I conduit/ M.S Trunking c/w necessary accessories as per shown in drawings	1	L/S	
12	Supply and install new 50 A TPN Isolator using 4 x 25 sq.mm PVC cu. Cable + E in G.I conduit/ M.S Trunking c/w necessary accessories as per shown in drawings	1	L/S	
13	Supply and install new 57 A TPN Isolator using 4 x 25 sq.mm PVC cu. Cable + E in G.I conduit/ M.S Trunking c/w necessary accessories as per shown in drawings	1	L/S	
14	Supply and install new emergency power off button c/w flip top cover and necessary accessories as per shown in drawings	1	L/S	
13	Testing & commissioning for electrical system.	1	L/S	
xvii.	<u>Level 24 (Café)</u>			
1	Supply and installation of new light fixtures, namely as per shown in drawings :			
a.	1200mm x 300mm, minimum 33W recessed LED panel with dimmable DALI driver, LED lamp and driver life to be of minimum 50,000 hours, lumens to be minimum 4000lm, compatible with programmable lighting control system. (F4)	1	L/S	
b.	Slim recessed type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
c.	Slim recessed directional type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
d.	Recessed type 3W LED emergency light (UFO Type) c/w battery pack	1	L/S	
2	Relocation of existing base building light fittings to new location for the below light fitting as per drawings.			
a.	Recessed type 3W LED surface or recessed mounted emergency light c/w battery pack	1	L/S	
b.	Slim recessed type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
3	Installation of new light fixtures, namely as per shown in drawings :			
a.	1200 mm 1 x 15 W suspended light with dimmable driver (DL1)	1	L/S	
AMOUNT CARRIED FORWARD				

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ELECTRICAL SYSTEM WORKS
ELECTRICAL SYSTEM INSTALLATION**

AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
b.	2 x 12.9 W recessed adjustable downlight with dimmable driver (DL2)	1	L/S	
c.	1200 mm x 55 mm 1 x 21 W suspended linear light with dimmable driver (DL3)	1	L/S	
d.	1 x 15 W LED recessed downlight with dimmable driver (DL4)	1	L/S	
e.	1 x 13 W LED wall washer with dimmable driver (DL5)	1	L/S	
f.	925 mm x 600 mm 1 x 21 W recessed linear light with dimmable driver (DL6)	1	L/S	
g.	500 mm diameter 1 x 6 W recessed downlight with dimmable driver(DL7)	1	L/S	
h.	2 x 21 W suspended linear light with dimmable driver (DL8)	1	L/S	
i.	LED cove light with dimmable driver	1	L/S	
j.	1 x 14 W LED glass pendant light with dimmable driver (PL1)	1	L/S	
k.	1 x 14 W LED decorative pendant light with dimmable driver (PL2)	1	L/S	
l.	1 x 14 W LED decorative pendant light with dimmable driver (PL23a)	1	L/S	
m.	1 x 14 W LED decorative pendant light with dimmable driver (PL23b)	1	L/S	
n.	1 x 14 W LED decorative pendant light with dimmable driver (PL24a)	1	L/S	
o.	1 x 14 W LED decorative pendant light with dimmable driver (PL24b)	1	L/S	
p.	1 x 9 W LED decorative pendant light with dimmable driver (PL24c)	1	L/S	
q.	1 x 14 W LED decorative pendant light with dimmable driver (PL24d)	1	L/S	
r.	LED decorative pendant light with dimmable driver (PL24e)	1	L/S	
s.	1 x 14 W LED decorative pendant light with dimmable driver (PL24f)	1	L/S	
t.	1 x 14 W LED decorative pendant light with dimmable driver (PL34a)	1	L/S	
u.	1 x 14 W LED decorative pendant light with dimmable driver (PL34b)	1	L/S	
v.	LED decorative pendant light with dimmable driver (PL34b)	1	L/S	
w.	1 x 14 W decorative wall light (WL1)	1	L/S	
x.	1 x 6 W decorative wall light (WL2)	1	L/S	
y.	Decorative wall light (WL3)	1	L/S	
4	Supply and install new lighting point using 2 x 2.5 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, i.e. switches, etc for all light fixtures including new fixtures, existing fixtures and new ID fixtures as per shown in the drawing.	1	L/S	
5	Supply and install new programmable lighting control system (DALI / wireless) c/w necessary accessories, i.e. lux / motion sensor with sufficient coverage for all areas, manual control switches for all enclosed rooms, etc for all light fixtures including new fixtures, and new ID fixtures as per shown in the drawing. All network cabling, where required for the system shall be by Client, and information to be provided by contractor for coordination.	1	L/S	
AMOUNT CARRIED FORWARD				

