ANNEX E

SERVICE SCHEDULE - L2 VPN SERVICE

NUCLEUS CONNECT PTE. LTD. INTERCONNECTION OFFER (ICO) AGREEMENT SERVICE SCHEDULE – L2 VPN SERVICE

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1. INTRODUCTION

- 1.1 This Service Schedule sets out the terms and conditions under which Nucleus Connect will provide the service known as L2 VPN Service (as defined below) to the Contracting QP.
- 1.2 This Service Schedule comprises the following:
 - (a) the provisions herein;
 - (b) subject to paragraph 6, the General Service Terms and Conditions and the following Appendices:
 - (i) Appendix 1: Provisioning Timeframe;
 - (ii) Appendix 2: Service Level Guarantees; and
 - (c) Orders submitted by the Contracting QP in relation to this Service Schedule.
- 1.3 In the event of any inconsistency or conflict between the provisions herein, the General Service Terms and Conditions and Orders submitted by the Contracting QP in relation to this Service Schedule, the order of precedence shall be as follows:
 - (a) the provisions herein;
 - (b) Orders submitted by the Contracting QP in relation to this Service Schedule; and
 - (c) the General Service Terms and Conditions.
- 1.4 The Master ICO Agreement, including the Annexes, shall apply unless and to the extent amended or supplemented by the provisions of this Service Schedule.
- 1.5 In this Service Schedule, a reference to a paragraph, unless stated otherwise, is to a paragraph of this Service Schedule.

2. DEFINITIONS AND INTERPRETATION

- 2.1 Unless otherwise defined herein this Service Schedule, all terms and expressions used herein will be construed to have the same meanings as found in the Master ICO Agreement and the General Service Terms and Conditions. Where a term or expression is defined specifically in this Service Schedule herein, the provisions herein shall prevail.
- 2.2 In this Service Schedule:

Class of means any of the following class of service:

Service or CoS

- (a) Class A Real Time (Class A);
- (b) Class B Near Real Time (Class B); or
- (c) Class C Mission Critical (Class C),

each of which is prescribed QoS parameters as set out in the tables in paragraphs 4.2(c) and 4.7(d);

Committed Information Rate (CIR) means the minimum bandwidth that Nucleus Connect guarantees over the A-B segment of the diagram in the definition of "QoS" for each L2 VPN Connection (or as the case may be, EPL-Gigabit Connection);

Downlink

means bandwidth in the downstream direction (from Aggregation Network to the End-User);

EPL-Gigabit Connection

means a gigabit point-to-point Ethernet private line between two Non-Residential Premises;

L2 VPN Connection means an end-to-end private layer 2 connection that allows the End-User to establish point-to-point or point-to-multipoint connections between Non-Residential Premises, excluding any EPL-Gigabit Connection;

L2 VPN Service

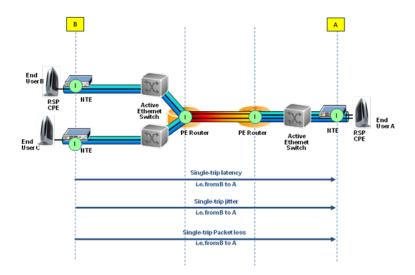
means:

- (a) a point to point L2 VPN Connection and/or L2 VPN Service Port. A point to multipoint topology can be established by ordering multiple point to point L2 VPN Connections on the same L2 VPN Service Port. All the point to point L2 VPN Connections will be uniquely and logically separated by VLAN (IEEE802.1q or IEEEQ-in-Q). Inter L2 VPN Connections traffic will be switched by the End-User's equipment; or
- (b) an EPL-Gigabit Connection;

L2 VPN Service Port

means the physical port whereby L2 VPN Connection or (as the case may be) EPL-Gigabit Connection will be delivered to the End-User. Multiple point to point L2 VPN Connections multiplexed to a single L2 VPN Service Port is supported for point-to-multipoint topology;

Peak Information Rate (PIR) means the maximum bandwidth that each L2 VPN Connection (or as the case may be, each EPL-Gigabit Connection) can reach over the A-B segment of the diagram in the definition of "QoS" in the absence of any sort of traffic aggregation, congestion or multiplexing; Quality of Service or (QoS) means the service levels committed for ensuring delivery of services over the A-B-A segment of the diagram below, measured by Latency and Packet Loss as set out in the tables in paragraph 4.2(c) and 4.7(d);



Service Port ID means an identification number assigned by Nucleus Connect to a

L2 VPN Service Port that has been provisioned for the Contracting

QP;

Symmetrical means equal bandwidth for Uplink and Downlink (between the End-

User and the Aggregation Network); and

Uplink means bandwidth in the upstream direction (from the End-User to

the Aggregation Network).

