

Summary Specification	
BIL. SEBUTHARGA/QUOTATION REF.:	UBD/Q/119/2026 (ICTC) - [G]
TARIKH DIIKLANKAN :	14 Julai 2026 [Selasa]
TARIKH TUTUP :	28 Julai 2026 [Selasa] JAM: 2 Petang
DOCUMENT FEE :	B\$ 10.00

Important Note:

The Official PDF quotation/tender form will be send via email once UBD Official receipt issued and send to vendors/supplier for confirmation of payment received.

Please take note that the document fee for each of the New and Extended quotations will be BND 10.00 each

Payment Information

Quotations/tenders are identified as follows:

[G] – Kerajaan (Government Account)

Please ensure payment is made to the correct account:

[G] → UNIVERSITI BRUNEI DARUSSALAM [KERAJAAN]

Payment details and account numbers are available under “Mode of Payment” on the UBD website

Note: Please ensure that you provide the correct details when making the payment.

Please email proof of the above payment to helpdesk.epay@ubd.edu.bn , finance@ubd.edu.bn,
eprocurement.support@ubd.edu.bn.

TITLE :		<u>SUPPLY, DELIVERY, INSTALLATION, CONFIGURATION OF ENHANCED WIRELESS INFRASTRCTURE AT HEP (STUDENT AFFAIRS).</u> <u>UNIVERSITI BRUNEI DARUSSALAM</u>	
No.	Quantity	SPECIFICATIONS	
1	3 units	S3J27A	Networking LIC-AP Controller per AP Capacity License E-LTU
1.1	3 units	H06WDE	1Y FC SW Cntrl per AP Cpty E-L SVC [for JW472AAE]
1.2	30 units	JY706A	Networking LIC-PEF Controller Policy Enforcement Firewall Per AP License E-LTU
1.3	3 units	R3T20A	1Y FC SW Lic PEF Cntrl SVC [for JW473AAE]
1.4	30 units	JW472AAE	Networking LIC-RFP Controller RFProtect Per AP License E-LTU
1.5	30 units	JW473AAE	1Y FC SW Cntrl Per AP RF E-L SVC [for JW474AAE]
1.6	30 units	JW474AAE	Networking CX 6200F 24G Class4 PoE 4SFP + 370W Switch
1.7	30 units	H2YU4E	3Y FC SW Cntrl per AP Cpty E-LTU SVC [for JW472AAE]
1.8	30 units	H2XX4E	3Y FC SW Lic PEF Controller SVC [for JW473AAE]
1.9	30 units	H2XV4E	3Y FC SW Controller Per AP RF E-LTU SVC [for JW474AAE]
2	30 units	JL725B	Networking CX 6200F 24G Class4 PoE 4SFP+ 370W Switch
2.1	3 units	JL725B ACC	INCLUDED: Power Cord - United Kingdom localization
2.2	3 units	H73P0E	3Y FC NBD Exch 6200F 24G PoE+ SVC [for JL725B]
2.3	6 units	J4859D	Networking 1G SFP LC LX 10km SMF Transceiver
3	1 unit	JL658A	Networking CX 6300M 24-port SFP+ and 4-port SFP56 Switch

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No.	Quantity	SPECIFICATIONS	
3.1	1 unit	HR4C2E	3Y FC NBD Exch 6300M 24SFP SVC [for JL658A]
3.2	2 units	JL085A	Networking X371 12VDC 250W 100-240VAC Power Supply
3.3	2 units	JL085A ACC	INCLUDED: Power Cord - United Kingdom localization
3.4	2 units	J4859D	Networking 1G SFP LC LX 10km SMF Transceiver
4	30 units	Install and Commissioning UTP CAT6 Cabling for Access Points	
5	1 Lot	Install, commissioning Deployment Professional services	
	1 Lot	Professional Service and Labour Installation Include (refer to Annex 1)	
		Vendor will submit heat map wireless location during quotation submission	
		Install and Commissioning new access point install in HEP/HEP/Student centre/Canteen/Unihealth/PMUBD/CCO/Conect/OARA	
		Configure Routing protocol in Layer 3 switches (Layer 3 Provide by ICTC)	
		Configure new DHCP scope for new access point install	
		Configure new Policy for new access point install in Firewall (Firewall provide by ICTC)	
6		WARRANTY Warranty must be at least one year (12 months)	

ANNEX 1 - Implementation and Related Services

1. Mobility	
1.1	The system must support L2 roaming capabilities across APs (terminated on the same and different controllers) with no special client-side software required.
1.2	The system must support seamlessly connectivity with roaming handoff times of 2-3 milliseconds, delay-sensitive and persistent applications such as voice and video experience uninterrupted performance, included:
1.2.1	Fast roaming: 2-3 msec intra-controller, 10-15 msec inter-controller
1.2.2	Roaming across subnets and VLANs: session do not drop as clients roam on the network
1.2.3	Automatically establishes home agent/foreign agent relationship between Mobility Controllers
1.2.4	Prevent clients from changing IP address while roaming
1.2.5	VLAN Pooling: automatically load balances clients across multiple VLANs
2. Authentication	
2.1	Intregareted with UBD Active Directory
2.2	Integrated into the controller/switch.
2.3	Web-Based Authentication (e.g. WebAuth/Active Directory):
2.4	Facilitate process for non-IT staff to create temporary guest IDs and passwords to automatically age out / expire.
2.5	Packet rate based bandwidth contract for individual guest users for increased control of guest traffic usage.
2.6	802.1X based guest access using a local database on the switch/controller that can be used to authenticate users.
2.7	Time-of-day / duration based access per guest user of increased control and security
2.8	Time-of-day availability of guest SSID for increased control and security