International Telecommunication Union
Telecommunication Development Bureau

Project Budget Number:	
Project Title:	Connect A School, Connect A Community in TANZANIA
Start Date:	June 2011
Estimated End Date:	July 2013
Government Coop. Agency:	Ministry of Communication, Science & Technology
Implementing Agency:	International Telecommunication Union (ITU)
Beneficiary Country:	Tanzania
ITU Project Manager:	Asenath Mpatwa
BDT outputs	4

SUMMARY OF CONTRIBUTIONS

Description	**EUR**
Staff costs	52,000
Mission expenses	36,400
Purchase of equipment and supplies	94,000
Communications services	3,500
Other charges	150
AOS* (7.5%) rounded to	13,950
Total :	**200,000**

Cost sharing:

-Cash ITU (voluntary contribution MFAEE): Euro 200,000
-ITU: in-kind Euro 40,000
-Tanzania: in kind Euro 270,450

*) AOS are calculated on the total of cash contribution as per Annex A, i.e., 186,050*7.5%=13,954 rounded to 13,950

Brief Description:

This Project is designed to promote broadband connectivity in schools in remote, rural or underserved areas of TANZANIA, so that schools can be used as community ICT centres (CICs). This Project aims to improve ICT access and use by school children and members of the local community, including disadvantaged and vulnerable groups such as women and girls, indigenous and rural people, older persons and persons with disabilities.

This Project will connect schools to broadband Internet services, provide individual or shared computing devices to school children, and establish in the connected schools community ICT centres that can be used both for the socio-economic development of community members and to provide fee-paying services to foster sustainability for the community ICT centres. Furthermore, this Project will also provide relevant training for teachers, managers of the ICT centres and the trainers who will provide socio-economic relevant training for community members to enable use of ICTs in their day-to-day social and economic activities.

Best practices in promoting school connectivity related to polices, regulation, applications, services and practical experiences included in the ITU "Connect a School, Connect a Community" Toolkit (www.connectaschool.org) will be used in the implementation of this Project including any emerging best practices which ITU will identify around the world.

In addition, in order to ensure a common vision and understanding of the roles of all stakeholders, a national workshop will be organized for Senior-Government officials and other national stakeholders, to be funded by ITU, to discuss and agree on a work plan that will guide the implementation of this Project, building on assistance provided to TANZANIA in 2010 to develop a National School Connectivity Plan for TANZANIA, based on the best practices identified in the ITU "Connect a School, Connect a Community" toolkit (www.connectaschool.org).

The ITU in cash contribution to this Project is funded by a donation of the French Ministry of Foreign and European Affairs, while in kind contribution is provided through direct support to this Project by the Government of Tanzania as well as by ITU staff and experts.

On Behalf of	Signature	Date	Name/Title
ITU:		15/05/2011	Brahima Sanou, Director of BDT
Tanzania:		5.5.2011	FLORENS M. TURUKA PERMANENT SECRETARY MCST

PERMANENT SECRETARY
MINISTRY OF COMMUNICATION, SCIENCE AND TECHNOLOGY
DAR ES SALAAM

BACKGROUND AND CONTEXT

1.1. GENERAL INTRODUCTION

There has been sufficient evidence that Information and Communication Technologies (ICTs) provide unprecedented opportunities to accelerate development. ICTs have proven to be a powerful driver of innovation, growth and productivity globally. Broad access to ICTs provides significant opportunities for improving government public services, health care, education, business development and the environment. They also open new channels for sharing of global knowledge resources and the free flow of ideas and opinions.

Although communities that lack access and know-how of the use of ICTs risk marginalization, providing individual connectivity to rural and underserved areas as well as to disadvantaged and vulnerable groups is often too expensive for both the public or private sector. Smart policies promoting community access targeting these groups is required. Existing school buildings can be used as community ICT centers. These centres can use ICTs to provide training and education for the improved social and economic development of marginalized groups. It is for this reason that the International Telecommunication Union (ITU) has launched the "Connect a School, Connect a Community" Initiative.

