



ITU-EC Project

Harmonized ICT Policies in the ACP countries

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Support for Harmonization of the ICT Policies in Sub-Sahara Africa

Call for application n° HIPSSA/G-5.5 (s) [INT]

Title:	International expert on regulatory auditing and cost modelling (P-5)
Country:	Work at home
Type of contract:	Special Service Agreement (SSA) for a lump sum
Starting date:	<u>As soon as possible</u>
Ending date:	<u>25 July 2011</u>
Duration of appointment:	Approximately <u>35</u> working days
Payment:	Lumpsum of <u>11'900 USD</u>
<i>The remuneration offered cannot be higher than 340 USD per working day for an International P-5. Both base salary adjustment and DSA are based on location and subject to variation. For detailed information, please refer to conditions of employment for ITU technical assistance project personnel.</i>	

Description of duties:

Introduction

This ITU-EC joint project for "Harmonisation of ICT Policies in Sub-Sahara Africa" (HIPSSA) is building on the experienced gained with a pilot project funded by European Commission (EC) and ITU that led to the adoption of Additional Acts for telecommunications to the ECOWAS Treaty. It aims at developing and promoting harmonized policies and regulatory guidelines for the ICT market as well as building human and institutional capacity in the field of ICT through a range of targeted training, education and knowledge sharing measures. This project will result in the creation of harmonized regional and national policy, legal and regulatory frameworks conducive to significant investments in the ICT infrastructures and services.

Steering mechanism of the mission and distribution of duties across the experts' team

The international expert will work under the supervision of the senior international expert (cf. JD HIPSSA G-5.6 s) The international expert will also liaise as needed with the Regulatory and Market Environment Division (RME), the ITU Regional Office for Africa (RO-AFR), the Telecommunication and Post Division (DTP) at the Infrastructure and Energy Department (IED) of the African Union Commission (AUC) and the ITU-EC HIPSSA Project Team.

The international expert will be part of a team including four (4) regional experts (see HIPSSA/G-5.1 s, HIPSSA/G-5.2 s, HIPSSA/G-5.3 s and HIPSSA/G-5.4 s) and a senior international expert who will assume the coordination of the team (see HIPSSA/G-5.6 s). The team is responsible for conducting an assessment study on regulatory auditing and cost modelling for electronic communication services with price control for the Sub-Saharan African Region.

The *Senior International Expert* will be in charge of (i) the overall coordination and quality insurance of the assignments of all the Regional Experts within the team, (ii) ensure liaison with the AU Commission, Regional Economic Communities (REC) and regional regulators' associations (RRA) and as required with the African Telecommunication Union (ATU), (iii) consult the stakeholders such as regional associations of operators among others, (iv) develop the working methodology and an appropriate schedule for the implementation of the whole project, (v) review, discuss and provide written comments on the draft and final

documents developed during this project as described in the HIPSSA/G-5.6 (s) [PM] for the assessment study.

The Regional Experts (see HIPSSA/ G-5.1 s, G-5.2 s, G-5.3 s and G5.4 s) will be responsible for conducting the assessment study in their respective geographical region (West, Central, East and Southern Africa). This assessment will include performing data collection and analysis of the costing and auditing methodologies applied in each region as well as the cost models applied for the different services by using a survey and interviews (based on templates proposed by and agreed on with the International Expert).

The International Expert (see HIPSSA/G-5.5 (s) [INT]) will be responsible for (i) providing a briefing note on the assessment study objectives and methodology for auditing and costing, (ii) providing the regional experts with a common questionnaire for the survey and a common template of table of content for the study to facilitate the comparative analysis, (iii) consolidating the sub-regional assessments, and (iv) conducting a gap analysis to identify needs across the sub-regions related to regulatory auditing and the application of cost models for different services.

Tasks to be completed

For the development of an assessment study on regulatory auditing and cost modelling for electronic communication services with price control, this mission will be conducted in four stages and the duties of the International expert will be:

1. Presentation of the study's objectives and methodology

- 1.1. The international expert shall provide a briefing note on the assessment study's objectives and methodology for auditing and costing taking into account the HIPSSA/G-5 Concept Note, past experience in use of public cost models that are available from but not restricted to ITU, WBG (COSITU, WB Model, training cost models, etc.), cost models applied by administrations at present, and the results and Recommendations from the ITU-D and ITU-T Study Groups working on tariffs issues (BDT-SG1 Question 12 1/3 and TSB SG3).
- 1.2. The international expert shall submit for review and comments the briefing note to the senior international and regional experts.
- 1.3. The international expert shall amend the briefing note based on the comments of the senior international and regional experts.

