



United Nations Development Programme

Country: Egypt

Project Title:

Supporting ITI activities - Phase II

UNDAF Outcome(s):

Outcome 1: By 2011, state's performance and accountability in programming, implementing and coordinating actions, especially those that reduce exclusion, vulnerabilities and gender disparities, are improved

Expected CP Outcome(s):

National strategies formulated, tested and implemented to facilitate increased access to information and foster use of ICT to achieve development goals

Expected Project Output(s):

1. Supporting ITI activities

Implementing Partner:

Information Technology Institute /MCIT

Responsible Parties:

Information Technology Institute and UNDP

Brief Description

The project will support the implementing partner activities, the Information Technology Institute, in providing the Egyptian Public and Private labor market with a pool of highly qualified IT professionals and entrepreneurs.

The project will support the following focus areas:

Promoting innovation and entrepreneurship across ITI and private sector

Enhancement of the employability skills of the youth and creation of new job opportunities

Enhancement of ITI international cooperation relations

Programme Period: 2007-2011, 2012-2017

Key Result Area: Poverty reduction

Atlas Award ID:

00060666

Start date:

January 1, 2011

End Date:

December 31, 2015 PAC Meeting Date: October 27, 2010

Management Arrangements: NEX

Total resources required: 2,375,000 USD

Total allocated resources: 2.375,000 USD

MCIT: 875,000 USD

ICT Trust Fund: 1,500,000 USD

In-kind Contributions: Project space, furniture, utilities.

SIGNATURE PAGE

Agreed by:	23 Dec 2010
H.E. Dr. Tarek Kamel	
Minister of Communications and Information	
Technology	
Ministry of Communications and Information	
Technology	
H.E. Ambassador Bassem Khalil Deputy Assistant Foreign Minister for International Cooperation for Development Ministry of Foreign Affairs	Date: 24/1/2014
Mr. Mounir Tabet,	Date: 14/2/2011

Country Director

UNDP

Project Document

For proposed ITI/UNDP project

Project title:

Supporting ITI activities – Phase II

Table of Contents

I.	SITUATION ANALYSIS	.5
Info	rmation Technology Institute (ITI)	.6
Tar	get beneficiaries	.7
II.	PROJECT STRATEGY	.8
Des	ecription of Project Outputs	.8
III.	RISK ANALYSIS	14
IV.	RESULTS AND RESOURCES FRAMEWORK	15
V.	MANAGEMENT ARRANGEMENTS	20
VI.	FINANCIAL ARRANGEMENTS	22
VI	I. MONITORING FRAMEWORK & EVALUATION	26
AN	INEX 1: OFFLINE RISK LOG	28
Αŀ	obreviations	.29

I. SITUATION ANALYSIS

The Government of Egypt (GoE) recognizes the Information Communication Technology (ICT) sector as a critical component of the national economy not only due to its substantial contribution to employment, exports and diversification of the economy but also for its dynamic and innovative potential. ICT plays an important role in providing enabling technologies, products and services that underpin the development of Egypt as a knowledge economy in the global market.

As the IT industry evolves, so do market needs and job requirements. The Ministry of Communications and Information Technology (MCIT) understands that the ICT industry in Egypt needs to be innovative, resourceful, skilled and business oriented to advance and become internationally competitive. Skilled individuals are fundamental in the development of the innovative and competitive capacity of local ICT companies and in carrying out world-class research and innovation activities. This requires strong human resources with technical as well as business and commercial skills. Accordingly, MCIT places a high priority on ensuring that the education sector provides graduates with the technical and business skills required by the ICT industry. The Minister of Communications and Information Technology, has recently stressed the importance of developing both human talent and ICT export services, that could bring Egypt revenues of \$1.1 billion by 2010.

In line with the MCIT strategy, Information Technology Institute (ITI) is committed in further developing the human capital in areas related to ICT by offering training programs in response to the rapid changes in the industry. In partnership with the private sector companies, ITI designs and conducts training programs tailored to the needs of individual organizations and companies that wish to expand their operations in Egypt. This has placed ITI as a vital element of the IT industry and an entity on which the private sector companies can rely on in enhancing their human resources component.