Promoting school connectivity to enable schools to serve as community ICT centres (CICs) includes understanding and implementing a range of issues including policy and regulation; technologies for broadband network access, installation of network equipment; access to end-user devices such as laptops; teacher training; basic ICT training and ICT-enabled career training for members of the local community; providing assistive technologies and an accessible environment for persons with disabilities; developing and accessing content for education; understanding resources such as digital libraries; etc.

The ITU "Connect a School, Connect a Community" initiative promotes the twin goals of connecting schools to broadband Internet services and using schools as ICT community centres through two main activities: 1) identifying policies, legislation and regulations that ITU Member States can implement to connect their schools; and 2) implementing projects to connect schools to serve not only school children but also members of the local community including: youth, women, indigenous people and persons with disabilities. The ITU initiative was endorsed by the UN Secretary-General Ban Ki-moon during the 2009 ITU World TELECOM Youth Forum. Young people are the best promoters of ICTs and key facilitators in bridging the digital divide. Investing in school connectivity promotes ICT enabled education and development which leads to overall social and economic development particularly for developing and least developed countries such as Tanzania.

The Ministry of Foreign and European Affairs of France (MFAEE) is actively supporting the ITU "Connect a School, Connect a Community" initiative by co-funding with ITU, selected beneficiary countries and other partners, the development of school-based community ICT centres in three Sub-Saharan African countries.

Following an announcement of the MFAEE donation during the ITU World Telecommunication Development Conference in Hyderabad, India in May 2010, ITU issued a call for expression of interest by Sub-Saharan African countries in implementing national projects in line with the objectives identified in this Project Document. Eligible countries were selected based on this call for expression of interest and confirmation of their commitment to co-fund implementation of a national project in line with the Country In-Kind Contributions included in Section 7 of this Project Document, including obtaining any commitments from other partners to co-fund its implementation. ITU and MFAEE have entered into a related Partnership Agreement on 23 December 2010 which sets the terms and conditions for the MFAEE contribution. As part of this Agreement, MFAEE will provide its contribution to ITU in two tranches. The ITU cash contribution for this Project with Tanzania is subject to the terms and conditions of the above mentioned ITU-MFAEE Partnership Agreement.

1.2 JUSTIFICATION

A number of policymakers and regulators continue to develop policies and regulations which promote school connectivity and connect marginalized and vulnerable populations to broadband services. Tanzania is no exception.

Its education sector has undergone significant changes over the last 5 years and continues to change as the government strives to reach global targets such as the Millennium Development Goals (MDGs), the World Summit on Information Society (WSIS) Action Plan targets, the UN Convention on the Rights of Persons with Disabilities as well as national goals such as those set out in Vision 2025. The targets in the areas of Information Communications Technologies ("ICT") and Education are in many respects complementary. The concept of ICT for Education ("ICT4E") is not new in Tanzania, and ICT has been integrated (at a policy level) in the education framework for several years now.

Tanzania is a predominantly rural country with over 70 percent of its 42.5 million citizens residing in rural areas. 14 percent of the total population has access to electricity; however, this figure drops to 2 percent in rural areas. There are 15,816 primary schools, 4,875 secondary schools and 34 public Teachers Colleges and 13 private ones. It is estimated that 16 percent of primary and 23 percent of secondary schools had access to electricity in 2010, while the number of schools connected to the internet though not known, it is estimated that there are 15,600 computers for the 4,875 secondary schools in the country. Vision 2025's fourth goal for "a well educated and learning society" presupposes a high ICT penetration level which can support an effective education sector. The framework for applying ICT for development ("ICT4D") and specifically ICT for education ("ICT4E") is furthermore articulated in a number of policy and legislative instruments. ICT has been integrated (at policy level) in the education framework for many years; it has also been considered in the communications sector framework. Major education sector policies that recognize the importance of ICT4D and support the overarching Vision 2025 include the ICT Policy for Basic Education, 2007; Education Sector Development Programme (ESDP 2008 – 2017; the Primary Education Development Plan II (PEDP II), the Secondary Education Development Plan (SEDP) as well as the Zanzibar Education Development Plan ("ZEDP").