2. Common templates for survey and comparative analysis

- 2.1. The international expert shall propose a draft template of the table of content for the preparation of the regional assessment studies to enable a comparative analysis across the four regions and a draft questionnaire for the survey to the senior international and regional experts, the RME division of BDT and the AUC.
- 2.2. Based on the comments received from the regional and senior international experts, the RME division of BDT and the AUC, the international expert shall amend the common template and questionnaire and have them validated by the HIPSSA Project Team.

3. Consolidation of regional surveys results and the regional assessment reports

- 3.1. The international expert shall identify international best practices based on concrete example for regulatory auditing and cost modelling and draft a section presenting them to be included in the consolidated final report. These international best practices are to be based on national or regional experiences and present and analyze, among others:
 - 3.1.1. national and regional legal and regulatory provisions for:
 - 3.1.1.1. tariff policies and regulations
 - 3.1.1.2. regulatory auditing and cost accounting methodologies
 - 3.1.1.3. cost modelling
 - 3.1.2. current national and/or regional situation regarding cost modelling and more specifically:
 - 3.1.2.1. existence and use of cost models or other methodologies and strategies

- 3.1.2.2. costing methodologies applied for the different electronic communications services
- 3.1.2.3. public availability of cost models and input data sets
- 3.1.2.4. data collection process and strategies
- 3.1.2.5. process of development or selection of cost models
- 3.1.2.6. sensibility analysis of various cost models and benchmarking
- 3.1.2.7. specific models applied or to be applied for services such as universal access and service, MTR, submarine cables and landing stations, IXP, national broadband backbone and infrastructure, rural and community low cost networks, etc.
- 3.1.3. current national and/or regional situations regarding tariff regulation and more specifically:
 - 3.1.3.1. process of regulatory auditing to get input data for the cost models
 - 3.1.3.2. work cycle of data collection, result publication and tariff regulation
 - 3.1.3.3. legal disputes around tariff regulation and cost modelling
- 3.2. The international expert shall consolidate the draft regional reports from the regional experts, into a draft final report including:
 - 3.2.1. The main findings of the survey,
 - 3.2.2. A comparative analysis of the various auditing and costing strategies and methodologies applied in the different regions against international best practices
 - 3.2.3. Best practices within the region and beyond
 - 3.2.4. An assessment of the consolidated needs of each region and across Sub-Saharan Africa based on a gap analysis
 - 3.2.5. Recommendations for a common approach or harmonized policy on cost assessment and tariff regulation in Sub-Saharan Africa
- 3.3. The international expert shall submit for review and comments draft final report to the regional experts, the senior international expert, the RME division of BDT, the HIPSSA Project Team and the African Union Commission.
- 4. Finalisation of the study and preparation of the training material**
 - 4.1. The international expert shall amend the draft final report based on the discussions and comments provided by the regional experts, the senior international expert, the RME division of ITU-BDT, the HIPSSA Project Team and the African Union Commission.

Concrete deliverables:

- 1. Briefing note on the assessment study's objectives and methodology for auditing and costing
- 2. Questionnaire for interviews
- 3. Template for comparative analysis
- 4. Report section on international best practices based on concrete examples
- 5. Consolidated report of the assessment study including
 - 5.1. the main findings of the survey
 - 5.2. the comparative analysis
 - 5.3. the gap analysis identifying common needs across Africa and
 - 5.4. recommendations for a common approach or harmonized policy in Sub-Saharan Africa.

Deliverables shall be drafted in English with the document template provided by the HIPSSA Project Team and shall include mandatorily the ITU and EC logos including in all slides presentations.

(Note: The copyright of all documents produced under the project shall be vested with ITU, RECs and RRAs)

and AU Commission.)

Qualifications and experience:

1. Advanced university degree in law, economics, finance, public policy, engineering or science or relevant field such as telecommunications, accounting and industrial economics etc., OR education in a reputed college of advanced education with a diploma of equivalent standard to that of an advanced university degree in one of the above-mentioned fields.
2. At least 10 years of progressively responsible experience in the field relevant to the post. In-depth knowledge and understanding of interconnection, tariffs and cost modelling. Experience in developing cost models. Knowledge of regulatory issues such as interconnection, tariffs, USO etc.
3. Gathered work experience in more than one country in the targeted sub-region.
4. Familiarity with ITU-T recommendations, regulations, as well as operational and administrative procedures.

Languages:

Excellent knowledge of English. Outstanding written communications skills.

Knowledge of another African Union official language (French, Portuguese or Arabic) is an advantage.

Please address applications, quoting above reference, to:

Mr. Sandro BAZZANELLA

ITU-EC Project Manager

International Telecommunication Union

Place des Nations, CH-1211 GENEVA 20, SWITZERLAND

with your Personal History File (PHF) and a short written proposal to the following email address:

hipssa@itu.int