ITI has been working closely also with Government Ministries in supporting the development of the HR needed capacities. Joint programs with the Ministry of Health, Ministry of Higher Education, have witnessed the enhancement of the technical competences of staff.

Since 2005, UNDP has been supporting ITI activities in supplying the public and private Egyptian sector with highly qualified IT professionals. The last project witnessed an increase in

the employment rates of the ITI graduates of the KTP from 80% in 2007 to 93% in 2009. The enrollment of women in the ITI training programs since 2007 has been higher than the one for men.

Nonetheless, there is still need of having human assets that go with the same pace with the ever changing requirements and needs of the global markets. Another key element is the relevance that the MCIT is giving to areas such as innovation, creativity and entrepreneurship, which will be the focus areas of MCIT strategy for the period 2011-2014. These are major components for raising the added value of the Egyptian economy and creating a full knowledge society. To attain this, efforts should be made in introducing a new entrepreneurial culture and the necessary instruments to transfer the knowledge from universities and research centers to companies.

Information Technology Institute (ITI)

The Information Technology Institute (ITI) was created to build capacity through the provision of specialized training. ITI was established in 1993, prior to the establishment of MCIT in 1999, by the Cabinet's Information and Decision Support Center (IDSC). Now, affiliated to MCIT, the institute has established new branches in 6th of October City, in Cairo, Alexandria, Assiut, and Mansoura. ITI undertakes a supervisory role in the community to ensure that education offered in the ICT field is of high quality.

ITI Mission

Create, shape, nurture and empower the Egyptian IT community, by developing capacity to create job opportunities.

ITI Objectives

In cooperation with the MCIT and other national and international partners, ITI's objectives are as follows:

- Developing a new generation of professionals with distinguished knowledge and practical skills
- Bridging the gap between what students learn at university and what they need for their professional career
- Helping new graduates think not only about employment, but about preparing themselves to establish their own enterprises
- Advancing the skills and capabilities of ICT practitioners through tailored programs
- Developing online learning systems and capabilities
- Providing training in IT principles and theories to millions of people across Egypt

ITI Management

The Board of Trustees of ITI is headed by the Minister of Communications and Information Technology. The Board members include experts from the MCIT, academia and information and telecommunication companies.

Target beneficiaries

The primary beneficiaries of the project are the University graduates and undergraduates who will receive employability skills trainings in order to better cope with the local and global market needs. Consequently, the ICT industry and private companies will benefit by employing highly qualified staff, thus enhancing their competitiveness in facing market challenges. Companies will benefit also by receiving tailor-made training courses in upgrading the skills of the current employees.

The ITI staff will be trained to better respond to the training needs. Particular attention will be given to the training in the new platforms integrated in the 9-month-professional program. They will also be engaged in exchanging visits with international institutions, academic bodies etc.

Finally, the presence of 53 ITI affiliated centres and 5 branches across the country will help create a thriving IT industry. With the increased number of IT professionals across the country, IT companies will be encouraged to start up businesses in those governorates where skilled IT workforce is available. In addition, ITI graduates, with the skills they have acquired through training, will have more chances to start up their own enterprises in their home towns.

II. PROJECT STRATEGY

The project strategy focuses on the development of human resources capabilities in areas related to ICT sector to better respond to the continuously rapid economic changes, thus enhancing Egypt's reputation as a global competitor. The objectives of the project are in line with UNDP emphasis in reducing employment, hence contributing to the achievement of Millennium Development Goal (MDG) of "Eradicating extreme poverty and hunger". The projects seeks to achieve the goal of IT community development by offering training programs to IT graduate students according to the industry needs, thus facilitating their access to the job market. The project will also try to enhance human resources capabilities in IT companies by providing training programs tailored to the technical needs. Finally the project will focus also on the teaching young calibers, the importance of innovation and creativity as two basic factors in a strategy that aims for the added value of the Egyptian economy.

