

<b>Summary Specification</b>	
BIL. SEBUTHARGA/QUOTATION REF.:	<u>UBD/Q/235/2025 (ICTC) - [G]</u>
TARIKH DILAKUKAN :	<u>16 Disember 2025 [Selasa]</u>
TARIKH TUTUP :	<u>06 Januari 2026 [Selasa]</u>
DOCUMENT FEE :	B\$ 10.00

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

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<b>TITLE :</b>		<u>URGENT PROVISION AND DEPLOYMENT OF FTTR (FIBER TO THE ROOM) AT MALE AND FEMALE HOSTELS, UNIVERSITI BRUNEI DARUSSALAM</u>
<b>No.</b>	<b>Quantity</b>	<b>SPECIFICATIONS</b>
1 1.1	10 units	<p><b>FTTR (Hardware &amp; Software)</b></p> <ul style="list-style-type: none"> <li>- Technology: OptiXstar v163 GPON + WiFi 6</li> <li>- WiFi Performance: <ul style="list-style-type: none"> <li>- Dual-band 2.4 GHz &amp; 5 GHz</li> <li>- Up to 3000 Mbps combined</li> <li>- 2x2 MIMO</li> </ul> </li> <li>- Ports: <ul style="list-style-type: none"> <li>- 4 x Gigabit LAN</li> <li>- 1 x POTS (telephone)</li> <li>- 1 x USB</li> <li>- 1 x SC/APC optical port</li> </ul> </li> <li>- FTTR Function: Supports FTTR main-unit operation with seamless roaming</li> <li>- Management: Huawei Home app (topology view, device control, optimization, parental control)</li> <li>- Power: 12V DC, external adapter</li> <li>- Dimensions: 157 x 250 x 30 mm</li> </ul>

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<b>No.</b>	<b>Quantity</b>	<b>SPECIFICATIONS</b>
1.2	120 units	<ul style="list-style-type: none"> <li>- <b>Role:</b> Sub-FTTR ONT (room FTTR unit)</li> <li>- <b>Technology:</b> OptiXstar K153 WiFi 6 + Optical backhaul</li> <li>- <b>WiFi Performance:</b> <ul style="list-style-type: none"> <li>- Dual-band 2.4 GHz &amp; 5 GHz</li> <li>- Up to 574 Mbps (2.4 GHz) &amp; 2402 Mbps (5 GHz)</li> <li>- 2x2 MIMO, 1024-QAM, 160 MHz</li> </ul> </li> <li>- <b>Ports:</b> <ul style="list-style-type: none"> <li>- 2 x Gigabit LAN (RJ-45)</li> <li>- 1 x SC/APC Optical Port (to main FTTR)</li> </ul> </li> <li>- <b>System Specs:</b> <ul style="list-style-type: none"> <li>- 128 MB Flash</li> <li>- 256 MB RAM</li> </ul> </li> <li>- <b>FTTR Features:</b> <ul style="list-style-type: none"> <li>- Mesh-style seamless roaming</li> <li>- Intelligent room-level coverage</li> <li>- Unified management via Huawei app</li> </ul> </li> <li>- <b>Power:</b> 12V DC, approx. 7.5W (static), 12W (max)</li> <li>- <b>Dimensions:</b> 157 x 130 x 30 mm</li> <li>- <b>Operating Conditions:</b> 0°C – 40°C; Humidity 5% – 95%</li> </ul>
2		<b>FTTR Installation Materials</b>
2.1	40 units	FTTR Fiber Distribution Unit, Wall-mounting, 86*110*36.5, YB816, Plastic, ATB2121-S-5U-SC/APC
2.2	120 units	FTTR transparent optical cable, SC/APC, SC/APC, single mode, 10m, G.657B3, GJFXN, 1.6*1.2mm, transparent with adhesive, ODN
2.3	20 units	FTTR transparent optical cable, SC/APC, SC/APC, single mode, 10m, G.657B3, GJFXN, 1.6*1.2mm, transparent with adhesive, ODN
2.4	80 units	FTTR transparent optical cable, SC/APC, SC/APC, single mode, 20m, G.657B3, GJFXN, 1.6*1.2mm, transparent with adhesive, ODN
2.5	60 units	FTTR transparent optical cable, SC/APC, SC/APC, single mode, 30m, G.657B3, GJFXN, 1.6*1.2mm, transparent with adhesive, ODN
3		<b>Professional &amp; Installation Fees</b>
3.1	30 nos.	Installation & labour charges for each floor in blocks
4.		<b>Warranty</b> Warranty must be at least one year (12 months)