Given the target of having at least 50 percent of primary school student leavers enrolling in secondary schools, it is likely that the number of secondary schools and teachers' colleges will increase significantly over the next five years. This situation creates a good opportunity to ensure that as many new schools and colleges as possible have ICT connectivity from inception. Despite the country's infrastructure challenges, Tanzania's highly liberalized ICT sector, a well established regulatory environment and increasing ICT infrastructure, including recently landed undersea cables as well as a national fibre backbone, and strong demand for ICT in the education sector makes Tanzania a perfect home for the school connectivity project.

1.3 BENEFICIAIRIES

The primary target beneficiaries are school children as well as communities of remote, rural or underserved areas of TANZANIA. The Country was selected as a beneficiary country for this Project following the call for expression of interest mentioned in Sub-Section 1.1 above.

1.4. PROJECT DESCRIPTION

This Project will connect schools in remote, rural or underserved areas to broadband Internet services, through individual or shared computing devices to school children in the selected schools (including any necessary servers, printers, local area networks and other ICT equipment including assistive technologies for persons with disabilities). It will also establish community ICT centres in the connected schools that can be used to support socio-economic development activities of community members and to provide fee-paying services to ensure sustainability for the community ICT centres.

In order to address the local needs of the communities and further ensure project sustainability, this Project will also develop training materials and provide related training for three different groups to improve the quality of life for members of the targeted local community as follows:

- Teachers (e.g. on teaching children how to use computing devices, programmes and applications).
- ICT centre managers (e.g. on how to install, operate and maintain all ICT equipment, develop a business plan, teach users basic ICT literacy, etc.).
- Trainers who will provide training for community members (e.g. using ICTs to support the ongoing economic and social activities of community members and ICT-enabled career training, access to on-line public services, micro-credit and a host of other e-services).

To ensure common vision and understanding of the roles of all stakeholders, a workshop will be organized to create awareness among Senior Government officials and other national stakeholders. This workshop will discuss and agree on a work plan that will guide the implementation of this project, based on the best practices identified in the ITU "Connect a School, Connect a Community" toolkit (www.connectaschool.org) and any lessons learned from projects implemented in the country. This workshop will be funded by the 2011 ITU Hyderabad Action Plan Action 12045. This builds on assistance provided to TANZANIA in 2010 through Doha Action Plan Action 11126 to develop a National School Connectivity Plan for TANZANIA, through which senior Government officials were informed on the steps they and other stakeholders can take to connect all schools to broadband Internet services and create school-based community ICT centres, using the Connect a School, Connect a Community toolkit and other emerging best practices.

2. OBJECTIVES

The objective of this Project is to assist the Government of TANZANIA to improve ICT access and use by school children and members of the local community, including the disadvantaged and vulnerable groups in remote, rural or underserved areas.

It is also an objective of this Project to enhance the capacity building of local communities and individuals to harness the power of ICTs to improve their quality of life.

Furthermore, this Project seeks to support the Government of TANZANIA to promote ICT access and connectivity among marginalized and vulnerable groups in line with its Vision 2025 goals by facilitating the country to work more effectively on the WSIS targets of connecting all schools by 2015 as well as meeting the MDG goals and the UN Convention on the Rights of Persons with Disabilities.

3. EXPECTED RESULTS

In particular, the following outputs are expected:

- A minimum of four (4) schools in remote, rural or underserved areas of TANZANIA equipped and connected to broadband Internet services.
- Associated community ICT centres established.
- ICT equipment, software, applications and services procured and installed in the selected school-based community ICT centres, including at least one (1) with assistive technologies for persons with disabilities.
- Use and awareness of ICT services and applications enhanced.
- School teachers, managers and trainers of the community ICT centres trained.
- Recommendations for the sustainability of the connected schools and community centres.

