



## UN Development Programme

### Egypt - Cairo

**Award ID:** 00045558 EGY09001  
**Award Title:** Empowering & Connecting the Community through ICT: Eg  
**Start Year:** 2007  
**End Year:** 2013

**Implementing Partner**  
**(Executing Agency):** Ministry Of Communication & In

Budget (US\$) as of Last Revision on 20-April-2011		
Donor	Fund	Amount
UNDP	04000 TRAC (Lines 1.1.1 and 1.1.2)	1.00
MCIT	30071 Programme cost sharing - GOV1	11,438,797.56
<b>Total Budget (2011 and Beyond )</b>		11,438,798.56
<b>Total Expenditure (2010 and Prior )</b>		14,766,348.65
<b>Award Total</b>		26,210,000.00
<b>Unprogrammed/Unfunded</b>		0.00

#### Responsible Party

**(Implementing Agent):** EGY-Ministry Of Communication  
 UN Conference on Trade and Dev

**Revision Type:** Substantive Revision

#### Brief Description:

This substantive project revision is to complement the ongoing projects between the Government of Egypt and UNDP while aiming at:  
 a) facilitating the development process related to various organizational, legislative and regulatory framework issues; b) fostering the promotion of the information society through engaging the civil society and non-governmental organizations and; c) helping better integrate Egypt into the global information society.

Following a mid-term review, the Programme Management Unit is recommending the inclusion of new actions within the framework of the ongoing project activities to adapt to MCIT's priorities and targets. The new actions will focus on: Supporting the Implementation of the latest version of MCIT Strategy focusing on new areas of application such as Green ICT, Outsourcing Services, Cloud Computing, Social Networking and Empowering the Community; and Fostering Knowledge Sharing and Partnership Building with International, Regional and National Stakeholders to help building the Knowledge-Sharing Society. Therefore, this budget revision is to increase the project budget by USD 8,000,000 and extend the project's duration for one year. Further, this budget revision to rephase the unspent amount from 2010 to future years.

Agreed by:	Signature	Date	Name/ Title
SFD		.....	H.E. Dr. Maged Ibrahim Othman Minister of Communications and Information Technology Minister of Communications and Information Technology
MOFA		30-5-2011	H.E. Ambassador Bassem Khalil Deputy Assistant Foreign Minister & Director of International Cooperation Ministry of Foreign Affairs
UNDP		31/5/2011	Mounir Tabet UNDP Country Director

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## Project Background

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The project "Empowering and Connecting the Community through ICT" was initiated by the Ministry of Communication and Information Technology (MCIT) in partnership with United Nations Development Programme (UNDP) in 2007. This formed a partnership between MCIT and UNDP and commitment to the continuous development of the information and communication technology (ICT) sector leading to the institutionalization of the information society as one of the highest priorities for the country.

The project is grounded on the recognition of the strategic value of ICT in the economic development and as a critical component of the national economy, not only due to its substantial contribution to employment, exports and diversification of the economy, but for its dynamic and innovative potential, and its broader role in providing enabling technologies, products and services that underpin the development of Egypt as a knowledge economy in the global market. ICT, as part of the national development strategy, was formulated to ensure its effective deployment and use for the benefit of citizens and enterprises. Comprehensive assessment and review mechanisms were established to analyze the policy challenges and opportunities of ICT for the information economy to identify critical success factors as well as impediments in order to adjust and update ICT policies. ICT proved itself as a major building block in the overall socioeconomic development process and as an enabler for the realization of the MDGs. The project aimed at facilitating the development process related to various organizational, legislative and regulatory framework issues; fostering the promotion of the information society by engaging the civil society and non-governmental organizations and; helping better integrate Egypt into the global information society. The project contributes to reduce human poverty, improve quality of life and accelerate the socioeconomic development through producing the following results : A) Universal access policies and strategies developed and upgraded; B) ICT applications supported; C) Innovation enhanced; D) Legal and regulatory enabling environment created; E) Human resources training and development supported; F) Knowledge sharing and internal management support systems established.

The project complements the ongoing projects between the Government of Egypt and UNDP in the ICT sector, by focusing on the following areas: a) facilitating the development process related to various organizational, legislative and regulatory framework issues; b) fostering the promotion of the information society through engaging the civil society and non-governmental organizations and; c) helping better integrate Egypt into the global information society.

The project, which is now in its third year of execution, is implementing activities to achieve the following:

- a) Universal access policies and strategies developed and upgraded;
- b) ICT applications supported;
- c) Innovation enhanced;
- d) Legal and regulatory enabling environment created;
- e) Human resources training and development supported;
- f) Knowledge sharing and internal management support systems established.

The Programme Management Unit is now recommending expanding the scope of the project by adding actions in three main areas:

**1. Supporting the Implementation of the latest version of MCIT Strategy focusing on new areas of application such as Green ICT, Outsourcing Services, Cloud Computing, Social Networking and Empowering the Community.**

a) Exploring New Areas for ICT Applications with a focus on:

- Green ICT
- Outsourcing Services
- Cloud Computing

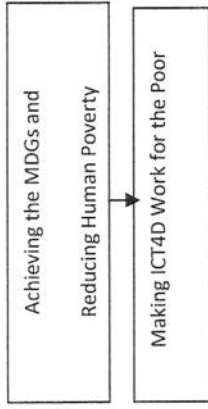
b) Social Networking and Empowering the Community:

- Living Labs – Egypt
- Community Based Knowledge Development

**2. Fostering Knowledge Sharing and Partnership Building with International, Regional and National Stakeholders to help building the Knowledge –Sharing Society.**

- Engaging with International Organizations in Conducting Studies Related to the ICT Sector
- Hosting and Participating in International ICT events
  - i. Promoting South-South Cooperation on ICT

It is estimated that these new actions will require a **budget increase of USD 8,000,000.00** and the extension of the project's duration for one year.