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ELECTRICAL SYSTEM INSTALLATION**

AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
6	Relocation of existing ceiling speaker to new location, new support bracket c/w GI conduit for speaker cables shall be deemed inclusive.	1	L/S	
7	Supply and install new 13A Single Switch Socket Outlet (Radial) using 2 x 4 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
8	Supply and install new 13A Single Switch Socket Outlet (Ring) using 2 x 4 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
9	Testing & commissioning for electrical system.	1	L/S	
xviii.	<u>Kitchen (L34)</u>			
1	Supply and installation of new light fixtures, namely as per shown in drawings :			
a.	600mm x 600mm, minimum 33W recessed LED panel with cleanable and shatterproof diffuser c/w dimmable DALI driver, LED lamp and driver life to be of minimum 50,000 hours, lumens to be minimum 4000lm, compatible with programmable lighting control system. (F5)	1	L/S	
b.	Slim recessed type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
c.	Slim recessed directional type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
d.	Recessed type 3W LED emergency light (UFO Type) c/w battery pack	1	L/S	
2	Relocation of existing base building light fittings to new location for the below light fitting as per drawings.			
a.	Recessed type 3W LED surface or recessed mounted emergency light c/w battery pack	1	L/S	
b.	Slim recessed type keluar (exit) sign light c/w 3W LED lamp and battery pack	1	L/S	
3	Supply and install new lighting point using 2 x 2.5 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, i.e. switches, etc for all light fixtures including new fixtures, existing fixtures and new ID fixtures as per shown in the drawing.	1	L/S	
4	Supply and install new programmable lighting control system (DALI / wireless) c/w necessary accessories, i.e. lux / motion sensor with sufficient coverage for all areas, manual control switches for all enclosed rooms, etc for all light fixtures including new fixtures, and new ID fixtures as per shown in the drawing. All network cabling, where required for the system shall be by Client, and information to be provided by contractor for coordination.	1	L/S	
AMOUNT CARRIED FORWARD				

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ELECTRICAL SYSTEM WORKS
ELECTRICAL SYSTEM INSTALLATION**

AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
5	Relocation of existing ceiling speaker to new location, new support bracket c/w GI conduit for speaker cables shall be deemed inclusive.	1	L/S	
6	Supply and install new 13A Single Switch Socket Outlet (Radial) using 2 x 4 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
7	Supply and install new 13 A Single Switch Socket Outlet (Ring) using 2 x 2.5 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
8	Supply and install new 15 A Single Switch Socket Outlet (Radial) using 2 x 4 sq. mm. PVC cu. cable + E in GI conduit / trunking c/w electrical accessories, as per shown in the drawing.	1	L/S	
9	Supply and install new 16 A TPN Isolator using 4 x 4 sq.mm PVC cu. Cable + E in G.I conduit/ M.S Trunking c/w necessary accessories as per shown in drawings	1	L/S	
10	Supply and install new 25 A TPN Isolator using 4 x 10 sq.mm PVC cu. Cable + E in G.I conduit/ M.S Trunking c/w necessary accessories as per shown in drawings	1	L/S	
11	Supply and install new 35 A TPN Isolator using 4 x 16 sq.mm PVC cu. Cable + E in G.I conduit/ M.S Trunking c/w necessary accessories as per shown in drawings	1	L/S	
12	Supply and install new 50 A TPN Isolator using 4 x 25 sq.mm PVC cu. Cable + E in G.I conduit/ M.S Trunking c/w necessary accessories as per shown in drawings	1	L/S	
13	Supply and install new 57 A TPN Isolator using 4 x 25 sq.mm PVC cu. Cable + E in G.I conduit/ M.S Trunking c/w necessary accessories as per shown in drawings	1	L/S	
14	Supply and install new emergency power off button c/w flip top cover and necessary accessories as per shown in drawings	1	L/S	
15	Testing & commissioning for electrical system.	1	L/S	
AMOUNT CARRIED FORWARD				