PERFORMANCE INDICATORS

- Number of schools in remote, rural or underserved areas equipped and connected to broadband Internet services.
- Number of associated community ICT centres established.
- Number and characteristics of ICT equipment and computer devices installed.
- Number of people trained (teachers, managers and trainers).
- Number of training programs delivered.
- Number of school children given access to and using ICT equipment and related training.
- Number of community users per day.
- Number and type of fee-paying users per day.
- Number of teachers trained to use and teach by ICT enabled methods.
- Percentage of local funding provided for the project compared to total budget.

4. ACTIVITIES AND RESPONSIBILITIES OF THE PARTIES

The following key activities will be implemented by the Parties to this Project Document to achieve its objectives:

Activity	**Parties**
Appointment of ITU Project manager	ITU
Designation of Project team and counterparts (local personnel)	MCST
Assessment of the existing situation of the country	MCST
Identification and selection of the beneficiary schools	MCST
Identification of partners (local & foreign)	MCST, ITU
Evaluation of each school site (including identification of the type of connectivity to be implemented, equipment to be purchased, etc.)	MCST
Site preparation	MCST
Identification of equipment suppliers, procurement and delivery of the equipment	MCST, ITU & partners
Exemption of custom duties, taxes and other fees	MCST
Installation, testing and commissioning of equipment in the identified schools	MCST
Transfer of equipment ownership	ITU, MCST
Development of training materials	MCST, ITU & partners
Delivery of training courses to school teachers and community ICT centres managers , trainers and end users	MCST, ITU & partners
Official launch of the school-based ICT community centres	MCST
Monitoring usability of the centres	MCST
Evaluation of the Project and report	ITU, MCST &Partners

5. INPUTS

5.1 In-cash voluntary contributionheld in trust by ITU:

EUR 200'000. The voluntary contribution is funded by a donation of MFAEE referred to in Sub-Section 1.1 above. In the framework of the implementation of this Project, the MFAEE donation will be used exclusively to provide schools with ICT equipment for school children and implement school-based community ICT centres in TANZANIA (computers, local area networks, printers, servers, copy machines, assistive technology for persons with disabilities, software, etc.). It will also be used to develop the training materials, and to deliver the related training (to school teachers, community ICT centres managers and trainers). It may also be used for hiring experts to conduct the technical assessment of the situation at the national/local level. The amount of the MFAEE donation used in the framework of the implementation of this Project shall not exceed the in-kind and/or in-cash contribution from TANZANIA, including any relevant contributions from third-parties (e.g. ITU, sponsors or donors) provided the third-party is approved in advance by ITU. ITU will make no financial commitments nor begin Project activities to be funded by the MFAEE donation for which the necessary contribution(s) from MFAEE are not deposited in ITU's account.

EUR 180, 465.20 of the first tranche of the MFAEE donation has been allocated to this Project at the time of the signing of this Project Document. The remaining funds will be allocated to this Project upon receipt of the second tranche from MFAEE.

- ITU In-kind: estimated at EUR 40,000. ITU will exercise all reasonable skill, care and diligence to ensure success of this Project. In particular, ITU will provide human resources for the overall management of this Project and training materials developed by ITU.