3. COMMENCEMENT

This Service Schedule shall commence with effect from the date that the Contracting QP first places an Order to take up a L2 VPN Service, in accordance with the General Service Terms and Conditions.

4. SERVICE REQUIRMENTS

Requirements for L2 VPN Connections

- 4.1 The Contracting QP shall place one (1) Order for each L2 VPN Connection. For example, if the Contracting QP wishes to take up two (2) L2 VPN Connections, the Contracting QP shall submit two (2) separate Orders.
- 4.2 When placing an Order for an L2 VPN Connection, the Contracting QP shall be required to:
 - (a) Specify two (2) L2 VPN Service Port types and the addresses of the installation locations. The L2 VPN Service Ports may be new or then existing and if the latter, the Contracting QP shall be required to specify the Service Port IDs in respect of such L2 VPN Service Ports. The L2 VPN Service Port

type is either Fast Ethernet ("FE Service Port") or Gigabit Ethernet ("GE Service Port").

For FE Service Port(s), each L2 VPN Connection will have a Symmetrical PIR of 100Mbps.

For GE Service Port(s), each L2 VPN Connection will have a Symmetrical PIR of 1Gbps.

- (b) Specify the VLAN (IEEE 802.1q or IEEEQ-in-Q) tag permitted to be transparently carried by the L2 VPN Connection. In the case of multiple L2 VPN Connections sharing the same L2 VPN Service Port, the maximum number of VLANs that can be configured per L2 VPN Service Port is sixteen (16).
- (c) Subscribe to only one (1) Class of Service for such L2 VPN Connection and indicate the total Symmetrical CIR it wishes to purchase in blocks of 5Mbps, provided that:
 - (i) the Symmetrical CIR for such Class of Service shall be no more than 100Mbps for FE Service Port, and 1Gbps for GE Service Port;
 - (ii) such Class of Service shall have a minimum Symmetrical CIR of 25Mbps; and
 - (iii) where there are multiple L2 VPN Connections sharing the same L2 VPN Service Port, the aggregate Symmetrical CIR for such L2 VPN Connections shall be no more than 100Mbps for FE Service Port, and 1Gbps for GE Service Port.

The Contracting QP may subsequently from time to time, increase or decrease the Symmetrical CIR of the Class of Service subscribed for such L2 VPN Connection, in blocks of 5Mbps, provided that sub-paragraphs (i) to (iii) above are complied with. Such increase or decrease of Symmetrical CIR shall constitute a Modification for which the Contracting QP shall be required to submit an Order pursuant to and in accordance with the General Service Terms and Conditions.

The table below sets out the performance parameters of the Classes of Services for L2 VPN Connection.

Class Of Service	Latency	Packet Loss
Class A Real Time	8ms	0.1%
Class B Near Real Time	15ms	0.1%
Class C Mission Critical	20ms	0.05%

4.3 If the Contracting QP injects traffic into any L2 VPN Connection which exceeds the Symmetrical CIR purchased pursuant to paragraph 4.2(c), the Contracting QP acknowledges and agrees that notwithstanding that Nucleus Connect will endeavour to deliver such excess traffic, such delivery is not guaranteed. For the avoidance of doubt, the Contracting QP shall not be able to inject traffic into any L2 VPN Connection which exceeds the PIR as set out in paragraph 4.2(a).