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AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
xix.	General Item			
1	Upgrading of existing distribution boards by adding DPM, RCCB, MCCB, MCB internal wiring to cater for additional outgoing, connection to new EMS c/w necessary accessories as per shown in the drawing. Additional extension SSB/ DB to be added if existing SSB/ DB do not have space to add.			
i.	Level 12			
a.	Existing MP-OFFICE-T12	1	L/S	
b.	Existing DB-OFFICE-T12	1	L/S	
ii.	Level 13			
a.	Existing MP-OFFICE-T13	1	L/S	
b.	Existing DB-OFFICE-T13	1	L/S	
iii.	Level 17			
a.	Existing MP-OFFICE-T17	1	L/S	
b.	Existing DB-OFFICE-T17	1	L/S	
iv.	Level 18			
a.	Existing MP-OFFICE-T18	1	L/S	
b.	Existing DB-OFFICE-T18	1	L/S	
v.	Level 19			
a.	Existing MP-OFFICE-T19	1	L/S	
b.	Existing DB-OFFICE-T19	1	L/S	
vi.	Level 20			
a.	Existing MP-OFFICE-T20	1	L/S	
b.	Existing DB-OFFICE-T20	1	L/S	
AMOUNT CARRIED FORWARD				

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AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
vii.	<u>Level 21</u>			
a.	Existing MP-OFFICE-T21	1	L/S	
b.	Existing DB-OFFICE-T21	1	L/S	
viii.	<u>Level 22</u>			
a.	Existing MP-OFFICE-T22	1	L/S	
b.	Existing DB-OFFICE-T22	1	L/S	
ix.	<u>Level 23</u>			
a.	Existing MP-OFFICE-T23	1	L/S	
b.	Existing DB-OFFICE-T23	1	L/S	
x.	<u>Level 24</u>			
a.	Existing MP-OFFICE-T24	1	L/S	
b.	Existing DB-OFFICE-T24	1	L/S	
xi.	<u>Level 31</u>			
a.	Existing MP-OFFICE-T31	1	L/S	
b.	Existing DB-OFFICE-T31	1	L/S	
xii.	<u>Level 32</u>			
a.	Existing MP-OFFICE-T32	1	L/S	
b.	Existing DB-OFFICE-T32	1	L/S	
xiii.	<u>Level 33</u>			
a.	Existing MP-OFFICE-T33	1	L/S	
b.	Existing DB-OFFICE-T33	1	L/S	
xiv.	<u>Level 34</u>			
a.	Existing MP-OFFICE-T34	1	L/S	
b.	Existing DB-FC-T34	1	L/S	
c.	Existing DB-LNG-T34	1	L/S	
xv.	<u>Level 35</u>			
a.	Existing MP-OFFICE-T35	1	L/S	
b.	Existing DB-OFFICE-T35	1	L/S	
2	Supply and install new distribution boards and sub-switchboard as per shown in the drawing, namely:			
i	<u>Level 12</u>			
a.	New UDB-L12	1	L/S	
b.	New DB/OFFICE/L12	1	L/S	
c.	New UDB-IDF-L12	1	L/S	
d.	New DB-IDF-L12	1	L/S	
AMOUNT CARRIED FORWARD				

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AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
ii.	<u>Level 13</u>			
a.	New UDB-L13	1	L/S	
b.	New DB/OFFICE/L13	1	L/S	
c.	New UDB-IDF-L13	1	L/S	
d.	New DB-IDF-L13	1	L/S	
iii.	<u>Level 17</u>			
a.	New UDB-L17	1	L/S	
b.	New DB/OFFICE/L17	1	L/S	
c.	New UDB-IDF-L17	1	L/S	
d.	New DB-IDF-L17	1	L/S	
iv.	<u>Level 18</u>			
a.	New UDB-L18	1	L/S	
b.	New DB/OFFICE/L18	1	L/S	
c.	New UDB-IDF-L18	1	L/S	
d.	New DB-IDF-L18	1	L/S	
v.	<u>Level 19</u>			
a.	New UDB-L19	1	L/S	
b.	New DB/OFFICE/L19	1	L/S	
c.	New UDB-IDF-L19	1	L/S	
d.	New DB-IDF-L19	1	L/S	
vi.	<u>Level 20</u>			
a.	New UDB-L20	1	L/S	
b.	New DB/OFFICE/L20	1	L/S	
c.	New UDB-IDF-L20	1	L/S	
d.	New DB-IDF-L20	1	L/S	
vii.	<u>Level 21</u>			
a.	New USSB-NETOPS UPS DB	1	L/S	
b.	New UDB-L21	1	L/S	
c.	New DB/OFFICE/L21	1	L/S	
d.	New UDB-MDF-L21	1	L/S	
e.	New DB-MDF-L21	1	L/S	
f.	New UDB-ISP-L21	1	L/S	
g.	New DB-ISP-L21	1	L/S	
viii.	<u>Level 22</u>			
a.	New USSB-REWS UPS DB	1	L/S	
b.	New UDB-L22	1	L/S	
c.	New DB/OFFICE/L22	1	L/S	
d.	New UDB-IDF-L22	1	L/S	
e.	New DB-IDF-L22	1	L/S	
AMOUNT CARRIED FORWARD				