5.2 TANZANIA:

- In kind: EUR 270,000.00. In particular, TANZANIA shall provide support by availing local and international bandwidth for the pilot project; cover local costs within target institutions for setting up and supporting the LANs and equipment; some of the costs of training of local staff and users to support the pilot project: during installations and when operational; some of the travel costs for local (Ministry and others) staff up country; and costs for Public seminars, awareness and marketing Campaigns. Specifically, the

    - Internet connectivity for a minimum of three (3) years to the schools where the community ICT centres will be implemented.
    - Dedicated space for a community ICT centre in the schools and the required furniture, electricity and renovations, etc. (e.g. to ensure access by persons with disabilities) for the approved community ICT centres;
    - Local staff to serve as managers responsible for the community ICT centre for three years;
    - Teachers to participate in training courses to teach school children how to use ICT equipment, software and other services.
    - Trainers to participate in "train the trainer" courses in order to provide ICT skills to support socio-economic activities for community members (e.g. using ICTs to support their ongoing economic activity and ICT-enabled career training, etc.).
    - National focal point to provide oversight of all local and national entities in implementing this Project and to organize the logistics for all related training.
    - Support to ITU staff and experts during implementation of this Project.
    - Promotion of this Project among national media and local communities in order to encourage all stakeholders' continued involvement in this Project, and to build political will for connecting all schools at the national level.
    - Exemption for any imported equipment necessary for this Project, from prohibition and restriction on imports, custom duties, taxes (direct and indirect) and from any other fees.

The value of the contribution of TANZANIA can include relevant contributions from third-party sponsors or donors to TANZANIA, provided the donors or sponsors are approved in advance by ITU.

6. RISKS

In-country activities may suffer delays due to unforeseen local events and/or circumstances. This risk will be reduced by closely involving the national focal point and the ITU Project manager based in the ITU Regional Office for Africa (Addis Ababa) in the development and implementation of this Project.

Lack of required expertise and commitment at the local level may also delay this Project. This risk will be reduced by ensuring provision of appropriate on-site training of the relevant local staff.

7. PROJECT MANAGEMENT

This Project will be managed by an ITU Project manager based at the ITU Regional office for Africa (Addis Ababa) in close collaboration with the Director for ICTs in the MCST-Tanzania as a Focal Point, participating partners and relevant departments of ITU Headquarters.

7.1 ROLE AND RESPONSIBILITIES

- **ITU:**

ITU will be responsible for the overall management of this Project. ITU will provide its expertise and international experience to enable realization of this Project's objectives. In particular, ITU will be responsible for those activities identified under Section 4 above.

The voluntary contribution portion of this project managed by ITU will be implemented in accordance with applicable ITU Rules, Regulations and Procedures. Accordingly, personnel will be engaged and administered, equipment, suppliers and services purchased, and contracts entered into, in accordance with the provisions of such Rules, Regulations and Procedures.

All financial statements will be expressed in Euros (EUR).

The ITU-managed portion will only be subject to the internal and external auditing procedures laid down in the Financial Rules, Regulations and Procedures of ITU.

- **Tanzania**

TANZANIA will be responsible for on-site implementation of this Project as well as for those activities identified under Section 4 above.

7.2. MONITORING AND EVALUATION

The ITU Project manager will prepare, in collaboration with the national focal point, periodic progress reports, which will provide a summary of this Project progress on a site-by-site basis, challenges faced in implementation, as well as any necessary amendment(s) that may be required in the process of implementation.

At the end of this Project, the ITU Project manager will prepare, in collaboration with the national focal point, an evaluation which will assess the success of this Project for each site in terms of meeting its stated objectives, expected outcomes and impact on the beneficiaries, including the performance indicators.

Post-implementation feedback from TANZANIA will provide lessons-learned and best practices. This will be used in planning and replicating similar projects.

8. MISCELLANEOUS

ITU cannot be held responsible for any consequences should "TANZANIA" fail to meets its obligations under this Project Document.

Nothing in or related to this Project Document may be interpreted or construed as a waiver, a modification or a renunciation of the privileges, immunities and facilities which ITU enjoys by virtue of the 1947 Convention on the Privileges and Immunities of the Specialized Agencies to which TANZANIA is a Party since 29 October 1962.

The Parties to this Project Document confirm that they shall exercise good faith efforts to resolve any dispute between them arising from or in connection with this Project Document through mutual negotiation and agreement.

