



Government of Papua New Guinea  
National Information and  
Communications  
Technology Authority

## **National Information and Communications Technology Authority**

UNIVERSAL ACCESS AND SERVICE (UAS)

### **REQUEST FOR PROPOSALS (RFP)**

Central Equipment Identity Register (CEIR) Consultancy  
Services

**RFP No. UAS25-RFP-CEIR-CNT**

**NATIONAL INFORMATION AND COMMUNICATIONS TECHNOLOGY**  
UNIVERSAL ACCESS AND SERVICE (UAS)  
STRATOS AVENUE  
RANGEVIEW PLAZA (LVL 3)  
PORT MORESBY

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## 1. SUMMARY AND BACKGROUND

The National Information and Communications Technology Authority (NICTA) of Papua New Guinea (PNG) is seeking proposals from qualified consultants or consulting firms with expertise in the development, implementation, and regulatory compliance of Central Equipment Identity Register (CEIR) systems. This engagement aims to strengthen the management and security of mobile devices within PNG and enhance regulatory control over telecommunications infrastructure.

NICTA is undertaking the establishment of a CEIR system to help reduce mobile theft, prevent unauthorized use, and ensure regulatory compliance with telecommunications policies. To achieve this, NICTA intends to engage a consultant to provide strategic guidance, technical expertise, and implementation support for the project.

## 2. OBJECTIVE

The objective of this engagement is to develop a CEIR system tailored to PNG's regulatory and technological landscape. The consultant will:

- Conduct a needs assessment and feasibility study.
- Develop a regulatory and technical framework.
- Design system architecture and specifications.
- Provide a detailed implementation roadmap.
- Conduct training and knowledge transfer sessions.
- Establish a monitoring and evaluation framework for sustainability.
- Develop a procurement system, including bid/tender documents, evaluation templates, and contract management guidelines.

## 3. PROJECT SCOPE

The consultant will be responsible for the following tasks:

### 1. Needs Assessment and Requirement Analysis

- Conduct a thorough needs assessment, identifying NICTA's specific requirements for the CEIR system.
- Analyze current infrastructure capabilities and recommend necessary upgrades or adjustments.

### 2. Regulatory Framework Development

- Assess the current regulatory environment and identify requirements for CEIR integration within PNG's regulatory structure.
- Develop a regulatory framework to support the CEIR system, including policies on data protection, privacy, device registration, and compliance monitoring.
- Provide guidelines for enforcement mechanisms to ensure adherence to the regulatory framework and outline penalties for non-compliance.
- Support NICTA in drafting or amending relevant regulations and policies to strengthen CEIR governance.

### 3. Technical Framework and Architecture Design

- Develop an architectural blueprint for the CEIR system, including hardware, software, network components, and database management.
- Ensure compatibility with existing telecommunications systems and compliance with regulatory frameworks.

#### **4. System Specification and Design Documentation**

- Prepare a detailed technical specification document for the CEIR, covering system functionalities, performance criteria, data security measures, and user access protocols.
- Define the system's capacity for scaling and future integration with other national or international databases.

#### **5. Implementation Plan and Roadmap**

- Provide a phased implementation plan with timelines, key milestones, and deliverables.
- Recommend best practices for system integration, testing, and quality assurance.

#### **6. Training and Knowledge Transfer**

- Develop and conduct training sessions for NICTA's technical and operational staff.
- Provide a knowledge transfer plan to build NICTA's capacity to manage and operate the CEIR independently.

#### **7. Monitoring and Evaluation Framework**

- Propose a framework for the continuous monitoring and evaluation of the CEIR system.
- Identify performance indicators and data collection methods to ensure system efficacy and sustainability.

#### **8. Procurement System Development**

- Develop bid/tender documents and evaluation templates.
- Establish processes for bid evaluation, selection, and contract award.
- Provide guidelines for contract management, including performance monitoring and compliance tracking.

### **4. DELIVERABLES**

The consultant will be expected to deliver:

- Needs assessment and feasibility study report.
- CEIR system regulatory and technical framework.
- System architecture and technical specifications.
- Implementation roadmap with key milestones.
- Training materials and knowledge transfer documentation.
- Monitoring and evaluation framework.
- Procurement system, including bid/tender documents, evaluation templates, and contract management guidelines.

### **5. ELIGIBILITY CRITERIA**

This opportunity is open to both **national and international** service providers. Interested consultants must demonstrate:

- Proven experience in CEIR system development.
- Strong knowledge of telecommunications regulations.
- Expertise in cybersecurity, data protection, and ICT infrastructure.
- Experience working with government agencies or regulatory bodies.
- Capacity to deliver within the specified timeframe.

## 6. PROPOSAL SUBMISSION REQUIREMENTS AND GUIDELINES

Applicants must submit a proposal including:

- (1) A cover letter summarizing their expertise.
- (2) A detailed technical proposal outlining their approach.
- (3) Financial proposal with cost breakdown.
- (4) Evidence of relevant past projects.
- (5) CVs of key personnel assigned to the project.

## 7. EVALUATION CRITERIA

Proposals will be evaluated based on:

- Technical expertise and experience (40%)
- Methodology and approach (30%)
- Financial proposal (20%)
- Work plan and timeline (10%)

## 8. DURATION AND PAYMENT TERMS

- The engagement is expected to last **4 months**.
- Payment will be milestone-based upon satisfactory completion of deliverables.

## 9. SUBMISSION DEADLINE AND CONTACT INFORMATION

- Proposals must be submitted no later than 30th June, 2025.
- Submissions should be sent via email to [uas@nicta.gov.pg](mailto:uas@nicta.gov.pg) with the subject line: "Proposal for CEIR Consultancy Services".

For inquiries, contact: Mr Roa Velekiri, Senior Project Officer Planning

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## 10. PROJECT BUDGET

The project is funded by NICTA through the UAS Fund, with an estimated budget of K100,000.00 (GST inclusive). This preliminary estimate is subject to change based on further discussions and detailed requirements. Cost efficiency will be a critical factor in the evaluation process.

## 11. CONFIDENTIALITY

All information submitted in proposals will be treated as confidential.

## 12. RESERVATION OF NICTA'S RIGHTS

NICTA reserves the right to accept or reject any proposal without obligation to provide justification.