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AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
ix.	<u>Level 23</u>			
a.	New UDB-L23	1	L/S	
b.	New DB/OFFICE/L23	1	L/S	
x.	<u>Level 24</u>			
a.	New UDB-L24	1	L/S	
b.	New DB/OFFICE/L24	1	L/S	
c.	New UDB-IDF-L24	1	L/S	
d.	New DB-IDF-L24	1	L/S	
xi.	<u>Level 31</u>			
a.	New UDB-L31	1	L/S	
b.	New DB/OFFICE/L31	1	L/S	
c.	New UDB-IDF-L31	1	L/S	
d.	New DB-IDF-L31	1	L/S	
xii.	<u>Level 32</u>			
a.	New UDB-L32	1	L/S	
b.	New DB/OFFICE/L32	1	L/S	
c.	New UDB-IDF-L32	1	L/S	
d.	New DB-IDF-L32	1	L/S	
xiii.	<u>Level 33</u>			
a.	New UDB-L33		L/S	
b.	New DB/OFFICE/L33		L/S	
c.	New UDB-IDF-L33		L/S	
d.	New DB-IDF-L33		L/S	
xiv.	<u>Level 34</u>			
a.	New UDB-L34	1	L/S	
b.	New DB/OFFICE/L34	1	L/S	
c.	New DB/KIT/L34	1	L/S	
xv.	<u>Level 35</u>			
a.	New UDB-L35	1	L/S	
b.	New DB/OFFICE/L35	1	L/S	
c.	New UDB-IDF-L35	1	L/S	
d.	New DB-IDF-L35	1	L/S	
xvi.	<u>Kitchen (L23)</u>			
a.	New DB/KIT/L23	1	L/S	
xvii.	<u>Kitchen (L34)</u>			
a.	New DB/KIT/L34	1	L/S	
3	Supply and install new capacitor bank c/w necessary accessories as per shown in the drawing, namely:			
AMOUNT CARRIED FORWARD				

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AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
i.	<u>Level 12</u>			
a.	New CAPBANK/L12	1	L/S	
ii.	<u>Level 13</u>			
a.	New CAPBANK/L13	1	L/S	
iii.	<u>Level 17</u>			
a.	New CAPBANK/L17	1	L/S	
iv.	<u>Level 18</u>			
a.	New CAPBANK/L18	1	L/S	
v.	<u>Level 19</u>			
a.	New CAPBANK/L19	1	L/S	
vi.	<u>Level 20</u>			
a.	New CAPBANK/L20	1	L/S	
vii.	<u>Level 21</u>			
a.	New CAPBANK/L21	1	L/S	
viii.	<u>Level 22</u>			
a.	New CAPBANK/L22	1	L/S	
ix.	<u>Level 23</u>			
a.	New CAPBANK/L23	1	L/S	
x.	<u>Level 24</u>			
a.	New CAPBANK/L24	1	L/S	
xi.	<u>Level 31</u>			
a.	New CAPBANK/L31	1	L/S	
xii.	<u>Level 32</u>			
a.	New CAPBANK/L32	1	L/S	
xiii.	<u>Level 33</u>			
a.	New CAPBANK/L33	1	L/S	
xiv.	<u>Level 34</u>			
a.	New CAPBANK/L34	1	L/S	
xv.	<u>Level 35</u>			
a.	New CAPBANK/L35	1	L/S	
AMOUNT CARRIED FORWARD				

