

**The Terms of Reference (TOR) for  
STANDARDIZATION EXPERT**

COUNTRY:	Republic of the Union of Myanmar
IMPLEMENTING AGENCY:	Ministry of Transport and Communications (MoTC)
NAME OF THE PROJECT:	Telecom Sector Reform Project
SECTOR:	Information and Communications Technology
(ICT) SERVICES:	Standardization Consultant
CONTRACT TYPE:	Individual Consultancy Contract Time based
DURATION OF ASSIGNMENT:	4 months
DUTY STATION:	Nay Pyi Taw, Myanmar
CONTRACT REFERENCE NO:	C1-1-4C
WORLD BANK GRANT NO:	P145534

**Background:**

The Ministry of Transport and Communications (MoTC), The Republic of the Union of Myanmar has received Project Grant/Fund from the World Bank for execution of Telecom Sector Reform Project and intends to apply part of the proceeds to hire a qualified Individual Consultant to provide Consultancy Support the project on implementation of regulatory framework for telecommunication (radio) equipment, testing and certification system and pertaining standards.

**Objectives:** The objective of this ToR is

- To hire international standarization expert to support MoTC to undertake the development of the standarization of the telecommunication equipment.
- To prepare report based on the best practice trend of standardization in the region to establish testing lab under Posts and Telecommunications Department (PTD).

**Duties and Responsibilities**

Consultant should

- a) Draft Telecommunication (Radio) Equipment Regulations (Rules or Directive) which regulate their placing on the market and putting into service, the actors in equipment supply chain and their obligations, equipment requirements, conformity assessment, accreditation, market surveillance and international aspects.
- b) Draft the list of relevant internationally recognized standards to be adopted as Myanmar Standards (MMS).
- c) Review and Guidance on certain matters and procedures pertaining to the Telecommunication (Radio) Equipment Regulations.

- d) Organize public consultations with the stakeholders from public and private sector.
- e) Design standard for telecommunication equipment in a way that allows to effectively use and maintain the efficient use of radio spectrum resources and to avoid harmful interference.
- f) Prepare the report based on the best practice of other countries and develop the guidelines to establish the testing lab for PTD.
- g) Draw a guidelines for Type Approval process and prepar necessary documents for the process.
- h) Prepare a report on the complete work for the Director General, PTD.

### **Qualification Requirements:**

#### **a) Qualification:**

- Holding Master of Science Degree in Relevant field such as Electronics or Telecommunication.
- Working practical knowledge in process of National Standardization (in writing and orally) of English.

#### **b) Experience:**

- Having the minimum work experience of 10 years in both Government and Private Sector in the field of radiocommunication and regulatory affairs working for policy maker, regulatory body, mobile operators or regional or intergovernmental organization such as ITU, APT, ASEAN and UN.
- Hand on experience in developing information and communication technology related to standardization of telecommunication equipment.
- Extensive knowledge of ICT updates.
- Practical experiences in advising the creation and development of Information and Communication Technology in the standardization of telecommunication equipment in at least 2 countries.
- Strong skill and knowledge of international standards and control frameworks in standardization of ICT Equipment and services.
- Knowledge of development issues facing developing countries particularly related to implementation of standardization.

#### **c) Skill and competencies:**

- Well organized and results oriented, ability to work under minimal supervision;
- Proactive, able to take initiative and ensure adequate and rapid follow-up actions;
- Strong inter-personal skills and ability to coordinate activities with a diverse set of stakeholders;
- Ability to communicate effectively;
- Ability to work in multicultural environment;
- Ability to work in difficult conditions and spending extensive time in the field;
- Ability to work under time pressure and effectively meet deadlines; and
- Strong Writing, Presentation and Reporting .

### **Reporting**

The consultant shall report weekly, monthly and quarterly to the Project Director (Telecom Sector Reform Project) and Assistant Director (Radio Frequency Monitoring and Technical Standards Division) of PTD and shall provide the necessary suggestion and action in the implementation of the process.

**Payment schedules:**

The consultant will be paid on monthly basis, after submission of his monthly Invoice and brief report, all in English, duly approved by the Project Director of the World Bank Funded Project. Payments will be made within one month after receiving the approved documents.

**Support that will be given to Consultant at Nay Pyi Taw:**

MoTC shall provide the following support:

- A suitable working space inside the MoTC Complex.
- Internet connectivity in Office.
- A car for individual use

The Ministry of Transport and Communications (MoTC) now invites eligible Consultant to indicate their interest in providing the services. Interested Consultants must provide information indicating that they are qualified to perform the services (CV, description of similar assignment, experiences in standardization of ICT equipment, availability of appropriate skill, etc ). Consultant shall be selected in accordance with the procedures set out in the World Bank's Guidelines: Selection and Employment of Consultants by World Bank Borrowers (January, 2011 edition).

Interested Consultants may also obtain further information (if required) at the address given below, during office hours from 09:00 to 04:00 hours:

Attn: U Than Htun Aung ( Project Director)  
Telecommunications Sector Reform Project,  
Office No. (2), Posts and Telecommunications Department,  
Ministry of Transport and Communications (MoTC),  
Nay Pyi Taw, Myanmar

Phone: Tel: +95 67 3407435

Fax Ph: 067 3407539

Email: [thanhtunaung@ptd.gov.mm](mailto:thanhtunaung@ptd.gov.mm)

Web site: <https://www.ptd.gov.mm>

Expressions of interest, including detailed Resumes must be delivered (by E-Mails) by **14 February, 2020**, to the E-Mail IDs as given below:

To: U Than Htun Aung ( Project Director)  
Telecommunications Sector Reform Project,  
Email: [thanhtunaung@ptd.gov.mm](mailto:thanhtunaung@ptd.gov.mm)

CC: Daw Tin Zar Kyaw ( Assistant Director)

Radio Frequency Monitoring and Technical Standards Division

Office No. (2), Posts and Telecommunications Department,

Ministry of Transport and Communications (MoTC),

Nay Pyi Taw, Myanmar

Tel: +95 9 450000162

Email: [tinzar17.17@gmail.com](mailto:tinzar17.17@gmail.com) and [monitoringptd2018@gmail.com](mailto:monitoringptd2018@gmail.com)