



REQUEST FOR INFORMATION

For the Provision of a

Spectrum Management and Application Processing System

To be supplied to

Telecommunications Authority of Trinidad and Tobago

RFI REF. NO.: RFI-01-2025

RFI CLOSING DATE & TIME: 12 Noon Friday 14th March 2025

RFI Start DATE	Monday 10th February 2025
SUBMISSION OF Information	Proponents are asked to email their responses to this invitation to tenders@tatt.org.tt by the specified Closing Date & Time

1. The Telecommunications Authority of Trinidad and Tobago (the Authority) was established in July 2004 and charged with the responsibility of regulating Trinidad and Tobago's telecommunications and broadcasting sectors, subject to the provisions of the Telecommunications Act, Chap. 47:31. Further details about the Authority can be found on our website at www.tatt.org.tt.
2. The Authority issues this Request for Information (RFI) to contractors/suppliers/consultants for a robust software solution to streamline the licence application process and to facilitate the efficient management of radio frequency (RF) spectrum. This RFI aims to gather information from potential vendors regarding their capabilities and offerings to meet or exceed our specific requirements as seen in **Appendix I**.
3. This RFI does not constitute an Invitation to Bid or Request for Proposals and will not result in an award of contract. The information is being requested as part of the Authority's market research, and the information provided may be used in the planning of future procurement projects.
4. Any subsequent tender process that may arise will be conducted in accordance with the **procedures of the Office of the Procurement Regulation, the Procurement Act 2015 and regulations and the Authority's Procurement Procedures**.
5. Respondents are required to provide the following information:
 - a) The business name, address, telephone number and email address
 - b) The name, designation, email address and direct contact number of the Respondent's designated representative for the purpose of this RFI
 - c) Company profile providing details on the establishment and experience of the business, its directors or shareholders, its project portfolio, major clients, service partners
 - d) Qualifications of key personnel
 - e) Brochures, data sheets and descriptions of the features of the system
 - f) A summary of contracts completed for the provision of a solution similar in scope and nature
 - g) High-level pricing information
6. Respondents may request additional information by sending an email to the address provided below.

7. Completed packages may be delivered electronically to tenders@tatt.org.tt

General Enquiries

For general enquiries, please contact corporatesecretary@tatt.org.tt no later than 3 weeks after issuance of the RFI

RFI: Spectrum Management and Application Processing System

Background

The Authority utilises TCI's Automated Spectrum Management System (ASMS Model 710) to manage its internal licence application process, reporting, technical analysis, ITU notifications, and for combined use with spectrum monitoring system (SMS) client software. There is a need for a modernised system to improve efficiency, accuracy, and customer service.

System Requirements

The desired system should encompass the following key functionalities:

Licence and Equipment Certification Application and Management

- **Application Lifecycle Management:** Handle the entire process from application submission to issuance, modification, renewal, and revocation.
- **Database and Reporting:** Maintain a comprehensive database of licences and certificates, providing relevant reports and analytics.

Spectrum Allocation and Management

- **Spectrum Management:** Efficiently manage spectrum resources, including allocation, assignment, monitoring, and enforcement.
- **International Compliance:** Ensure compliance with international regulations, such as the generation of ITU-R notifications and MARS database submissions.

Spectrum Usage Monitoring and Enforcement

- **Spectrum Usage Reporting:** Capable of generating a spectrum usage report that is compatible with a spectrum monitoring system's automated violation detection feature to aid in detecting and addressing interference or unauthorised activities.

Customer Interface Online Portal

- **Customer Service Platform:** Provide a user-friendly online platform for customers to interact with the organisation, access information and complete tasks online. The platform must integrate with the Authority's website.

Required Features, and Capabilities, Compatibilities

- **IT Environment and Data Security:** Compatibility with the Authority's Windows-based IT environment including data security and privacy requirements to protect sensitive data.
- **Integration:** Integration or customization to interact with existing Spectrum Management System (currently TCI Scorpio+) used at fixed sites and on mobile vehicles.
- **Additional Integration:** Integration or customization to interact with Rohde & Schwarz Aerial Monitoring System
- **Scalability:** Customisation /Scalability to accommodate future growth/changes.
- **Reporting:** Reporting and analytics capabilities
- **Support:** Implementation and training support