National eStrategies to facilitate increased access and foster use of ICT to achieve development goals formulated and/or implemented

Activity Result	Activity Result A Universal access policies and strategies developed and implemented	Activity Result B ICT applications supported	Activity Result C Innovation enhanced	Activity Result D Legal and regulatory enabling environment	Activity Result E Human resources training and development supported	Activity Result F Knowledge sharing and internal management support systems established
<b>Main Actions</b>	A1 - Upgrade and develop eAccess policies A2 - Strengthen telecom policy unit A3 - Establish postal policy unit	B1 - Increase Arabic eContent development of cultural eContent B2 - Entice the development of cultural eContent B3 - Support ICT for eHealth and eEducation	C1 - Support the development of Nile University C2 - Increase Research and Development Centers of Excellence in different fields C3 - Support incubation of innovative entrepreneurial projects	D1 - Build confidence, trust and security in eBusiness D2 - Set policies and provide technical expertise for media convergence	E1 - Conduct ICT basic training using the ICDL testing engine E2 - Develop professional training E3 - Raise ICT awareness and outreach	F1 - Increase access to information and knowledge F2 - Conduct regional training F3 - Enhance effective representation and participation in regional and international events F4 - Utilize international expertise F5 - Formulate communication strategy F6 - Support project management unit

## **Progress towards Project Activity Results and Achievements**

### **Activity Result A - Universal access policies and strategies developed and upgraded**

The project has further developed the capacity of the national infrastructure; undertaken initiatives to improve Egypt's eReadiness; and supported the formulation of Telecom Reform policies as well as Postal Reform policies.

### **Activity Result B - ICT applications supported**

The project realized activities aimed at enticing the development of cultural eContent and promoting the production of Arabic eContent.

Furthermore, eHealth and eEducation activities have been implemented as part of Activity Result B. The project has also partially supported the Cyber Peace Initiative whose mission is to empower youth through ICT and to disseminate a culture of peace.

### **Activity Result C - Innovation enhanced**

The project has supported the establishment and program formulation of the Nile University, a research and academic institution whose mission is to contribute to the development of the technology-driven economies in Egypt and the region through the pursuit of education and research at the highest levels of excellence.

### **Activity Result D - Legal and regulatory enabling environment created**

With the scope of this activity result, the project has supported the creation of a solid regulatory regime which has been identified as one of the key areas to build confidence, trust and security in e-Business. Moreover, the e-signature law was launched in September 2009 as a key component in efforts to stimulate e-business, e-commerce, e-government and other web based services. Furthermore, this activity result has been concerned with advancement related to policy formulation for media convergence. With regard to the policy component, a regional strategy for the Arab Region has been set to strengthen the use of ICT in the region and meet the potential and challenges of media convergence.

### **Activity Result E - Human Resources training and development supported**

This activity result encompasses training activities related to both basic as well as professional training. ICT basic training is mainly performed through training school and university students as well as unemployed youth and government staff to obtain the ICDL certificates benefitting of the testing engine purchased and maintained through the project; supporting Youth of IT Clubs through training programs targeting young citizens from marginalized communities, focusing on the production of content community knowledge products. In 2009, 560 youth of IT Clubs received training over six-month period. Professional training has supported graduates to get scholarships at ITI and NTI for specialized ICT training.

## **Activity Result F - Knowledge sharing and International Management Support System established.**

This activity result has focused on the establishment of a Project Management Unit (PMU) to supervise the implementation of project activities; formulation and implementation of a communication strategy through publications, website updates and involvement of media; enhancement of participation and representation in international events and *fora* which have increased exposure to the latest state of the art technologies and technical expertise. This reflects one of the key priorities of the project towards fostering international and regional cooperation and knowledge sharing on ICT. Knowledge sharing and partnership building with international organizations is mainly achieved by:

### a) Participation in international events focusing on ICT

The Project has strengthened MCIT's **engagement in regional and international activities** as part of a strategy to boost cooperation and develop Egypt's exports of IT services and products. ICT companies specialized in several fields have showcased their products through this engagement. MCIT senior officials have participated in important ICT events to promote Egypt's best practices in the field of ICT both regionally and internationally. Through these exchanges, MCIT has increased its visibility and affirmed its role as a leading actor in the ICT evolution in Egypt. Moreover, these exchanges have favored the opening of new business channels for Egyptian companies and opportunities for Egyptian experts.

MCIT has developed cooperation with international partners such as the International Telecommunication Union (ITU), World Bank, UNDP, United Nations Conference on Trade and Development (UNCTAD), United Nations Educational, Scientific and Cultural Organization (UNESCO), Organization for Economic Co-operation and Development (OECD).

MCIT undertook important missions to Ethiopia, United Kingdom, US, Canada, and the Far East in 2010 to open new channels of cooperation, increase ICT exports opportunities, and bring foreign investment to the ICT sector in Egypt.

In the context of reinforcing bilateral relations between Egypt and the US, ministerial mission continued annual visits to the US which was made in June 2010. The MCIT mission included several ICT officials and a trade mission of a number of Egyptian companies operating in the field. The visit came within the spectrum of the keenness of MCIT to boost and put into force bilateral cooperation in ICT, especially in view of the US Administration's openness towards the Middle East in general and Egypt in particular. This year's visit –conducted under the slogan "Egypt-USA Partnership in Action" - reinforced the previous business trips to US. The business trip aimed at boosting the current partnership between the two countries and opening new cooperation channels on the levels of policies and supporting of strategic dialogue in ICT-related fields like innovation, creativity and entrepreneurship. A number of agreements between IITIDA and some American ICT Companies were signed.

A ministerial mission visited Singapore and Malaysia in March 2010 to reinforce bilateral relations. Senior officials from MCIT, ITIDA, Post, as well as a trade mission of Egyptian ICT companies and civil society organizations made the visit. Several MoUs were signed to initiate trade representation

activities for small and medium-sized companies between Egypt and Singapore, improve traditional postal services and develop new, innovative valued-added ones, improve and develop postal services and create new ones via information and exchanged expertise, cooperate in training, exchange expertise and data and work on joint projects related to protecting children from cyber threats.

