

Summary Specification	
BIL. SEBUTHARGA/QUOTATION REF.:	UBD/Q/196/2026 (ICTC) - [G]
TARIKH DIKLANKAN :	<u>29 September 2026 [Selasa]</u>
TARIKH TUTUP :	<u>06 Oktober 2026 [Selasa]</u> 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 :		URGENT SUPPLY, DELIVERY, INSTALLATION AND CONFIGURATION OF ENHANCED WI-FI INFRASTRUCTURE AT CHANCELLOR HALL, UNIVERSITI BRUNEI DARUSSALAM	
No.	Quantity	SPECIFICATIONS	
1.0	3 units	S3J27A	Networking AP-505 (RW) Dual Radio 2x2 Wi-Fi 6 10-pac 10-pack Campus Access Point
1.1	3 units	H06WDE	ANW 3Y FC NBD Exch AP-505 10Pk SVC [for S3J27A]
1.2	30 units	JY706A	Networking AP-220-MNT-W3 Low Profile Box Style Large Indoor AP Flat Surface Mount Kit
1.3	3 units	R3T20A	Networking AP-MNT-MP10-X Campus AP mount adapter kit (10-pack) for existing W2/W3 mounts
1.4	30 units	JW472AAE	Networking LIC-AP Controller per AP Capacity License E-LTU
1.5	30 units	JW473AAE	Networking LIC-PEF Controller Policy Enforcement Firewall Per AP License E-LTU
1.6	30 units	JW474AAE	Networking LIC-RFP Controller RFProtect Per AP License E-LTU
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]
2.0	1 unit	JL658A	Networking CX 6200F 24G Class4 PoE 4SFP+ 370W Switch
2.1	1 unit	HR4C2E	3Y FC NBD Exch 6300M 24SFP SVC [for JL658A]
2.2	2 units	JL085A	Networking X371 12VDC 250W 100-240VAC Power Supply
2.3	2 units	JL085A ACC	INCLUDED: Power Cord - United Kingdom localization
3.0	8 units	J4859D	Networking 1G SFP LC LX 10km SMF Transceiver
3.1	4 units	R8Q72A	Networking CX 6200F 12G Class4 PoE 2G/2SFP+ 139W Switch

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No.	Quantity	SPECIFICATIONS	
3.2	4 units	R8Q72A ACC	INCLUDED: Power Cord - United Kingdom localization
3.3	4 units	H92P1E	3Y FC NBD Exch 6200F 12G SVC [for R8Q72A]
3.4	30 units		Install and Supply CAT6 UTP Cabling with Trunking and Termination.
	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 UBD Chancellor hall Configure access point to wireless LAN controller Model 9240 with HA Configuration (New controller provide by ICTC) 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)	
4		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	Integrated 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