

| Summary Specification           |   |
|---------------------------------|---|
| BIL. SEBUTHARGA/QUOTATION REF.: | <u>UBD/Q/235/2025 (ICTC) - [G]</u>            |
| TARIKH DIKLANKAN :              | <u>16 Disember 2025 [Selasa]</u>              |
| TARIKH TUTUP :                  | <u>06 Januari 2026 [Selasa]</u> JAM: 2 Petang |
| DOCUMENT FEE : B\$ 10.00        |   |

### IMPORTANT

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

a) Quotations or tenders under Universiti Brunei Darussalam (Kerajaan) can be identified by the letter [G] at the end of the quotation/tender reference number.

Example: UBD/Q/123/2023 – [G]

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| TITLE :  |          | <u>URGENT PROVISION AND DEPLOYMENT OF FTTR (FIBER TO THE ROOM) AT MALE AND FEMALE HOSTELS, UNIVERSITI BRUNEI DARUSSALAM</u>  |
|----------|----------|--|
| No.      | Quantity | SPECIFICATIONS   |
| 1<br>1.1 | 10 units | <b>FTTR (Hardware &amp; Software)</b> <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 × Gigabit LAN</li> <li>- 1 × POTS (telephone)</li> <li>- 1 × USB</li> <li>- 1 × 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 × 250 × 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: Sub-FTTR ONT (room FTTR unit)</b></li> <li>- Technology: OptiXstar K153 WiFi 6 + Optical backhaul</li> <li>- WiFi Performance: <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>- Ports: <ul style="list-style-type: none"> <li>- 2 × Gigabit LAN (RJ-45)</li> <li>- 1 × SC/APC Optical Port (to main FTTR)</li> </ul> </li> <li>- System Specs: <ul style="list-style-type: none"> <li>- 128 MB Flash</li> <li>- 256 MB RAM</li> </ul> </li> <li>- FTTR Features: <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>- Power: 12V DC, approx. 7.5W (static), 12W (max)</li> <li>- Dimensions: 157 × 130 × 30 mm</li> <li>- Operating Conditions: 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><br>Warranty must be at least one year (12 months)   |