- MCIT ministerial mission participated in the 14th African Union Summit held which took place early this year in January and February in Addis Ababa, Ethiopia under the theme of "Information and Communication Technologies in Africa: Challenges and Prospects for Development". The summit aimed at developing and fostering a clear statement of political will and taking concrete steps to establish foundations for an Information Society for all, in Africa, contributing towards the creation of an "enabling environment" in Africa. This could be achieved by supporting the development of a harmonized policy framework for the ICT sector, encouraging member states to develop comprehensive policies and e- strategies, as prerequisite to increase investment and rapid development of ICT Infrastructure and services in order to address the current constraints of communication costs.
- Moreover, MCIT is an Observer Country in the OECD Information Communication and Computer Policy Committee (ICCP) along with its four Working Parties for Indicators Policy (WPIP); Information Security and Privacy (WPISP); Information Economy (WPIE); and Communication Infrastructure Services Policies (WPCISP); MCIT delegates regularly travel to Paris to participate in these meetings. The project supports the partnership with OECD, organizing the missions and sponsoring the annual subscription for Egypt's membership as an Observer Country. These meetings expose Egyptian ICT experts to the latest development in the field, in terms of technology and policies, facilitating a flow of information and expertise from the international to the national level.

The project has also supported the organization of international events hosted in Egypt, as the ITU 7th World Telecommunication/ICT Indicators Meeting in Cairo in March 2009 and the Internet Governance Forum which took place in November 2009 in Sharm El Sheikh.

#### b) Seeking international expertise in conducting studies to assess best practices in Egypt

The project has been using the expertise of international experts to conduct studies, identify best practices, evaluate ICT policies and strategies, and issue recommendations. The New ICT Innovation Strategy was one among the latest studies financed and supported by the project. The study was conducted by D&L Company and professors from Insead in France. The company was selected to conduct the study through an international tender. The study has identified (from a strategic point of view) the trends, changes, challenges, and opportunities likely to affect innovation in the Egyptian ICT Sector over the next few years and suggested projects/avenues for action to enhance Egypt ability to position itself optimally in the emerging innovation-based global competition.

The project has also supported a World Bank study for the Assessment of the Information Center Capacity Building" as well as a "Review of Egypt ICT Strategy 2007-2010" by UNCTAD. The Project has just started supporting OECD to perform a Peer Review Study on ICT Policies in Egypt and in particular



*ICT Diffusion to Business*. The Peer Review by OECD is a unique activity that assesses ICT policies for member and non-member countries and it will be very useful for MCIT to engage with OECD/ICCP/WPIE in this important exercise. The study will be accomplished in 2011 and the project will support providing a voluntary contribution to OECD for the experts' time and travel.

c) Promoting Egypt's South-South on ICT

The project has a strong relevance to one of UNDP's priority areas, namely South-South Cooperation (SSC). With regard to SSC, it is worth mentioning the participation to and/or hosting of the following activities and events:

- **Training program for African ICT professionals:** MCIT has continuously organized and supported advanced two-week ICT training program "ICT Experts in Africa Training Program" co-organized by MCIT and NTI as part of the collaborative efforts between MCIT and African Telecommunications Union (ATU). The training programs aimed at providing the trainees with technical and theoretical knowledge and skills necessary to develop their technical and professional capabilities. The training sessions tackled issues like switching technologies, GSM, VoIP and other ICT-related fields. The last training program, which was the fifth, took place in January and February 2009. The program tackled a number of evolving modules tailored to meet the specific needs of the African ICT market. The project has supported the participation of MCIT in all **ICT regional conferences** as the Africa Outsourcing Summit in London, March 2009; the Africa Regional Ministerial Meeting on eHealth in Ghana, June 2009; the 10th Ordinary Session of the African Telecommunications Union (ATU); the Administrative Council Meeting in Burkina Faso, Ouagadougou in June 2009.
- In 2010, MCIT ministerial mission participated in the 14th African Union Summit held from 25th January to 2nd February in Addis Ababa, Ethiopia under the theme of "Information and Communication Technologies in Africa: Challenges and Prospects for Development". The summit aimed at developing and fostering a clear statement of political will and taking concrete steps to establish foundations for an Information Society for all, in Africa, contributing towards the creation of an "enabling environment" in Africa by supporting the development of a harmonized policy framework for the ICT sector, encouraging member states to develop comprehensive policies and e- strategies, as prerequisite to increase investment and rapid development of ICT Infrastructure and services in order to address the current constraints of communication costs.
- The 14th African Union Summit 2010 summit resulted in political decisions that will contribute towards the creation of an enabling environment for ICT development in Africa in order to increase investments in the ICT sector and address the current constraints of communications costs, increased awareness of ICT as a tool to accelerate the political and socio-economic integration of the continent, awareness cutting-edge information communication technologies products and best practice projects. This annual summit for the African Union was a gathering for all African leaders, in order to discuss all important issues, in a step forward towards establishing one government for Africa. The Egyptian experience in ICT was the focus of the meeting. As a follow up of the Summit, an MoU was signed between Egypt and South Africa on cooperating in several domains as establishing technology parks, the development of postal services, setting regulatory frameworks of telecom regulators and expertise exchange in establishing excellence centers. An MoU was also signed between Egypt and Kenya on transferring the Egyptian expertise of setting up smart villages to Kenya.