These dimensions can be translated in 3 main tracks which also constitute the expected Activity results of the present project:

Activity result A: Greater innovation and entrepreneurship across ITI and private sector is promoted

Activity result B: Employability skills of Egyptian youth are enhanced and job opportunities created

Activity result C: ITI international cooperation is enhanced

Description of Activity Results

Activity Result A

Greater innovation and entrepreneurship across ITI and private sector is promoted

For a country that has set itself the goal of achieving a full knowledge society, elements such as research, development, innovation and entrepreneurship are fundamental. It is within this framework that MCIT drew up the Research and Innovation Strategic Plan 2007-2010, which provides the basis for a solid research, development and innovation system capable of fostering

new initiatives and position Egypt in the medium term in the avant-garde of the ICT sector both regionally and globally.

The activities under this output outline the leading efforts of ITI in the establishment of a Cloud Computing Center of Excellence (EC³), thus placing 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. The Centre of Excellence (CoE) will be established in Assiut University and will be a Public Private Partnership among ITI, Academia and Industry. The CoE will extend the involvement of Egypt in Research and Development in Cloud Based Services and Applications (e.g. e-Learning, Web development, Business Process (BP) Management, content management, business intelligence, Bioinformatics, e-management services and Computer Aided Drug Discovery and Design applications); Cloud Technologies (e.g. virtualization techniques, high speed communications management and processor optimization); Cloud Operations and Management (e.g. business models, design and operations standards, energy optimization and billing systems).

EC³ is the first national initiative on cloud computing in Egypt and it will provide the resources for scientific and research projects to explore and utilize the advantages offered by cloud computing. It will also provide the resources for the technological incubators, thus creating opportunities for SMEs to benefit from cloud computing.

In addition, in line with the MCIT strategy 2011-2014 and its focus on innovation, creativity and entrepreneurship, ITI is exerting by integrating Innovation Management and Entrepreneurship as extra-courses into the 9-Month-Professional Program. Topics such as Innovation Management, entrepreneurship, organization behavior and leadership, Management in international business, financial engineering, Enterprise Resource Planning Systems etc. will be developed and taught to the ITI students undertaking this course.

ITI appreciates the fact that Egypt is in need of world-class IT professionals who are able to compete in global markets, therefore the Institute will continue to offer up-to-date IT training programs to Private Companies tailored to market needs. These trainings will target IT managers and professionals who wish to upgrade their technical or personal knowledge.

Lastly the training capacities of the ITI staff will be developed to match with the upgraded platforms of the Training Programs offered by ITI.

Actions:

A1: A Centre of Excellence in Cloud Computing is established in Upper Egypt

- Carry out rehabilitation works necessary for the establishment of the Egypt's EC³
- Build the Cloud and the related IT infrastructure.
- Train the staff of the EC³in Cloud Computing management related issues.
- Collaborate with other international research clouds through joint programmes, joint research papers in cloud related topics (i.e cloud security, management, performance, standards).

A2: New platforms on Innovation Management and Entrepreneurship are integrated into the 9-Month-Professional Program curricula.

- Develop Innovation Management and Entrepreneurship component to be incorporated into the 9-Month-Professional Program Curriculum.
- Integrate courses on innovation and entrepreneurship specialization developed by foreign partner universities.
- Develop courses and new hands-on-training for ITI students to acquire necessary skills to become entrepreneurs.
- Involve national and multinational companies in the development of training curricula of the 9-Month-Professional Program on innovation and entrepreneurship related issues.
- Complete the validation process of the ITI 9-Month-Professional Program with foreign partner universities.

A3: The capacity of ITI staff in introducing new technologies is strengthened

- Provide internship opportunities for ITI staff in other countries on the requested new technologies.
- Provide post graduate education opportunities to ITI staff.
- Develop ITI staff capacity in project management related to new and emerging technologies.
- Encourage the participation of ITI staff in joint projects with ITI partners from the Academia and the Industry.
- Develop ITI staff capacity in establishing a network of excellence in the field of innovation and strengthen R&D capacity.
- Strengthen the ITI staff capacity in e-learning platform, in content design and development strategies and methodologies.

