

Request for Quotation

Provision of Coexistence Study between Wi-Fi 6E/7 and IMT in the 6425 – 7025 MHz Frequency Band

Reference:	AITI/8/2/FACSMAB-CoexistenceStudy
Opening Date:	Tuesday, 10 March 2026
Closing Date and Time¹:	Monday, 13 April 2026 at 3.00 PM
Email:	procurement@aiti.gov.bn
Information Day:	N/A
Document Fee (non-refundable):	BND5.00

¹ Please adhere strictly to the Closing Date and Time and ensure that Proposal are submitted before 3.00 PM.

EXECUTIVE SUMMARY

This executive summary contains the high-level scope of work involved in the project.

1. AITI is seeking a Vendor to conduct a coexistence study and interference analysis between Wi-Fi 6E/7 and International Mobile Telecommunications (IMT) in the 6425-7025 MHz frequency band.
2. The objectives are to assess the potential for harmful interference under both **co-channel and adjacent-band scenarios**, and provide practical recommendations to support regulatory and deployment decisions.
3. The high-level scope of work involves:
 - 3.1. Evaluate Co-Channel and Adjacent-Band Coexistence in the 6425 – 7025 MHz Frequency Range;
 - 3.2. Apply Analytical and Simulation-based Models to Assess Interference under Multiple Deployment Scenarios;
 - 3.3. Assess the Impact of Real-world Deployment Parameters;
 - 3.4. Identify and Evaluate Mitigation Techniques to Improve Coexistence;
 - 3.5. Produce a Final Technical Report and Presentation; and
 - 3.6. Field Test and Measurement Campaign (Optional).
4. **Eligibility**
 - 4.1. Businesses and companies legally established in Brunei Darussalam and abroad, and institutes of higher educations (IHLs) legally established in Brunei Darussalam are eligible to participate in this RFQ.

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