## Rationale for a Project Revision

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As illustrated in the above section, the project has implemented a high number of activities and registered significant progresses toward the achievement of the expected outcomes. Accordingly, the project is maintaining a high expenditure rate which has been, in average, 95% (equivalent to an average of USD 4 million per year). The Project Management Unit, following revision of Activity Results progresses and delivery rate has recommended a project revision and a budget increase. The recommended revision's objective is two-fold support for:

A. Ongoing Activities: The project will continue its work on the previously agreed activities; also, it must be emphasized that the project has played an important and core role as a focal point for knowledge sharing activities and capacity building of all MCIT programs. In particular, the project has built the capacity of the other programs by identifying the opportunity of exposure to international best practices and supporting a high number of missions abroad, with the two-fold purpose of enhancing the visibility of MCIT best practices in the international ICT community and benefitting from knowledge sharing with international stakeholders.

B. New Activities: the activities already implemented have opened up new windows of opportunity for an expansion of project activities in the following areas:

**1. Supporting the Implementation of the latest version of MCIT Strategy focusing on new areas of application such as Green ICT, Outsourcing Services, Cloud Computing, Social Networking, and Empowering the Community.**

a) Exploring New Areas for ICT Applications with a focus on:

- Green ICT
- Outsourcing Services
- Cloud Computing

b) Social Networking and Empowering the Community:

- Living Labs – Egypt
- Community Based Knowledge Development

**2. Fostering Knowledge Sharing and Partnership Building with International, Regional and National Stakeholders to help building the Knowledge –Sharing Society.**

- Engaging with International Organizations in Conducting Studies Related to the ICT Sector
- Hosting and Participating in International ICT events

ii. c. Promoting South-South Cooperation on ICT

In order to continue with the ongoing activities and cover the cost of the revised new activities a budget increase is recommended by the Project Management Unit. It is estimated that this expansion of project activities will require a budget increase of USD 6,000,000. In accordance with UNDP Programme and Operations Policies and Procedures, a Substantive Project Revision is required for UNDP/MCIT project no. 0004555 to incorporate a significant variation, represented by an adjustment of project activities and the estimated budget increase of USD 6,000,000, to fund the new activities.

## **Activity Result B**

### **Activity Result B: "ICT Applications Supported"**

The new activities falling under Activity Result B will be aimed at exploring new Areas for ICT Applications with a focus on Green ICT, Outsourcing Services, Cloud Computing. The support of the project to these areas of work will be aimed at exploring new solutions, collect best practices and promote Knowledge sharing.

#### **a. Green ICT**

The project will provide support to the implementation of the Memorandum of Understanding (MoU) on Green Information and Communication Technology (ICT) Strategy signed by the MCIT and the Minister of State for Environmental Affairs (MEA). It aims at raising community awareness about Green ICT challenges and opportunities, setting fundamentals and national policies for Green ICT, adopt a multi-stakeholder approach to address various green ICT challenges, reduce the adverse environmental effects resulting from the expansion in the use of ICT, supporting the use of communication and information technology as an effective tool to reduce GHG emissions resulting from other sectors. The framework of this protocol is based on three main programs: Raising awareness about Green ICT, electronic wastes management, and ICT solutions: A more sustainable future.

#### **b. Outsourcing Services**

Business and knowledge process outsourcing services have been a particular focus of MCIT, and studies mark Egypt as one of the most competitive and attractive locations worldwide in this field as a result of its international telecommunication centers and large pool of highly qualified, multilingual graduates.

#### **c. Cloud Computing**

MCIT is engaged to explore and utilize the advantages offered by cloud computing in order to place Egypt on the global cloud computing scene as a credible provider of cloud based services, host global clouds, and developer of technologies related to cloud infrastructures.

## **Activity Result C**

### **Innovation enhanced**

The project will support the latest version of MCIT Strategy (2011-2014), with special regard to piloting t Egypt - Living Labs and the development of a Community Based Knowledge model.

### **a. Living Labs-Egypt**

Living Labs is a fairly recent concept that brings together interdisciplinary experts to develop, deploy and test, in actual living environments, new technologies and strategies in collaboration with user communities. The structure around Living Labs is a user-led tripartite organization, which experiments the innovation (product or service) in the user's territory. The main players constitute three groups: the developers, the users, and the third party partners (academia, industry, and financial institutions). This structure has the Network Management as leader. Inspired by the European Network of Living Labs (ENOLL), the project intends to set up an Egyptian Living Labs Network that would be geared to introducing innovation into chosen communities for the purpose of development. This would be facilitated by the use of information technology and Internet. The project will be the main hub of the Egyptian Living Labs Network. The Egyptian Living Labs Network will cooperate with ENOLL and the Finnish Living Labs for capacity building and replication of best practices.

### **b. Community Based Knowledge Development**

This component aims at **establishing communities of practice through ICT** focusing on People with Disabilities and Water Use Ethics.

The project aims at increasing the awareness of the communities about the importance of inclusion of people with disabilities in the education and employment fields, providing equal opportunities of developing knowledge and skills. The Project aims at building societies that respect the water use ethics and implement it effectively. This cluster of activities will support the efforts of the employees in water associations and irrigation districts in educating farmers and community members on how to deal with water and raising their awareness and disseminating the best practices in water usage.

The project will support the two areas of disability and water ethics through organizing assessment workshops, training of trainers (TOT), as well as developing toolkits, websites, on-line portal, and Community Driven Knowledge Products (CDKP).

## **Activity Result F**

### **Knowledge Sharing and Partnership Building with International Organizations**

The new activities under Activity Result F will aim at fostering knowledge sharing and partnership building with International, Regional and National stakeholders to help building the Knowledge –Sharing Society. The project has already achieved significant progresses in this area; the initiatives undertaken during the first three years of implementation have opened up new windows of opportunity in this thematic area. This component which will represent the bulk of work in the following two years of implementation, encompasses three main clusters of activities:

- a. Engaging with International Organizations in Conducting Studies related to ICT
- b. Hosting and Participation in international events focusing on ICT
- c. Promoting South-South Cooperation

## **a. Engaging with International Organizations in Conducting Studies related to ICT**

### Information Communications Technology Policy Review (ICTPR)

As part of the new activities under Activity Result F, the project will review the National ICT Strategy 2007-2010. The review should help the Government of Egypt to:

- Quantify the main achievements regarding the implementation of ICT policy measures as foreseen in the ICT strategy;
- Identify critical success factors, best practices and conditions, as well as reasons for failure to be able to adjust and reform ICT policies;
- Formulate new and targeted policy proposals to support and accelerate ICT penetration with government, businesses and the society. The project is expected to end by 2011.