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AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
4	Upgrading of existing landlord MSB by adding RCCB, MCCB, MCB internal wiring to cater for additional outgoing c/w necessary accessories as per shown in the drawing. Additional extension SSB/ DB to be added if existing SSB/ DB do not have space to add.	1	L/S	
5	Supply and install sub-mains cable c/w necessary accessories as below, slab & wall opening, sealing with Bomba approved fire seal. making good are deemed inclusive:			
a.	4 x 25 mm sq. /1C PVC cu. cable + E in M.S Trunking from Existing MP-OFFICE-T12 to New DB/OFFICE/L12	1	L/S	
b.	4 x 16 mm sq. /1C PVC cu. cable + E in M.S Trunking from New DB/OFFICE/L12 to New DB-IDF-L12	1	L/S	
c.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L12 to CP-EAF-L12	1	L/S	
d.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L12 to CP-FCU-L12-01	1	L/S	
e.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L12 to CP-EP-L12-01	1	L/S	
f.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L12 to CP-EP-L12-02	1	L/S	
g.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L12 to CP-FCU-L12-02	1	L/S	
h.	4 x 25 mm sq. /1C PVC cu. cable + E in M.S Trunking from Existing MP-OFFICE-T13 to New DB/OFFICE/L13	1	L/S	
i.	4 x 16 mm sq. /1C PVC cu. cable + E in M.S Trunking from New DB/OFFICE/L13 to New DB-IDF-L13	1	L/S	
j.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L13 to CP-EAF-L13	1	L/S	
k.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L13 to CP-FCU-L13-01	1	L/S	
n.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L13 to CP-FCU-L13-02	1	L/S	
o.	4 x 25 mm sq. /1C PVC cu. cable + E in M.S Trunking from Existing MP-OFFICE-T17 to New DB/OFFICE/L17	1	L/S	
p.	4 x 16 mm sq. /1C PVC cu. cable + E in M.S Trunking from New DB/OFFICE/L17 to New DB-IDF-L17	1	L/S	
q.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L17 to CP-EAF-L17	1	L/S	
r.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L17 to CP-FCU-L17-01	1	L/S	
s.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L17 to CP-EP-L17-01	1	L/S	
t.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L17 to CP-EP-L17-02	1	L/S	
u.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L17 to CP-FCU-L17-02	1	L/S	
AMOUNT CARRIED FORWARD				

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AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
v.	4 x 10 mm sq. /1C PVC cu. cable + E in M.S Trunking from New DB/OFFICE/L17 to CP-VRF-L17	1	L/S	
w.	4 x 25 mm sq. /1C PVC cu. cable + E in M.S Trunking from Existing MP-OFFICE-T18 to New DB/OFFICE/L18	1	L/S	
x.	4 x 16 mm sq. /1C PVC cu. cable + E in M.S Trunking from New DB/OFFICE/L18 to New DB-IDF-L18	1	L/S	
y.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L18 to CP-EAF-L18	1	L/S	
z.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L18 to CP-FCU-L18-01	1	L/S	
aa.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L18 to CP-FCU-L18-02	1	L/S	
ab.	4 x 25 mm sq. /1C PVC cu. cable + E in M.S Trunking from Existing MP-OFFICE-T19 to New DB/OFFICE/L19	1	L/S	
ac.	4 x 16 mm sq. /1C PVC cu. cable + E in M.S Trunking from New DB/OFFICE/L19 to New DB-IDF-L19	1	L/S	
ad.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L19 to CP-EAF-L19	1	L/S	
ae.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L19 to CP-FCU-L19-01	1	L/S	
af.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L19 to CP-FCU-L19-02	1	L/S	
ag.	4 x 25 mm sq. /1C PVC cu. cable + E in M.S Trunking from Existing MP-OFFICE-T20 to New DB/OFFICE/L20	1	L/S	
ah.	4 x 16 mm sq. /1C PVC cu. cable + E in M.S Trunking from New DB/OFFICE/L20 to New DB-IDF-L20	1	L/S	
ai.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L20 to CP-EAF-L20	1	L/S	
aj.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L20 to CP-FCU-L20-01	1	L/S	
ak.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L20 to CP-FCU-L20-02	1	L/S	
al.	4 x 25 mm sq. /1C PVC cu. cable + E in M.S Trunking from Existing MP-OFFICE-T21 to New DB/OFFICE/L21	1	L/S	
am.	4 x 25 mm sq. /1C PVC cu. cable + E in M.S Trunking from New USSB-NETOPS UPS DB to New UDB-MDF-L21	1	L/S	
an.	4 x 25 mm sq. /1C PVC cu. cable + E in M.S Trunking from New DB/OFFICE/L21 to New DB-MDF-L21	1	L/S	
ao.	4 x 25 mm sq. /1C PVC cu. cable + E in M.S Trunking from New USSB-NETOPS UPS DB to New UDB-ISP-L21	1	L/S	
ap.	4 x 25 mm sq. /1C PVC cu. cable + E in M.S Trunking from New DB/OFFICE/L21 to New DB-ISP-L21	1	L/S	
aq.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L21 to CP-EAF-L21	1	L/S	
ar.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L21 to CP-FCU-L21-01	1	L/S	
as.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L21 to CP-FCU-L21-02	1	L/S	
AMOUNT CARRIED FORWARD				