A4: Private sector employees' skills are further developed

- Provide state-of-the-art training programs to employees from private sector.
- Provide professional services through Java Education Technology Services (JETS). Deliverables

- Training Professional Program modules
- State-of-the-art training modules for private sector employees

Expected results:

New technologies are piloted in Egypt

ITI staff capacity in mastering the newly introduced technologies is strengthened

Training modules for ITI students are upgraded.

Activity Result B

Employability skills of Egyptian youth are enhanced and job opportunities created

With an attractive geographical position and numerous logistical incentives, Egypt has attracted many ICT companies to invest or expand their operations. However, for the nation to be a regional IT hub there is need of a large pool of suitably trained professionals.

This output looks at the enhancement of the employability skills of University fresh graduates and undergraduates. Skills development programs such as the 9-Month-Professional Program Initiative will seek to enhance the IT skills of university graduates, while EduEgypt Initiative will focus on the development of undergraduates' soft skills. Given the increasing demand from the private sector of recruiting young IT professionals with practical, hands-on experience of different IT concepts, this output will look also at creating job opportunities for the fresh graduates. These will be arranged through job fairs whereby private companies will be invited to attend and will be directly put in contact with the ITI graduates. New partnerships with the private sector will be established, hence paving the way for internship opportunities to the ITI graduates followed by the eventual recruitment of the same in the company.

Special attention will be given to the enrollment of women to the training courses.

Actions:

B1: Training programs upgraded according to market needs are delivered to undergraduate and graduates students

- Deliver various training to University undergraduates on soft skills, language abilities and technical competence

- Provide training on BPO (Business Process Outsourcing) and ITO (Information Technology Outsourcing)
- Provide upgraded platforms of the 9-month-professional program to ITI graduates

B2: New training programs and employment opportunities created through partnerships with private sector

- Finalize and implement MoU and Protocol Agreements with Private Sector Companies aiming at offering on-the-job training for ITI graduate students
- Implement agreed upon Action Plans aiming at hiring a quota of the ITI graduates
- Organise a job fair for ITI students

B3: New educational opportunities created through partnerships with international academic bodies

- Agree on a graduate program with Foreign Universities in other countries via distance learning for ITI graduates of the 9-month professional program
- Provide ITI graduates and staff, graduate study opportunities in Foreign Universities that signed a Protocol Agreement with ITI

Deliverables

- Training programs modules to graduates and undergraduates students
- MoU and Protocol of Agreements with Private Sector Companies
- Action plan with Private sector Companies

Expected results:

Increased number of ITI students that complete successfully the specialized IT trainings (measured by the number of ITI students enrolled. Disaggregated data between men and women)

Increased access of youth to the job market (measured by the number of ITI graduates employed)

Activity Result C:

ITI international cooperation is enhanced

International Cooperation plays a significant role in triggering and catalyzing mutual cooperation with external stakeholders on the national, regional and international levels. This output will look at enhancing ITI cooperation with numerous partners at the regional and international level via a broad range of initiatives. The activities under this output outline the leading efforts of ITI in organizing the International Conference on ICT in Cairo. The event will

be organized in cooperation with the Institute of Electrical and Electronic Engineers (IEEE) with the objective of exchanging and sharing knowledge among Egyptian and international experts and professionals from organizations, institutes and universities. The event will attract ICT professionals from industry and commercial organizations as well as the research and academic environments. It will include numerous academic and research sessions, tutorials, in addition to technology and business exhibitions.

In addition, this output will aim at increasing the exposure of ITI staff in relevant regional and international fora, meetings, staff exchange with international partners.

Lastly, regional cooperation will be further strengthened by offering tailor-made training programs to regional counterparts.

Actions:

C1: ITI activities are promoted through a communication strategy

 Develop a communication strategy to promote ITI activities at the national and international level.