### Formulation of Egypt's ICT Strategy for 2011-2014

As mentioned before, a study has been recently conducted by D&L involving experts from Insead University in France on the Formulation of Egypt's ICT Strategy with ICT Innovation as a pillar of Egypt's new ICT Strategy for 2011-2014. The first phase of the study has been conducted and the second phase will be conducted in year 2011. The study should result in:

- Position Egypt as an attractive location for Multinational Corporations (MNCs) to site high-value added activities such as research, design, and development on the ICT sector
- Build 'Brand Egypt' such that foreign and third-parties recognize the leading position of Egypt in the field, especially in the Arab world
- Raising the awareness of ICT community of the importance of ICT innovation, as it was known that Information and Communication technologies by their nature are major drivers of Innovation and Research and Developments.

### Study on "Validating and setting a methodology for calculating the value of the ICT exports"

This study aims at measuring exports for the ICT sector in Egypt, through identification of agencies collecting relevant data; and of relevant available indicators in Egypt. The study will involve a brief report on best practices in measuring exports in the ICT sector, including summary of international standards; methodologies used in benchmark countries; and sample calculation in benchmark countries. It will also include definition of ICT Export Sector and its trade-related Classifications. Drawing on the sector classification, the study will also involve a short, practical report that would define and classify the sector and trade categories needed for the measurement of ICT Exports in the ICT sector in Egypt.

### Study on "Reviewing the methodology for calculating the current deflator"

The project is an extension to the previous joint project of "Developing a New Deflator for the Communications and Information Technology component of GDP in Egypt" that was conducted in 2008 and in which a methodology was designed for measuring a value for the ICT deflator in Egypt that is currently being used every quarter to produce the deflator. However, recently there have been several developments that took place affecting the inputs of the formula of the deflator. This new study shall aim to review the current methodology used in calculating the index, in order to take into account these new updates and developments. Since these developments are seen to touch upon fundamental elements of the methodology used to calculate the deflator currently, hence, this calls for reviewing the current methodology to maintain the accuracy of calculations.

## **b. Hosting and Participation in international ICT events**

The Project will further support MCIT's engagement in regional and international activities to present Egypt's vision of the information society as well as to attract partnerships and expertise to support the implementation of the national ICT plan. In particular, MCIT will further its cooperation with international partners such as the International Telecommunication Union (ITU), World Bank, UNDP, United Nations Conference on Trade and Development (UNCTAD), United Nations Educational, Scientific and Cultural Organization (UNESCO), Organization for Economic Co-operation and Development (OECD). The MCIT will also continue its regular missions to UK, United States, Canada, Asian countries, in an effort to open new channels of cooperation, and ICT exports opportunities, as well as attracting foreign investment to the ICT sector in Egypt.

Moreover, MCIT will maintain its position as an Observer Country in the OECD Information Communication and Computer Policy Committee (ICCP) along with its four Working Parties for Indicators Policy (WPIP); Information Security and Privacy (WPISP); Information Economy (WPIE); and Communication Infrastructure Services Policies (WPCISP). The project will maintain its support to the partnership with OECD, organizing the missions and sponsoring the annual subscription for Egypt's membership as an Observer Country. These meetings expose Egyptian ICT experts to the latest development in the field, in terms of technology and policies, facilitating a flow of information and expertise from the international to the national level.

### ICT Diffusion to Business Peer Review Process

MCIT will continue its engagement with the Organization of Economic Cooperation and Development (OECD) in the newly started Peer Review Process entitled "ICT Diffusion to Business Peer Review Process". The Peer Review is a major activity conducted by the OECD to increase its monitoring of member countries' implementation of policy recommendations of the OECD in the different sectors areas. As MCIT in Egypt is an Observer country in the Information, Communications, and Computer Policies Committee (ICCP) of the OECD and its four working parties, it has requested conducting the study. MCIT has chosen to conduct the Peer Review Process for two reasons: 1) to strengthen Egypt's position as a regular observer in the Committee of Information, Computer, and Communications Policies (ICCP) of the OECD at the micro level; and to complement the efforts taken by other member ministries within Egypt's national committee of cooperation with OECD at the macro level.

A national committee was created to coordinate and boost national efforts to empower and upgrade Egypt's position in the reputable OECD organization. It is worth mentioning that both Ministry of Investment and Ministry of Administrative Development have preceded MCIT in conducting this important review with OECD. The Ministry of Foreign Affairs, the responsible entity of managing the work of this committee, has urged the member ministries to take all necessary actions to get engaged with the organization in its activities.

The choice of OECD to conduct this review stemmed from the fact that it is doing a unique kind of processes. Although the process is conducted based on the request of the reviewed country; however, OECD considers the Peer Review Process as one of its deliverables to its 32 developed countries members. The report has to be approved by these members to be declassified and published by OECD.

Other international organizations do not engage other countries in evaluating policies of reviewed countries. The reviewed country does not get the chance to explain and defend its policies in different kind of reviews other than the Peer Review Process. Additionally, once completed, the Peer Review Process is considered a major input to other OECD publications. This means another opportunity to disseminate information about Egypt's success and reform programs on a wide scope.

### **c. Promoting South-South Cooperation**

MCIT holds the mandate of supporting the South-South Cooperation with African countries, with special regard to youth empowerment. In fact, Africa's median age is 18 and its youth population, as a proportion of the total, is increasing and projected to be over 50% by 2015. Youth currently account for 45% of the total labor force, and unlike other continents, Africa's population is becoming more youthful. Therefore, Africa's youth empowerment is no longer one of the options, it is the only option.