9. PROJECT SUSTAINABILITY

Sustainability of this Project is a key issue in this project. Therefore to foster community responsibility for long term sustainability, TANZANIA commits to ensure that Internet connectivity is provided for a minimum of 3 years to the schools where the community ICT centres will be implemented.

Moreover, to ensure a shared vision of the concept of the ITU "Connect a School, Connect a Community" initiative, a workshop was organized at national level in December 2010, funded by ITU, to build political will and to encourage the country to extend this Project at a national level, including the implementation of a National School Connectivity Plan in order to ensure long term Internet connectivity in the country's schools. This work will be reinforced by an additional national workshop to be held in May 2011, funded by ITU, to guide implementation of this Project.

10. PROJECT BUDGET

The budget is shown in Annex A

11 PROJECT WORK PLAN

The Work Plan is shown in Annex B

Annex A. ***BUDGET***

SPC	DESCRIPTION	ITU EUR In cash	ITU EUR In kind	TANZANIA EUR in-kind	TOTAL EUR
	STAFF COSTS				
3001	Permanent Staff		40'000	80'000 (4 Staff for 3 years)	120,000
3004	SSA – Consulting	48'000			48,000
3005	SSSA – Translation	4'000			4,000
3006	Non-Permanent Personnel Salaries			20'000 (2 staff for 3 years)	20,000
	Sub-total:	**52'000**	**40'000**	**100,000**	**192,000**
	MISSION EXPENSES				
3141	DSA – SSA Consulting	12'400			12,400
3142	Transportation– SSA Consulting	12'000			12,000
	DSA Staff	5,000			5,000
	Transport staff	6,000		16,000	22,000
	Misc. mission staff	1,000			1,000
	Sub-total:	**36'400**		**16,000**	**52,400**
	EXTERNAL SERVICES				
3330	Accommodation to Schools- rehabilitation of rooms and provision of power			35'000	35'000
	Sub-total:			**35,000**	**35,000**
	PURCHASE OF EQUIPMENT AND SUPPLIES				
3430	Purchase IT equipment	80'000			80,000
3440	Furniture for Schools and Project Office			44'000	44,000
3450	Purchase computer software	14'000			14,000
	Sub-total:	**94,000**		**44,000**	**138,000**
	COMMUNICATION SERVICES				
3510	Shipping costs (transportation)	1'750		10,000	11'750
3522	Broadband Internet (2Mbps on Copper) for ten schools and Project office (3yrs)			55'450	55'450
3530	Insurance costs	1'750			1'750
	Sub-total:	**3'500**		**65,450**	**68,950**
	OTHER CHARGES				
3720	Misc. & contingency (e.g. customs clearing)	150		10,000	10'150
	Sub-total:	**150**		**10,000**	**10,050**
	SUB-TOTAL PROJECT	186'050	**40'000**	**270,450**	**496,500**
3730	AOS (7.5%)	13'950			**13,950**
	TOTAL BUDGET	**200'000**	**40'000**	**270,450**	**510,450**

Annex B. ***WORK PLAN***

Activity	**Start**	**End**
Appointment of ITU Project manager	June 2011	June 2011
Designation of Project team and counterparts (local personnel)	June 2011	June 2011
Assessment of the existing situation of the country	September 2011	September 2011
Identification and selection of the beneficiary schools	August 2011	August 2011
Evaluation of the school site (including identification of the type of connectivity to be implemented, equipment to be purchased, etc.)	September 2011	October 2011
Site preparation	October 2011	January 2012
Identification of equipment suppliers, procurement and delivery of the equipment	September 2011	January 2012
Installation and commissioning of equipment in the identified schools	January 2012	June 2012
Transfer of equipment ownership	October 2012	November 2012
Development of training materials	August 2011	December 2012
Delivery of training courses to school teachers and community ICT centres managers and trainers	February 2012	Continuous
Official launch of the schools based ICT community centres	December 2012	December 2012
Evaluation of the Project and report	June 2013	July 2013