- 4.4 Only one (1) Class of Service is supported per L2 VPN Connection. A L2 VPN Service Port can support multiple L2 VPN Connections of the same or different Classes of Service.
- 4.5 The Contracting QP must adhere to Nucleus Connect's QoS tagging scheme when sending or receiving data traffic through any L2 VPN Connection from the relevant L2 VPN Service Port(s). Such QoS tagging scheme requires the use of priority bit value 5 for Class A, priority bit value 4 for Class B and priority bit value 2 for Class C.
- 4.6 In relation to any L2 VPN Connection taken up by the Contracting QP, if the Contracting QP wishes to change the then existing L2 VPN Service Port type in respect of such L2 VPN Connection (from FE Service Port to GE Service Port or vice versa), such event shall constitute a Modification for which the Contracting QP shall be required to submit an Order pursuant to and in accordance with the General Service Terms and Conditions.

Requirements for EPL-Gigabit Connections

- 4.7 When placing an Order for an EPL-Gigabit Connection, the Contracting QP shall be required to:
 - (a) place one (1) Order for each EPL-Gigabit Connection. For example, if the Contracting QP wishes to take up two (2) EPL-Gigabit Connections, the Contracting QP shall submit two (2) separate Orders.
 - (b) Specify two (2) L2 VPN Service Ports (GE (1Gbps) Service Port for Non-Residential Premise type only) and the addresses of the installation locations. The installation locations shall be Non-Residential Premises only. The underlying access technology for such L2 VPN Service Ports shall be based on AE. If pursuant to the Contracting QP's request, Nucleus Connect is not able to provide such EPL-Gigabit Connection based on AE, Nucleus Connect shall be entitled to reject the Order for the EPL-Gigabit Connection, but shall not impose any charges on the Contracting QP in respect of the rejection of such Order.
 - (c) Specify the VLAN (IEEE 802.1q or IEEEQ-in-Q) tag permitted to be transparently carried by the EPL-Gigabit Connection. Sharing of multiple EPL-Gigabit Connection(s), or EPL-Gigabit Connection and L2 VPN Connection(s) on the same L2 VPN Service Port (GE (1Gbps) Service Port for Non-Residential Premise type only) is not permitted.
 - (d) Subscribe to only one (1) Class of Service for such EPL-Gigabit Connection. Each EPL-Gigabit Connection shall have a Symmetrical PIR/CIR of 1Gbps

The Contracting QP may subsequently from time to time, change the Class of Service subscribed for such EPL-Gigabit Connection. Such changes shall constitute a Modification for which the Contracting QP shall be required to submit an Order pursuant to and in accordance with the General Service Terms and Conditions.

The table below sets out the performance parameters of the Classes of Services for EPL-Gigabit Connection.

Class Of Service	Latency	Packet Loss
Class A Real Time	16ms	0.025%

Class B Near Real Time	30ms	0.050%
Class C Mission Critical	40ms	0.10%

- 4.8 Only one (1) Class of Service is supported per EPL-Gigabit Connection. A L2 VPN Service Port can only support a single EPL-Gigabit Connection.
- 4.9 The Contracting QP must adhere to Nucleus Connect's QoS tagging scheme when sending or receiving data traffic through any EPL-Gigabit Connection from the relevant L2 VPN Service Port(s). Such QoS tagging scheme requires the use of priority bit value 5 for Class A, priority bit value 4 for Class B and priority bit value 2 for Class C.

General Requirements

- 4.10 In relation to any L2 VPN Connection/Service Port taken up by the Contracting QP, if the Contracting QP wishes to change the L2 VPN Connection/Service Port into an EPL-Gigabit Connection, the Contracting QP shall:
 - (a) place an Order for the Deactivation of such L2 VPN Connection/Service Port, whereupon paragraph 8 of the General Service Terms and Conditions will apply; Provided That no Deactivation Charge or Early Termination Charge will be imposed on the Contracting QP in respect of such Order which was submitted by the Contracting QP to Nucleus Connect before 9 May 2011; and
 - (b) pursuant to paragraph 4.7, place an Order to take up a new EPL-Gigabit Connection/Service Port with an underlying access technology based on AE, whereupon paragraph 5.3 of the General Service Terms and Conditions will apply.

The provisions of sub-paragraphs (a) and (b) shall also apply mutatis mutandis where the Contracting QP wishes to change from an EPL-Gigabit Connection to a L2 VPN Connection.