C2: ITI international and South-South cooperation activities implemented

- Organize the International Conference on ICT in Cairo
- Support the participation of ITI in the relevant regional and international fora
- Organize ITI staff exchange with its foreign partners with the aim of acquiring knowledge
- Offer financial support for internships and trainings opportunities to qualified ITI staff and students in ITI priority areas
- Create further foreign academic paths
- Deliver tailored training programmes to regional counterparts.

Deliverables

- Communication strategy document
- Tailored training programs modules for regional counterparts

Expected results:

ITI activities further promoted across Public and Private sector

ITI international and regional Cooperation strategy is strengthened (measured by the number of events held)

III. RISK ANALYSIS

The following have been identified as key risk factors for the project to achieve the expected results:

 The ITI staff do not adapt and absorb the newly introduced platforms in the training programs.

To reduce this risk, the project will engage in training and knowledge sharing events for the staff

2. The project does not reach IT private sector companies.

To reduce this risk, a communication strategy will be developed aiming at raising awareness among public and private entities. In addition, efforts will be made to extend partnerships with new private sector companies. They will be involved at all stages of the project (from the development of the training curricula, to the creation of training and employment opportunities for ITI graduates).

IV. RESULTS AND RESOURCES FRAMEWORK

Intended Outcome as stated in the Country Programme Results Action Plan (CPAP) and Resource Framework (CPAP):

National strategies formulated, tested and implemented to facilitate increased access to information and foster the use of ICT to achieve development goals

Outcome indicators as stated in the Country Programme Action Plan (CPAP) Results and Resources Framework, including baseline and targets:

Outcome indicators:

b) Number of pilot ICT projects/initiatives implemented

Indicator: Increased nr. of people employed in the ICT sector

Baseline: Number of people employed in the ICT sector in 2009 is 181,734

Target: At least 10% increase of the number of people employed in the ICT sector is expected by 2015

Indicator: Increased nr. of ICT companies

Baseline: Number of ICT companies in 2009 is 3470

Target: 12% increase of number of ICT companies by the end of the project.

Applicable Strategic Plan Focus Area: Poverty Reduction

internationally agreed frameworks such as the Millennium Declaration, the MDGs, and the International Development Goals. UNDP's core services focus on three main areas: UNDP work on poverty reduction is built around the provision of more effective support to countries to design and implement policies and programmes that can contribute to economic growth and national capacity development, and to the reduction of various forms of inequality. UNDP's work on poverty reduction is governed by several Strategies and Policies for Poverty Reduction, Inclusive Globalization, and Support for MDG-Aligned National Development Strategies.

Partnership Strategy:

UNDP will partner with ITI to the Information Technology Institute, with the aim of providing the Egyptian Public and Private sector with highly qualified IT professionals and entrepreneurs.

Project title and ID (ATLAS Award ID): Atlas Award ID:

S		00:				
INPUTS		USD 1,500,000.00				
RESPONSIBLE	CANTIES	ΙΉ	a a			
INDICATIVE ACTIVITIES		Action A1 A Centre of Excellence in Cloud Computing is established in Upper Egypt	 Carry out rehabilitation works necessary for the establishment of the Egypt's Cloud Computing Centre of Excellence (EC³) Build the Cloud and the related IT infrastructure. Train the EC³ staff in Cloud Computing management 	 Collaborate with other international research clouds through joint programmes, joint research papers in cloud related topics (i.e cloud security, management, performance). Action A2 	Entrepreneurship at Profession Management at the Management at th	Entrepreneurship component to be incorporated into the 9-Month-Professional Program Curriculum - Integrate courses on innovation and entrepreneurship specialization developed by foreign partner universities - Identify and involve national and multinational companies in the development of training curricula on innovation and entrepreneurship related issues - Develop courses and new hands-on-training for ITI students to acquire necessary skills
OUTPUT TARGETS FOR	(TEARS)	By the end of Year I, EC ³ is established and operational. By the end of the project, at	least 2 training platforms on Innovation Management and Entrepreneurship are developed. By the end of Year II, 1st set of	basic applications are stored in the Cloud By the end of the project, at least 100 ITI staff members receive training on new	technologies. By the end of the project, at least 90 state-of-the-art training programs are delivered	By the end of the project, at least 100 professional services through JETS are delivered
INTENDED OUTPUTS		Activity Result A1 Greater innovation and entrepreneurship across ITI and	private sector is promoted Indicators: Establishment of a Centre of Excellence in Cloud Computing (EC³) in Upper Egypt.	EC ³ staff understands and masters the management procedures of cloud computing (measured by training evaluation assessments)	New training platforms on Innovation and Entrepreneurship integrated in the training curricula (measured by training curricula developed) Number of state-of-the-art training	programs delivered to private sector companies Number of professional services through Java Education Technology Services (JETS)