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AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
at.	4 x 25 mm sq. /1C PVC cu. cable + E in M.S Trunking from Existing MP-OFFICE-T22 to New DB/OFFICE/L22	1	L/S	
au.	4 x 16 mm sq. /1C PVC cu. cable + E in M.S Trunking from New DB/OFFICE/L22 to New DB-IDF-L22	1	L/S	
av.	4 x 25 mm sq. /1C PVC cu. cable + E in M.S Trunking from New USSB-REWS UPS DB to New UDB-L22	1	L/S	
aw.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L22 to CP-EAF-L22	1	L/S	
ax.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L22 to CP-FCU-L22-01	1	L/S	
ay.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L22 to CP-FCU-L22-02	1	L/S	
az.	4 x 25 mm sq. /1C PVC cu. cable + E in M.S Trunking from Existing MP-OFFICE-T23 to New DB/OFFICE/L23	1	L/S	
ba.	4 x 4 mm sq. /1C PVC cu. cable + E in M.S Trunking from New DB/OFFICE/L23 to CP-FCU-L23-KIT	1	L/S	
bb.	4 x 4 mm sq. /1C PVC cu. cable + E in M.S Trunking from New DB/OFFICE/L23 to CP-FCU-L23-01	1	L/S	
bc.	4 x 4 mm sq. /1C PVC cu. cable + E in M.S Trunking from New DB/OFFICE/L23 to CP-FCU-L23-02	1	L/S	
bd.	4 x 25 mm sq. /1C PVC cu. cable + E in M.S Trunking from New DB/OFFICE/L23 to CP-EAF-L23-KIT	1	L/S	
be.	4 x 25 mm sq. /1C PVC cu. cable + E in M.S Trunking from Existing MP-OFFICE-T24 to New DB/OFFICE/L24	1	L/S	
bf.	4 x 16 mm sq. /1C PVC cu. cable + E in M.S Trunking from New DB/OFFICE/L24 to New DB-IDF-L24	1	L/S	
bg.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L24 to CP-EAF-L24	1	L/S	
bh.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L24 to CP-FCU-L24-01	1	L/S	
bi.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L24 to CP-FCU-L24-02	1	L/S	
bj.	4 x 25 mm sq. /1C PVC cu. cable + E in M.S Trunking from Existing MP-OFFICE-T31 to New DB/OFFICE/L31	1	L/S	
bk.	4 x 16 mm sq. /1C PVC cu. cable + E in M.S Trunking from New DB/OFFICE/L31 to New DB-IDF-L31	1	L/S	
bk.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L31 to CP-EAF-L31	1	L/S	
bl.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L31 to CP-FCU-L31-01	1	L/S	
bm.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L31 to CP-FCU-L31-02	1	L/S	
bn.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L31 to CP-EP-L31-01	1	L/S	
bo.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L31 to CP-EP-L31-02	1	L/S	
AMOUNT CARRIED FORWARD				

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AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
bp.	4 x 25 mm sq. /1C PVC cu. cable + E in M.S Trunking from Existing MP-OFFICE-T32 to New DB/OFFICE/L32	1	L/S	
bq.	4 x 16 mm sq. /1C PVC cu. cable + E in M.S Trunking from New DB/OFFICE/L32 to New DB-IDF-L32	1	L/S	
br.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L32 to CP-EAF-L32	1	L/S	
bs.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L32 to CP-FCU-L32-01	1	L/S	
bt.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L32 to CP-FCU-L32-02	1	L/S	
bu.	4 x 25 mm sq. /1C PVC cu. cable + E in M.S Trunking from Existing MP-OFFICE-T33 to New DB/OFFICE/L33	1	L/S	
bv.	4 x 16 mm sq. /1C PVC cu. cable + E in M.S Trunking from New DB/OFFICE/L33 to New DB-IDF-L33	1	L/S	
bw.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L33 to CP-EAF-L33	1	L/S	
bx.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L33 to CP-FCU-L33-01	1	L/S	
by.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L33 to CP-FCU-L33-02	1	L/S	
bz.	4 x 25 mm sq. /1C PVC cu. cable + E in M.S Trunking from Existing MP-OFFICE-T34 to New DB/OFFICE/L34	1	L/S	
ca.	4 x 16 mm sq. /1C PVC cu. cable + E in M.S Trunking from New DB/OFFICE/L34 to CP-EAF-L34	1	L/S	
cb.	4 x 16 mm sq. /1C PVC cu. cable + E in M.S Trunking from New DB/OFFICE/L34 to CP-FCU-L34-01	1	L/S	
cc.	4 x 4 mm sq. /1C PVC cu. cable + E in M.S Trunking from New DB/OFFICE/L34 to CP-FCU-L34-KIT	1	L/S	
cd.	4 x 25 mm sq. /1C PVC cu. cable + E in M.S Trunking from Existing MP-OFFICE-T35 to New DB/OFFICE/L35	1	L/S	
ce.	4 x 16 mm sq. /1C PVC cu. cable + E in M.S Trunking from New DB/OFFICE/L35 to New DB-IDF-L35	1	L/S	
cf.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L35 to CP-EAF-L35	1	L/S	
cg.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L35 to CP-FCU-L35-01	1	L/S	
ch.	2 x 4 mm sq. /1C PVC cu. cable + E in G.I conduit from New DB/OFFICE/L35 to CP-FCU-L35-02	1	L/S	
ci.	4 x 16 mm sq. /1C PVC cu. cable + E in M.S Trunking from New DB/OFFICE/L35 to CP-VRF-L35	1	L/S	
AMOUNT CARRIED FORWARD				