- 4.11 If, in relation to an Order to take up a L2 VPN Service, the installation location required is a Non-Residential Premises and the Contracting QP indicates to Nucleus Connect in such Order that it does not require OpenNet to provide the fibre and inbuilding cabling between the FTTB Node and the 1st TP for the relevant Non-Residential Building, the Contracting QP shall be responsible for the supply and maintenance of such fibre and in-building cabling. In such event, the Contracting QP acknowledges and agrees that:
 - (a) the Contracting QP shall bear the following Charges on a per L2 VPN Service Port basis:
 - (i) ON Charges, except those ON Charges which would be subject to paragraph 4.11(a)(iii), which have been incurred by Nucleus Connect, or which Nucleus Connect has committed to incur, in connection therewith;
 - (ii) any Third Party Charges which have been incurred by Nucleus Connect, or which Nucleus Connect has committed to incur, in connection therewith; and
 - (iii) any other third party charges, OpenNet's charges and/or ON Charges agreed pursuant to paragraph 5.2 or 6.3 of the General Service Terms and Conditions which have been incurred by Nucleus

Connect, or which Nucleus Connect has committed to incur, in connection therewith:

- (b) the Contracting QP shall provide fibre and in-building cabling from the FTTB Node and up to and including the 1st TP that is of a quality that is fit-for-purpose; and
- (c) the Contracting QP shall make such fibre and in-building cabling from the FTTB Node and up to and including the 1st TP, available and ready for Nucleus Connect's use at least three (3) Business Days before the RFS Date in respect of such L2 VPN Service.

For the avoidance of doubt, if the Contracting QP fails to comply with sub-paragraphs (b) and (c) above and due to such failure, Nucleus Connect is not able to provision and activate such L2 VPN Service by the scheduled RFS Date, the Contracting QP shall not be entitled to make any claim under Appendix 1 of the General Service Terms and Conditions, and Nucleus Connect shall be entitled to commence charging the Contracting QP the Monthly Recurring NC Charges set out in paragraph 5.1 on such scheduled RFS Date (and not the delayed date that such L2 VPN Service is in fact activated).

5. CHARGES

The Charges set out in this paragraph 5 are the rates payable by the Contracting QP on a L2 VPN Connection (or as the case may be, an EPL-Gigabit Connection) and a L2 VPN Service Port basis.

5.1 Monthly Recurring NC Charges

Nucleus Connect will commence charging the Contracting QP the Monthly Recurring NC Charges specified below on the RFS Date.

Per End-to-End L2 VPN Connection		Monthly Re	curring NC Charge
		First 25Mbps	Next 5Mbps
	Real Time	\$420	\$84.00
Class of	Near Real Time	\$358	\$71.60
Service	Mission Critical	\$277	\$55.40

Per EPL-Gigabit Connection (Symmetrical 1Gbps PIR/CIR)			Monthly Recurring NC Charge
	Re	eal Time (Class A)	\$4,500
Class of Service	Ne	ear Real Time (Class B)	\$4,200
Class of Service	Mi	ssion Critical (Class C)	\$3,600
Per L2 VPN Service Port		Monthly Recurring NC Charge	
FE (100Mbps) Service Port		Non-Residential Premise	\$100
OF (40km) 0 min Port		Non-Residential Premise	\$600
GE (1Gbps) Service Port			

5.2 One-Time Charges

The Charges set out below are non-refundable once they are imposed on the Contracting QP by Nucleus Connect in the manner specified below. In addition, depending on when the relevant action is preferred by the Contracting QP to be undertaken by Nucleus Connect, the following multiplier factor will be applied to the NC Charges set out below. For the avoidance of doubt, the multiplier factor to be applied shall be one (1) unless the Contracting QP requests that the relevant action be undertaken by Nucleus Connect on off-working hours during Business Day(s) or on non Business Day(s).