The capacity of ITI staff in introducing new technologies is strengthened	partner universities.
- Provide internship and opportunities for ITI staff of technologies abroad - Provide post graduate education opportunities to ITI staff - Deliver training on new and emerging technologies Action A4 - Private sector employees sk further developed - Provide state-of-the-art training proemployees from private sector - Provide professional services through Education Technology Services (JE Education Technology Services (JE)	Action A3 The capacity of ITI staff in introducing new technologies is strengthened
- Ac	- Provide internship and opportunities for ITI staff o
raining in Cloud fur	
further developed - Provide state-of-the-art training programs to employees from private sector - Provide professional services through Java Education Technology Services (JETS).	o cector employees skills
 Provide state-of-the-art training programs to employees from private sector Provide professional services through Java Education Technology Services (JETS). 	ampoles same
	 Provide state-of-the-art training programs to employees from private sector Provide professional services through Java Education Technology Services (JETS).

Activity Result B				
Employability skills of Egyptian	By the end of Year V, at least	Action B1 Trainings upgraded according to	ITI	USD 566,005.00
youth are enhanced and job opportunities created	2450 111 graduate students and 30 000 undergraduates have	market needs are delivered to undergraduate and graduates students		
	successfully completed ITI	D		
	trainings (disaggregated data).			
Indicators:	By the end of year V, at least	undergraduates on soft skills, language		
Number of students successfully	90% of ITI graduates have	g on BPO (Bu		
completing specialized ITI trainings	accessed the job market	Outsourcing) and ITO (Information		
	(disaggregated data)	Technology Outsourcing) Deliver ungraded platforms of the 0-month-		
Increased access of youth to job	By the end of year V, at least			
ITI graduates employed)	50 graduate ITI students will	Action B2		
	innovation between ITI and	New training and employment		
	Foreign Universities.	opportunities created through partnerships		
Baseline:	2	- Finalize and implement MoU and Protocol		
Number of neonle employed in the		aiming at offering on-the-iob training for		
ICT sector in 2009 is 181,734.		ITI graduate students		
		agreed		
A study assessing the trends of ITI		aiming at hiring a quota of the III		
students accessing the job market in		graduates. Organise a job fair for ITI students		
the last years will be carried out as				
part of activities.		Action B3		
	u kan	v educational opportu		
		though partnerships with international academic bodies		
		- Agree on a graduate program with Foreign		
		January for anothers of ITI 0-month		
		- Provide ITI graduates and staff, graduate		
		study opportunities in Foreign Universities		
		ulat signed a riotocol Agreement with til		