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ELECTRICAL SYSTEM WORKS
ELECTRICAL SYSTEM INSTALLATION**

AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
6	Supply and install sub-mains cable c/w tap off unit and other necessary accessories as below:			
a.	4 x 50 mm sq. /1C XLPE/PVC cu. cable + E in M.S Trunking from New USSB-NETOPS UPS DB to UDB-IDF-L22, UDB-IDF-L24, UDB-IDF-L31, UDB-IDF-L32, UDB-IDF-L33 & UDB-IDF-L35	1	L/S	
b.	4 x 50 mm sq. /1C XLPE/PVC cu. cable + E in M.S Trunking from New USSB-NETOPS UPS DB to UDB-IDF-L12, UDB-IDF-L13, UDB-IDF-L17, UDB-IDF-L18, UDB-IDF-L19 & UDB-IDF-L20	1	L/S	
c.	4 x 120 mm sq. /1C XLPE/PVC cu. cable + E in M.S Trunking from New USSB-REWS UPS DB to UDB-L23, UDB-L24, UDB-L31, UDB-L32, UDB-L33, UDB-L34 & UDB-L35	1	L/S	
d.	4 x 150 mm sq. /1C XLPE/PVC cu. cable + E in M.S Trunking from New USSB-REWS UPS DB to UDB-L12, UDB-L13, UDB-L17, UDB-L18, UDB-L19, UDB-L20 & UDB-L21	1	L/S	
7	Provision sum for supply and install sub-mains cable inclusive of riser floor opening, wall opening, sealing with Bomba approved fire seal and making good of existing are deemed inclusive:			
a.	4 x 35 mm sq. /1C PVC cu. cable + E in tray from Landlord MSB to CP-VRF-L19	meter	245.00	
b.	8 x 150 mm sq. /1C XLPE/PVC cu. cable + E in tray from Landlord MSB to New USSB-NETOPS UPS DB	meter	270.00	
c.	4 x 35 mm sq. /1C PVC cu. cable + E in tray from Landlord MSB to CP-CRAC-L21	meter	255.00	
d.	8 x 300 mm sq. /1C XLPE/PVC cu. cable + E in tray from Landlord MSB to New USSB-REWS UPS DB	meter	270.00	
e.	2 x 10 mm sq. /1C PVC cu. cable + E in G.I. conduit from Landlord MSB to Internal Roller Shutter at L23	meter	305.00	
9	Provision sum for supply and install sub-mains cable (Kitchen) inclusive of riser floor opening, wall opening, sealing with Bomba approved fire seal and making good of existing are deemed inclusive:			
a.	8 x 185 mm sq. /1C XLPE/PVC cu. cable + E in tray from Landlord MSB to New DB/KIT/L23	meter	305.00	
b.	8 x 240 mm sq. /1C XLPE/PVC cu. cable + E in tray from Landlord MSB to New DB/KIT/L34	meter	370.00	
10	Supply and install cable containment c/w M.S Trunking, G.I conduit, UPVC conduit, cable basket, cable tray, bracket support, junction boxes and to drop down where required as follows as per shown in drawings:			
i.	Level 12			
a.	Electrical	1	L/S	
b.	Security	1	L/S	
c.	Netops	1	L/S	
d.	AV System	1	L/S	
e.	BMS	1	L/S	
AMOUNT CARRIED FORWARD				