The African Youth Information and Communication Technologies for Development (ICT4D) Network – AYIN – is a pan-African and all-inclusive platform for African Youth input into the African Information Society agenda. With a vision of, "a networked generation of young Africans empowering themselves and contributing to the continent's active participation in the Information Society," the network is set to move youth inclusion to the next level, as far as the Information Society is concerned.

In the course of delivering the Plan of Action, the network will liaise with individuals, organizations, institutions, people groups and other networks in engaging sustainable and efficient mechanisms that can accelerate Africa's wholesome development through the instrumentality of Information and Communication Technologies - Africa's password to leadership in the New Economy.

The 5th flagship project being developed under AYIN on the basis of 'Harnessing Information and Knowledge for Youth Development' project of the African Regional Action Plan on the Knowledge Economy (ARAPKE), is one of the eleven flagships projects that were endorsed by the Executive Council Decision EX.CL/Ded.435, with the objective to empower young Africans. The project aims to provide them with the opportunity to develop and use their e-skills in the marketplace, serving the needs of various stakeholder groups. The Project will try to establish Incubation Funds for young entrepreneurs in the field of ICT.

This cluster of activities will focus on building, delivering and operating 3 main components in addition to their related capacities, activities, products and services, as the main building blocks with the aim of planting the seed for establishing Africa's Youth Knowledge & Innovation Society, these are:

- Regional capacity building for implementation and coordination of local knowledge and innovation capacities
- Youth Knowledge & Innovation Training programs training and courses
- African Living Labs to act as local hubs for innovative and localized R&D facilities and to help develop and deploy needs driven products and services.

## **Strengthening African ICT Training**

The capacity building of African ICT professionals has been one of the fundamental challenges facing Africa in bridging the digital divide and reaping the benefits of ICT for development and poverty reduction. During the Administrative Council of the African Telecommunication Union (ATU) session held in April 2003, this issue was identified as one of the key focus areas. Accordingly, MCIT had proposed the training programs to be conducted in Egypt for African ICT professionals on an annual basis.

The idea was conceptualized into a regional project adopted and funded by MCIT. The training programs have been the result of a collaborative effort between MCIT, ATU and the National Telecommunications Institute (NTI). According to the participants' evaluation of the program, the training reflected positively on their performance in the workplace, helping them forge relations with professionals from Africa and the MENA region.

MCIT organized the **5th bi-annual training program for African ICT professionals** in 2009 and will continue organizing this advanced training with NTI for maximizing the benefit of African countries. The two-week training program tackles a number of evolving modules tailored to meet the specific needs of the African ICT market which includes satellite communication systems, GSM System, CDMA System, Telecommunication Networks and new trends in switching technologies. The training program is a result of a collaborative effort between MCIT, ATU, and NTI which is a great model for South-South Cooperation between Egypt and African countries.

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## List of Abbreviations

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ARAPKE	African Regional Action Plan on the Knowledge Economy
ATU	African Telecommunications Union
AYIN	African Youth Information and Communication Technologies for Development (ICT4D) Network OECD Organization of Economic Cooperation and Development
CDMA	Code Division Multiple Access
GDP	Gross Domestic Product
GSM	Global System for Mobile Communications
ICCP	Communication and Computer Policy Committee
ICDL	International Computer Driving License
ICT	Information and Communication Technology
ICT4D	Information and Communication Technologies for Development
ICTPR	Information Communications Technology Policy Review
MCIT	Ministry of Communications and Information Technologies
MDG	Millennium Development Goal
MNC	Multi National Corporation
MoU	Memorandum of Understanding
NOLL	European Network of Living Labs
NTI	National Telecommunications Institute
TOT	Training of Trainers
UN	United Nations
UNDP	United Nations Development Programme
WPIP	Working Parties for Indicators Policy
WPISP	Information Security and Privacy
WPIE	Information Economy
WPCISP	Communication Infrastructure Services Policies

## Schedule of Payment

### Empowering and Connecting the Community through ICT: Egypt - Emergence of the Regional Digital Hub

Year		Amount	
		LE	\$
2011	1-Jul	8,910,000.00	1,500,000.00
	1-Oct	8,910,000.00	1,500,000.00
	1-Dec	5,940,000.00	1,000,000.00
Sub Total		23,760,000.00	4,000,000.00
2012	1-Jan	5,940,000.00	1,000,000.00
	1-Apr	5,940,000.00	1,000,000.00
	1-Jul	3,564,000.00	600,000.00
	1-Oct	3,564,000.00	600,000.00
	1-Dec	3,564,000.00	600,000.00
Sub Total		22,572,000.00	3,800,000.00
2013	1-Jan	2,970,000.00	500,000.00
	1-Apr	2,970,000.00	500,000.00
	1-Jul	2,970,000.00	500,000.00
	1-Oct	1,830,860.66	308,225.70
Sub Total		10,740,860.66	1,808,225.70
TOTAL		57,072,860.66	9,608,225.70