	USD 308,995.00		USD 2,375,000
	ITI		
	ITI activities are promoted through a communication strategy Develop a communication strategy to promote ITI activities at the national and international level.	ITI international and South- South cooperation activities implemented Organize the International Conference on ICT in Cairo Support the participation of ITI in the relevant regional and international fora Organize ITI staff exchange with its foreign partners with the aim of acquiring knowledge Offer financial support for internships and trainings opportunities to qualified ITI staff and students in priority areas Create further foreign academic paths Deliver tailored training programmes to regional counterparts.	6
	Communication strategy developed International Conference organized	By the end of Year V, at least 2 new academic paths established with foreign partner Universities By the end of the project, 5 training programs are offered at regional partners institutions By the end of the project at least 10 study visits and 10 workshops are delivered	
Activity Result C	ITI activities are promoted and international cooperation is enhanced	Indicators: ITI activities are effectively promoted among Public, Private entities (nr of entities entering in partnerships with ITI, nr. of entities receiving services from ITI, nr. of new students enrolled) ITI International Cooperation strategy is strengthened (measured by number of events held and number of international partners involved) Baseline: No communication strategy developed ITI already engaged in a number of regional and International Relations Cooperation and knowledge exchange activities with different countries	Total

V. MANAGEMENT ARRANGEMENTS

The project will be implemented by the Institute of Information Technology (ITI) and is planned to run for 5 years commencing October 2010 and ending October 2015. ITI will provide office space for the project, clearly marked with the UNDP logo and equipped with the necessary furniture and equipment. However, any replacement of furniture and equipment will be done by the project as part of the project execution.

The project will operate in accordance with UNDP regulations, including those for procurement and accounting. The National Project Manager selection will be in accordance with UNDP's principles of transparency and openness, giving full and equal opportunities to all candidates. Selection should be made on a competitive basis with paramount consideration to efficiency, competence and integrity. Selection should also be made by consensus between the Government and UNDP and at least one UNDP staff member should be present on the interview panel. The TORs for all staff should clearly identify the outputs, remuneration and evaluation process and should be agreed upon by both ITI and UNDP. There will be annual assessment of the performance of the Project Manager, against criteria specified at the commencement of his/her contract.

Project Board

A project board will be established to take executive management decisions and to provide guidance to the Project Manager, including approval of project revisions and of the project's annual work plan. The project board will provide overall guidance and policy direction to review progress, discuss and amend work plans according to the evolving needs. Project assurance reviews by this group are conducted at designated decision points during the running of a project, or as necessary when raised by the Project Manager. The group will meet periodically and will be composed of three main roles: senior beneficiaries, the executive, and the senior suppliers. Meetings will be documented and the minutes of the meeting will be circulated prior to the next meeting where they will be approved during the next meeting or corrected and the agreed minutes will be included in the records of the project activities.

Project Assurance

The Project Assurance role will support the project by carrying out objective and independent project oversight and monitoring functions. This role of the Project Assurance ensures appropriate project management milestones are managed and completed. UNDP is responsible for designating a Programme Officer to provide this oversight, which is mandatory for all projects.

Project Staff (Project Management Unit - PMU)

The Project will have, at a minimum the following full time staff:

- Project Manager: She/he will be responsible for the overall management and day-to-day operations and will develop and update project work plans, and report progress to be submitted to UNDP. She/he will be responsible for following up the progress of the project, identifying bottlenecks and suggesting corrective measures when necessary. She/he will also be coordinating, networking and soliciting the participation of all concerned parties.
- Financial Manager who will follow up on all financial aspects of the project in accordance with UNDP procedures and regulations

VI. FINANCIAL ARRANGEMENTS

The project will be funded by MCIT and ICT Trust Fund (see table in page 27)

The value of the payment, if made in a currency other than United States dollars, shall be determined by applying the United Nations operational rate of exchange in effect on the date of payment. Should there be a change in the United Nations operational rate of exchange prior to the full utilization by the UNDP of the payment, the value of the balance of funds still held at that time will be adjusted accordingly. If, in such a case, a loss in the value of the balance of funds is recorded, UNDP shall inform the Government with a view to determining whether any further financing could be provided by the Government. Should such further financing not be available, the assistance to be provided to the project may be reduced, suspended or terminated by UNDP.

The schedule of payments takes into account the requirement that the payments shall be made in advance of the implementation of planned activities. It may be amended to be consistent with the progress of project delivery.

UNDP shall receive and administer the payment in accordance with the regulations, rules and directives of UNDP.

All financial accounts and statements shall be expressed in United States dollars.