	Period		Multiplier Factor	
Business	Monday to Friday	Working Hours	9.00am to 5.00pm	1
Day	Monday to Friday	Off-working hours	Before 9am and after 5.00pm	1.5
Non- Business day	Saturday, Sundays and Public Holidays	Throughout		2

(a) <u>Cancellation Charge</u>

Upon any Cancellation of any Order by the Contracting QP, the following Charges shall be imposed on the Contracting QP:

(i) an NC Charge of \$50 if Cancellation happens before Nucleus Connect's acknowledgement of its receipt of the Order or an NC Charge of an amount equal to the applicable NC Charges as set out in paragraph 5.2 if Cancellation happens after Nucleus Connect's acknowledgement of its receipt of the Order;

- (ii) ON Charges, except those ON Charges which would be subject to paragraph 5.2(f)(iv), which have been incurred by Nucleus Connect, or which Nucleus Connect has committed to incur, at the time of such Cancellation;
- (iii) any Third Party Charges which have been incurred by Nucleus Connect, or which Nucleus Connect has committed to incur, at the time of such Cancellation; and
- (iv) any other third party charges, OpenNet's charges and/or ON Charges agreed pursuant to paragraph 5.2 or 6.3 of the General Service Terms and Conditions which have been incurred by Nucleus Connect, or which Nucleus Connect has committed to incur, at the time of such Cancellation.

(b) Installation Charge

- (i) Upon the installation of a L2 VPN Connection (or as the case may be, an EPL-Gigabit Connection) by Nucleus Connect, the following Charges shall be imposed on the Contracting QP on a per L2 VPN Service Port basis:
 - (a) the following NC Charges (the following NC Charges shall be multiplied by 2 if Express SAP applies for the L2 VPN Service):

	Description	One-Time Charges
Installation		
Charge	Non-Residential Premises	\$350
Installation (at the red Service Po	\$500	

(b) (Intentionally Deleted)

(ii) Patching Charge in the NC CO and Co-location Space

- (a) A Patching Charge in addition to the Installation Charge will be imposed if Nucleus Connect is required to provide Patching Services. Nucleus Connect may be required to provide Patching Services where the installation address is located at the Co-location Space or NC CO. This will be charged at \$40 per patch point.
- (b) This Patching Service will be provided by Nucleus Connect if required. The Contracting QP will be required to submit a separate Order for this Patching Service.

(c) Modification Charge

An NC Charge of \$200 shall be imposed on the Contracting QP upon the submission of a Modification Order by the Contracting QP.

(d) Maintenance or Repair

(i) Nucleus Connect will charge for every onsite visit or joint investigation, according to the length of time spent by Nucleus Connect's representative during such onsite visit or joint investigation respectively, if such onsite visit or joint investigation is requested by the Contracting QP or any Authorised MOE Personnel. There will be a minimum charge of \$400 per onsite visit or joint investigation (as the case may be) up to the first two hours. Subsequent hour blocks are charged at \$200 per hour.

However, if Nucleus Connect decides in its sole discretion that Nucleus Connect and/or its contractors (including OpenNet) need(s) to be onsite to assess the service impact and/or perform the necessary fault rectification, Nucleus Connect will charge a fixed charge of \$400 per onsite visit or joint investigation.

(ii) The No Fault Found Charge referred to in the General Service Terms and Conditions is \$350 per Fault report.

(e) <u>Disconnection</u>

Upon a disconnection of a L2 VPN Service by reason of suspension pursuant to the ICO Agreement, an NC Charge of \$300 shall be imposed on the Contracting QP.

(f) Deactivation

Upon the Deactivation of a L2 VPN Service, the following Charges shall be imposed on the Contracting QP:

(i) the following NC Charges:

Description	Charges	
Deactivation Charge	\$300	
Early Termination Charge	100% of remaining	
	contract value	

- (ii) ON Charges, except those ON Charges which would be subject to paragraph 5.2(f)(iv), which have been incurred by Nucleus Connect, or which Nucleus Connect has committed to incur, at the time of such Deactivation;
- (iii) any Third Party Charges which have been incurred by Nucleus Connect, or which Nucleus Connect has committed to incur, at the time of such Deactivation; and
- (iv) any other third party charges, OpenNet's charges and/or ON Charges agreed pursuant to paragraph 5.2 or 6.3 of the General Service Terms and Conditions which have been incurred by Nucleus Connect, or which Nucleus Connect has committed to incur, at the time of such Deactivation.