## Annual Work Plan

Egypt - Cairo

Award Id: 00045558

Report Date: 4/20/2011

Award Title: Empowering & Connecting the Community through ICT: Eg

Year: 2011

Project ID	Expected Outputs	Key Activities	Timeframe		Responsible Party	Planned Budget				
			Start	End		Fund	Donor	Budget Descr	Amount US\$	
00053834	Empowering & Connecting the Com	Human resources training &			EGY-Ministry Of Communication	30071	MCIT	71400	Contractual Services - Individ	380,941.01
						30071	MCIT	71600	Travel	35,000.00
						30071	MCIT	74200	Audio Visual&Print Prod Costs	180,000.00
						30071	MCIT	75100	Facilities & Administration	25,809.52
		ICT applications supported			EGY-Ministry Of Communication	30071	MCIT	71200	International Consultants	3,000.00
						30071	MCIT	71400	Contractual Services - Individ	77,095.24
						30071	MCIT	71600	Travel	98,000.00
						30071	MCIT	72100	Contractual Services-Companies	15,000.00
		Innovation enhanced			EGY-Ministry Of Communication	30071	MCIT	74500	Miscellaneous Expenses	5,000.00
						30071	MCIT	75100	Facilities & Administration	9,904.76
						30071	MCIT	71400	Contractual Services - Individ	615,567.08
						30071	MCIT	71600	Travel	170,000.00
		Knowledge sharing & manag			EGY-Ministry Of Communication	30071	MCIT	75100	Facilities & Administration	34,285.71
						30071	MCIT	71200	International Consultants	25,000.00
						30071	MCIT	71200	International Consultants	95,000.00
						30071	MCIT	71300	Local Consultants	40,000.00
Legal & regulatory enabling			EGY-Ministry Of Communication	30071	MCIT	71400	Contractual Services - Individ	66,238.09		
				30071	MCIT	71600	Travel	175,000.01		
				30071	MCIT	72100	Contractual Services-Companies	17,000.00		
				30071	MCIT	72400	Communic & Audio Visual Equip	2,000.00		
				30071	MCIT	72500	Supplies	70,000.00		
				30071	MCIT	72700	Hospitality/Catering	50,000.00		
				30071	MCIT	74200	Audio Visual&Print Prod Costs	15,000.00		
				30071	MCIT	74500	Miscellaneous Expenses	20,000.00		
Legal & regulatory enabling			EGY-Ministry Of Communication	30071	MCIT	75100	Facilities & Administration	33,761.90		
				30071	MCIT	71200	International Consultants	10,000.00		
				30071	MCIT	71300	Local Consultants	5,000.00		
				30071	MCIT	71400	Contractual Services - Individ	50,000.00		
30071	MCIT	71600	Travel	33,761.90						
30071	MCIT	72100	Contractual Services-Companies	20,000.00						



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			Start	End		Fund	Donor	Budget Descr	Amount US\$	
		Legal & regulatory enabling			EGY-Ministry Of Communication	30071	MCIT	72400	Communic & Audio Visual Equip	1,000.00
		Universal access policies & ...			EGY-Ministry Of Communication	30071	MCIT	72700	Hospitality/Catering	5,000.00
			EGY-Ministry Of Communication	30071	MCIT	75100	MCIT	Facilities & Administration	6,238.10	
			EGY-Ministry Of Communication	30071	MCIT	71200	MCIT	International Consultants	170,000.00	
			EGY-Ministry Of Communication	30071	MCIT	71300	MCIT	Local Consultants	45,147.21	
			EGY-Ministry Of Communication	30071	MCIT	71400	MCIT	Contractual Services - Individ	503,694.09	
			EGY-Ministry Of Communication	30071	MCIT	71600	MCIT	Travel	70,782.51	
			EGY-Ministry Of Communication	30071	MCIT	72100	MCIT	Contractual Services-Companies	235,000.00	
					EGY-Ministry Of Communication	30071	MCIT	Supplies	25,000.00	
					EGY-Ministry Of Communication	30071	MCIT	Hospitality/Catering	25,000.00	
					EGY-Ministry Of Communication	30071	MCIT	Miscellaneous Expenses	50,000.00	
					EGY-Ministry Of Communication	30071	MCIT	Facilities & Administration	19,571.43	
<b>TOTAL</b>										<b>3,533,798.56</b>
<b>GRAND TOTAL</b>										<b>3,533,798.56</b>



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			Start	End		Fund	Donor	Budget Descr	Amount US\$	
00053834	Empowering & Connecting the Com	Human resources training &			EGY-Ministry Of Communication	30071	MCIT	71300	Local Consultants	200,000.00
						30071	MCIT	71400	Contractual Services - Individ	512,952.38
						30071	MCIT	71600	Travel	120,000.00
						30071	MCIT	74200	Audio Visual&Print Prod Costs	100,000.00
						30071	MCIT	75100	Facilities & Administration	21,047.62
		ICT applications supported			EGY-Ministry Of Communication	30071	MCIT	71200	International Consultants	103,000.00
						30071	MCIT	71400	Contractual Services - Individ	77,095.24
						30071	MCIT	71600	Travel	98,000.00
						30071	MCIT	72100	Contractual Services-Companies	15,000.00
						30071	MCIT	74500	Miscellaneous Expenses	5,000.00
		Innovation enhanced			EGY-Ministry Of Communication	30071	MCIT	75100	Facilities & Administration	9,904.76
						30071	MCIT	71400	Contractual Services - Individ	542,682.31
						30071	MCIT	71600	Travel	170,000.00
						30071	MCIT	75100	Facilities & Administration	34,285.71
						30071	MCIT	71200	International Consultants	25,000.00
		Knowledge sharing & manag			EGY-Ministry Of Communication	30071	MCIT	71300	Local Consultants	40,000.00
						30071	MCIT	71400	Contractual Services - Individ	366,238.09
						30071	MCIT	71600	Travel	270,000.01
						30071	MCIT	72100	Contractual Services-Companies	17,000.00
						30071	MCIT	72400	Communic & Audio Visual Equip	2,000.00
Legal & regulatory enabling			EGY-Ministry Of Communication	30071	MCIT	72500	Supplies	70,000.00		
				30071	MCIT	72700	Hospitality/Catering	50,000.00		
				30071	MCIT	74200	Audio Visual&Print Prod Costs	15,000.00		
				30071	MCIT	74500	Miscellaneous Expenses	20,000.00		
				30071	MCIT	75100	Facilities & Administration	33,761.90		
			EGY-Ministry Of Communication	30071	MCIT	71200	International Consultants	10,000.00		
				30071	MCIT	71300	Local Consultants	5,000.00		
				30071	MCIT	71400	Contractual Services - Individ	150,000.00		
				30071	MCIT	71600	Travel	33,761.90		
				30071	MCIT	72100	Contractual Services-Companies	20,000.00		