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AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
f.	MPOE	1	L/S	
ii.	<u>Level 13</u>			
a.	Electrical	1	L/S	
b.	Security	1	L/S	
c.	Netops	1	L/S	
d.	AV System	1	L/S	
e.	BMS	1	L/S	
f.	MPOE	1	L/S	
iii.	<u>Level 17</u>			
a.	Electrical	1	L/S	
b.	Security	1	L/S	
c.	Netops	1	L/S	
d.	AV System	1	L/S	
e.	BMS	1	L/S	
f.	MPOE	1	L/S	
iv.	<u>Level 18</u>			
a.	Electrical	1	L/S	
b.	Security	1	L/S	
c.	Netops	1	L/S	
d.	AV System	1	L/S	
e.	BMS	1	L/S	
f.	MPOE	1	L/S	
v.	<u>Level 19</u>			
a.	Electrical	1	L/S	
b.	Security	1	L/S	
c.	Netops	1	L/S	
d.	AV System	1	L/S	
e.	BMS	1	L/S	
f.	MPOE	1	L/S	
vi.	<u>Level 20</u>			
a.	Electrical	1	L/S	
b.	Security	1	L/S	
c.	Netops	1	L/S	
d.	AV System	1	L/S	
e.	BMS	1	L/S	
f.	MPOE	1	L/S	
vii.	<u>Level 21</u>			
a.	Electrical	1	L/S	
b.	Security	1	L/S	
c.	Netops	1	L/S	
d.	AV System	1	L/S	
e.	BMS	1	L/S	
AMOUNT CARRIED FORWARD				

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AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
f.	MPOE	1	L/S	
viii.	<u>Level 22</u>			
a.	Electrical	1	L/S	
b.	Security	1	L/S	
c.	Netops	1	L/S	
d.	AV System	1	L/S	
e.	BMS	1	L/S	
f.	MPOE	1	L/S	
ix.	<u>Level 23</u>			
a.	Electrical	1	L/S	
b.	Security	1	L/S	
c.	Netops	1	L/S	
d.	AV System	1	L/S	
e.	BMS	1	L/S	
f.	MPOE	1	L/S	
xi.	<u>Level 31</u>			
a.	Electrical	1	L/S	
b.	Security	1	L/S	
c.	Netops	1	L/S	
d.	AV System	1	L/S	
e.	BMS	1	L/S	
f.	MPOE	1	L/S	
xii.	<u>Level 32</u>			
a.	Electrical	1	L/S	
b.	Security	1	L/S	
c.	Netops	1	L/S	
d.	AV System	1	L/S	
e.	BMS	1	L/S	
f.	MPOE	1	L/S	
xiii.	<u>Level 33</u>			
a.	Electrical	1	L/S	
b.	Security	1	L/S	
c.	Netops	1	L/S	
d.	AV System	1	L/S	
e.	BMS	1	L/S	
f.	MPOE	1	L/S	
xiv.	<u>Level 34</u>			
a.	Electrical	1	L/S	
b.	Security	1	L/S	
c.	Netops	1	L/S	
d.	AV System	1	L/S	
e.	BMS	1	L/S	
f.	MPOE	1	L/S	
AMOUNT CARRIED FORWARD				

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AMOUNT BROUGHT FORWARD				
NO	DESCRIPTION	UNIT	QTY	AMOUNT (RM)
<u>ELECTRICAL SYSTEM INSTALLATION (CONT'D)</u>				
xv.	Level 35			
a.	Electrical	1	L/S	
b.	Security	1	L/S	
c.	Netops	1	L/S	
d.	AV System	1	L/S	
e.	BMS	1	L/S	
f.	MPOE	1	L/S	
11	Earthing and equipotential bonding of the entire electrical installation including system furniture, partitions, raised floors, pipings etc. in accordance to IEC 60364.	1	L/S	
12	Earthing for UPS system, c/w earth bar, cable, copper tape, etc: a) REWS UPS (level 22) b) NetOps UPS (level 21)	1 1	L/S L/S	
13	Supply and install clean earth bar, namely 50 mm x 25 mm tinned cu bar on wall to MDF, IDF and ISP room c/w 70 sq mm green PVC cu cable in trunking from the nearest telco riser / mdf room (Basement 1)	1	L/S	
14	TNB meter application, liaison with TNB until supply energize.	1	L/S	
15	Coring on floors and walls for openings as require and making good of any openings including sealing back with approved fire barrier where applicable.	1	L/S	
16	Testing and commissioning of the electrical system c/w documented records, in accordance with IEC standards & ST guide.	1	L/S	
17	Tenderer to quote for the following system, as an add-on from the programmable lighting control system, but not to be added to tender sum: a) office space usage analysis application, with capabilities to view occupancy patterns, space utilizationm, heat mapping, population movement, visual analysis, with programmable zoning, etc.	1	L/S	
	Optional cost: RM _____			
	<u>Tenderer to also list any annual subscription (if required, or to note clearly if it is one-time cost) cost for the above:</u> RM _____			
18	Miscellaneous requirements including other items not listed above but which will be required for the complete installation:- a. _____ b. _____ c. _____			
SUB-TOTAL FOR ELECTRICAL WORK INSTALLATION				