6. CHANGES FROM THE GENERAL SERVICE TERMS AND CONDITIONS

- 6.1 (Intentionally Deleted)
- 6.2 Paragraph 2 of Appendix 1 of the General Service Terms and Conditions

For the purpose of this Service Schedule, paragraph 2 of Appendix 1 of the General Service Terms and Conditions shall not apply and the following provisions of this paragraph 6.2 shall apply instead:

"The Prescribed SAPs in relation to taking up of new Connections are:

	Type of Connection	Prescribed SAP – Standard SAP (from SAP Start Date)
(i)	L2 VPN Connection (where the Connection provided is through a Non-Residential Service Port)	15 Business Days
(ii)	EPL-Gigabit Connection	15 Business Days (where there is sufficient network capacity in existing AE access)
		One (1) calendar month (where there is insufficient network capacity in existing AE access)

MOE Schools Connections

Type of Connection for MOE Schools Network		Prescribed SAP - Express SAP (from SAP Start Date)	
(i)	L2 VPN Connection (where the Connection provided is through a Non-Residential Service Port)	One (1) calendar week (provided that there are available service port(s) and sufficient bandwidth capacity in existing NTE)	
(ii)	EPL-Gigabit Connection (where the Connection provided is through a Non- Residential Service Port)	One (1) calendar week (provided that there are available service port(s) and sufficient bandwidth capacity in existing NTE)	

Notes:

- (a) The Standard SAP will apply unless the Contracting QP requests in the relevant Order for Express SAP for a new Connection which is to be provided via a Non-Residential Service Port from an existing NTE located at the same Non-Residential Premises (installation site); provided that Express SAP will only be available if there are available service port(s) and sufficient bandwidth capacity in the existing NTE. The Nucleus Connect's Installation Charge in respect of a Connection under Express SAP shall be twice the applicable Nucleus Connect's Installation Charge for a similar Connection under Standard SAP. For the avoidance of doubt, if Express SAP is not available, the Standard SAP will apply to the relevant Order.
- (b) In the event that an Order for a new Connection requires the installation of a new fibre TP, the Contracting QP acknowledges and agrees that (i) Nucleus Connect shall be entitled to reject such Order in any of the circumstances as set out in paragraphs 5.5(a) to 5.5(i) of these General Service Terms and Conditions and (ii) all additional charges (including material and labour costs)

incurred in connection with such installation shall be passed on to the Contracting QP."

Application Form Layer 2 VPN Service (L2 VPN)



ATTN: NUCLEUS CONNECT, ORDER DESK FACSIMILE NO. : (65) 6808 2820 EMAIL: orderdesk@nucleusconnect.com

Business Customer Information			
Company Detai	ils	Authorise	ed Officer Particulars
Name of Firm/Company as in RCB:		Name of Authorised Officer as in I surname. (Dr/Mr/Miss/Mrs/Mdm):_	NRIC/PASSPORT/FIN*. Please underline
Registered Address as in RCB:		NRIC/PASSPORT/FIN* No. of Au (Dr/Mr/Miss/Mrs/Mdm):	thorised Officer
		E-mail of Authorized Officer:	
Main Office Contact No.:		Designation:	
Main Office Fax No.:		Contact No. (Office):_	
Business Registration Number (BRN):		Contact No. (Fax):	
Account Information (For New Accounts, please refer to www.nuclesign up Nucleus Connect's Services)	usconnect.com for instruction to	☐ Account Number:	
Customer Reference ID: (This ID is issued by customer for their internal set out in this application form)	reference of the service that is		
Billir	ng Details (If different from	Business Customer Informa	ation)
Company Name:		Billing Address :_	
City & Postal Code:		Country:	
Contact Person Name (Billing):		Customer Contact Number :	
Customer Fax Number:		E-mail:	
* Please select where appropriate			
	Customer Ted	chnical Contact	
Installation Contact (for se	rvice delivery)	Operations/Technica	l Contact (after service delivery)
Name:		Name:	
Telephone (O):		Telephone (O):	
Mobile:		Mobile:	
Email:		Email:	
Notification Mode: 24 Hours Daily		Notification Mode: 24 Hours Daily Office Hours (9am-5pm, Mon-Fri)	
	L2 VPN Service	e Port A (A – end)	
□ New Order □ Modification □ Deactivation □ Others (Please specify): Existing Service Port ID (Mandatory field unless New Order): □ Hub port		☐ Hub port	
☐ Fast Ethernet UTP (100MBps)			
☐ Gigabit Ethernet UTP(1Gbps)	Gbps) ☐ Residential ☐ Non-Residential ☐ Non-Building Address Point (NBAP)		
☐ Environmental hardened NTE is			,
required			
Service Port Installation Location	Address: Postal Code:		Postal Code:

Application Form

Layer 2 VPN Service (L2 VPN)



Installation Location not within a addressable room(e.g NBAP)	a e	GPS Co-ord	o-ordinate: on above floor:				Description:		
Site Contact:	Name:			ne:				Contact number:	
L2 VPN Service Port B (B – end)									
□ New Order □ Modification □ Deactivation □ Others (Please specify): Existing Service Port ID (Mandatory field unless New Order): □ Hub port									
☐ Fast Ethernet UTP (100MBp									
☐ Gigabit Ethernet UTP (1Gbp	□ Recidential □ Non Recidential □ Non Building Address Beint (NRAD)								
☐ Environmental hardened NTE is required		Residential Non-Residential Non-Building Address Point (NBAP)							
Service Port Installation Location Address			s:				Postal Code:		
l addressable room(e.g NBAP)			Co-ordinate: ation above floor:				Description:		
Site Contact: Name:						Contact number:			
				Instruction	ns				
Class of Services option: Class A (Real Time), Class B (Near Real Time), Class C (Mission Critical) and Class D (Best Effort)			L2 VPN Connection option: Only 1 Class of Service per L2 VPN Connection Minimum subscription of 25Mbps per L2 VPN Connection Total subscribed bandwidth per connection is in blocks of 5Mbps						
			Conn	ection Conf	igurati	on			
Network protocol options	Network protocol options ☐ L2 VLAN IEEE802.1q ☐ L2 VLAN IEEE Q-in-Q								
L2VPN Connection EPL-Gigabit Connection		С	Class Of Service		Sy	Symmetrical CIR Bandwidth		VLAN information	
New Modification Deactivation Existing Connection ID:	tivation		☐ Class A ☐ Class B ☐ Class C ☐ Class D ☐ Bandwidth :			VLAN :			
				Contract Pe	riod				
Minimum Term ^{Pi}	☐ 12 Months ☐ Others (Please specify):								
Customer requested RFS date^									
OpenNet Appointment Date ^{Ω#}	Date:	S	Slot: AM □]	PM [_			
Nucleus Connect Appointment Date**#	Date:	Date: Slot		Slot: AM ☐ F			EVENING [®] (After 5pm)□		
Additional Information									
Requires OpenNet to provide th Others:	e fibre and in-b	uilding cablin	ig between	the FTTB Node :	and 1 st TI	P for the Non-Resid	ential Buildin	ig: <u>Yes/No*</u>	

Customer Signature

We hereby agree to subscribe to the abovementioned services on the terms and subject to the conditions contained in the Master ICO Agreement and the Service Schedule for the abovementioned services, which terms and conditions shall apply upon Nucleus Connect's acceptance of this application. We certify that all information provided by us herein are true, correct and complete. Further, we agree that any cancellation of the abovementioned services may result in a charge to us at Nucleus Connect's prevailing rates.

Subject to agreement, resource availability and confirmation by Nucleus Connect.

If Minimum Term is not specified, the Contracting QP shall be deemed to have selected 12 months.

Timeslot is not available on weekends and public holidays

^{*} NC Multiplier factor / OpenNet Onsite Charges shall apply accordingly.

^Ω OpenNet appointment is required if there is a installation of a termination point

^{**} When there is a termination point installation, Nucleus Connect's appointment shall be no more than 3 Business Days after OpenNet's appointment date.

Application FormLayer 2 VPN Service (L2 VPN)



Signature of Authorised Officer	<u>Date</u>	Company Stamp					
For Nucleus Connect Use							
☐ Application Rejected:	Reason for rejection:						
☐ Application Accepted	Service ID/s:	Work Order No.:					
No. of pages attached (Excluding application forms):	Approval code:	Processed by (Name, Contact, Signature and Date)					