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			Start	End		Fund	Donor	Budget Descr	Amount US\$	
		Legal & regulatory enabling			EGY-Ministry Of Communication	30071	MCIT	72400	Communic & Audio Visual Equip	1,000.00
		Universal access policies & ...			EGY-Ministry Of Communication	30071	MCIT	72700	Hospitality/Catering	5,000.00
			EGY-Ministry Of Communication	30071	MCIT	75100	MCIT	Facilities & Administration	6,238.10	
			EGY-Ministry Of Communication	30071	MCIT	71200	MCIT	International Consultants	159,782.51	
			EGY-Ministry Of Communication	30071	MCIT	71400	MCIT	Contractual Services - Individ	441,428.57	
			EGY-Ministry Of Communication	30071	MCIT	71600	MCIT	Travel	45,000.00	
			EGY-Ministry Of Communication	30071	MCIT	72100	MCIT	Contractual Services-Companies	5,000.00	
					EGY-Ministry Of Communication	30071	MCIT	72400	Communic & Audio Visual Equip	105,249.47
					EGY-Ministry Of Communication	30071	MCIT	72500	Supplies	25,000.00
					EGY-Ministry Of Communication	30071	MCIT	72700	Hospitality/Catering	50,000.00
					EGY-Ministry Of Communication	30071	MCIT	75100	Facilities & Administration	19,571.43
<b>TOTAL</b>										<b>4,000,000.00</b>
<b>GRAND TOTAL</b>										<b>4,000,000.00</b>



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			Start	End		Fund	Donor	Budget Descr	Amount US\$						
00053834	Empowering & Connecting the Com	Human resources training &			EGY-Ministry Of Communication	30071	MCIT	71300	Local Consultants	100,000.00					
						30071	MCIT	71400	Contractual Services - Individ	402,190.48					
						30071	MCIT	71600	Travel	115,000.00					
		ICT applications supported					EGY-Ministry Of Communication	30071	MCIT	74200	Audio Visual&Print Prod Costs	100,000.00			
								30071	MCIT	74500	Miscellaneous Expenses	10,000.00			
								30071	MCIT	75100	Facilities & Administration	35,809.52			
								30071	MCIT	71200	International Consultants	10,476.00			
								30071	MCIT	71300	Local Consultants	25,000.00			
								30071	MCIT	71400	Contractual Services - Individ	125,095.24			
								30071	MCIT	71600	Travel	105,000.00			
								30071	MCIT	72100	Contractual Services-Companie	15,000.00			
								30071	MCIT	74500	Miscellaneous Expenses	5,000.00			
								30071	MCIT	75100	Facilities & Administration	21,428.76			
								Innovation enhanced		EGY-Ministry Of Communication	30071	MCIT	71400	Contractual Services - Individ	320,714.29
											30071	MCIT	71600	Travel	70,000.00
											30071	MCIT	75100	Facilities & Administration	34,285.71
								Knowledge sharing & manag		EGY-Ministry Of Communication	30071	MCIT	71200	International Consultants	125,000.00
30071	MCIT	71300	Local Consultants	40,000.00											
30071	MCIT	71400	Contractual Services - Individ	266,238.09											
30071	MCIT	71600	Travel	270,000.01											
30071	MCIT	72100	Contractual Services-Companie	17,000.00											
30071	MCIT	72400	Communic & Audio Visual Equip	2,000.00											
30071	MCIT	72500	Supplies	170,000.00											
30071	MCIT	72700	Hospitality/Catering	50,000.00											
30071	MCIT	74200	Audio Visual&Print Prod Costs	15,000.00											
30071	MCIT	74500	Miscellaneous Expenses	20,000.00											
Legal & regulatory enabling		EGY-Ministry Of Communication	30071	MCIT	75100	Facilities & Administration	33,761.90								
			30071	MCIT	71200	International Consultants	10,000.00								
			30071	MCIT	71300	Local Consultants	5,000.00								
			30071	MCIT	71400	Contractual Services - Individ	145,000.00								



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			Start	End		Fund	Donor	Budget Descr	Amount US\$	
		Legal & regulatory enabling			EGY-Ministry Of Communication	04000	UNDP	71600	Travel	1.00
					EGY-Ministry Of Communication	30071	MCIT	71600	Travel	33,760.90
					EGY-Ministry Of Communication	30071	MCIT	72100	Contractual Services-Companies	20,000.00
					EGY-Ministry Of Communication	30071	MCIT	72400	Communic & Audio Visual Equip	1,000.00
					EGY-Ministry Of Communication	30071	MCIT	72700	Hospitality/Catering	5,000.00
					EGY-Ministry Of Communication	30071	MCIT	75100	Facilities & Administration	6,238.10
		Universal access policies &			EGY-Ministry Of Communication	30071	MCIT	71200	International Consultants	270,000.00
					EGY-Ministry Of Communication	30071	MCIT	71300	Local Consultants	255,000.00
					EGY-Ministry Of Communication	30071	MCIT	71400	Contractual Services - Individ	199,893.39
					EGY-Ministry Of Communication	30071	MCIT	71600	Travel	190,000.00
					EGY-Ministry Of Communication	30071	MCIT	72100	Contractual Services-Companies	135,000.00
					EGY-Ministry Of Communication	30071	MCIT	72400	Communic & Audio Visual Equip	5,249.47
					EGY-Ministry Of Communication	30071	MCIT	72500	Supplies	25,000.00
					EGY-Ministry Of Communication	30071	MCIT	72700	Hospitality/Catering	25,000.00
					EGY-Ministry Of Communication	30071	MCIT	74500	Miscellaneous Expenses	50,000.00
					EGY-Ministry Of Communication	30071	MCIT	75100	Facilities & Administration	19,857.14
<b>TOTAL</b>										
<b>3,905,000.00</b>										
<b>GRAND TOTAL</b>										
<b>3,905,000.00</b>										