If unforeseen increases in expenditures or commitments are expected or realized (whether owing to inflationary factors, fluctuation in exchange rates or unforeseen contingencies), UNDP shall submit to the government on a timely basis a supplementary estimate showing the further financing that will be necessary. The Government shall use its best endeavors to obtain the additional funds required.

If the payments referred above are not received in accordance with the payment schedule, or if the additional financing required in accordance with paragraph []above is not forthcoming from the Government or other sources, the assistance to be provided to the project under this Agreement may be reduced, suspended or terminated by UNDP.

Any interest income attributable to the contribution shall be credited to UNDP Account and shall be utilized in accordance with established UNDP procedures.

In accordance with the decisions and directives of UNDP's Executive Board:

The contribution from MCIT shall be charged:

- (a) [3 percent] of the top cost recovery for the provision of general management support (GMS) o by UNDP headquarters and country offices
- (b) [2 percent]Direct cost for implementation support services (ISS) provided by UNDP and/or an executing entity/implementing partner.

The contribution from ICT-TF shall be charged:

- (a) [7 percent] of the top cost recovery for the provision of general management support (GMS) by UNDP headquarters and country offices
- (b) [2 percent] direct cost for implementation support services (ISS) provided by UNDP and/or an executing entity/implementing partner.

Ownership of equipment, supplies and other properties financed from the contribution shall vest in UNDP. Matters relating to the transfer of ownership by UNDP shall be determined in accordance with the relevant policies and procedures of UNDP.

Audit Arrangements:

The overarching objective of the audit exercise is to provide UNDP with assurance as to whether the resources are being properly used. The UNDP Financial Regulations and Rules include the requirement that each UNDP programme activity is audited "at least once in its lifetime". UNDP programme activities carried out by executing entities, or under the harmonized operational modalities, implementing partners, other than organizations within the United Nations system, are to be audited annually based on the results of applying the risk based methodology. Country offices are ranked by risk category and the risk ranking determines the threshold of expenditure for projects to be audited in a given year.

Random audit exercises will be conducted to ensure project's compliance with NEX rules and regulations. It is worth noting that audit exercise accounted for in the Project budget.

Random audit exercises will be conducted to ensure project's compliance with NEX rules and regulations. It is worth noting that audit exercise accounted for in the Project budget.

Schedule of Payment

		Amo	unt
Year	Month	LE	\$
2010- 2011	01-Jan	1,000,000	173,611
SubTotal		1,000,000	173,611
2011- 2012	01-Jan	1,000,000	173,611
SubTotal		1,000,000	173,611
2012-2013	01-Jan	1,000,000	173,611
Subtotal		1,000,000	173,611
2013-2014	01-Jan	1,000,000	173,611
SubTotal		1,000,000	173,611
2014-2015	01-Jan	1,000,000	173,611
SubTotal		1,000,000	173,611
TOTAL		5,000,000	868,056

Calculated at the exchange rate of December 2010: 5.76

Legal Context

This document together with the CPAP signed by the Government and UNDP which is incorporated by reference constitute together a Project Document as referred to in the SBAA [or other appropriate governing agreement] and all CPAP provisions apply to this document.

Consistent with the Article III of the Standard Basic Assistance Agreement, the responsibility for the safety and security of the implementing partner and its personnel and property, and of UNDP's property in the implementing partner's custody, rests with the implementing partner.

The implementing partner shall:

- a) put in place an appropriate security plan and maintain the security plan, taking into account the security situation in the country where the project is being carried;
- b) Assume all risks and liabilities related to the implementing partner's security, and the full implementation of the security plan.

UNDP reserves the right to verify whether such a plan is in place, and to suggest modifications to the plan when necessary. Failure to maintain and implement an appropriate security plan as required hereunder shall be deemed a breach of this agreement.

The implementing partner agrees to undertake all reasonable efforts to ensure that none of the UNDP funds received pursuant to the Project Document are used to provide support to individuals or entities associated with terrorism and that the recipients of any amounts provided by UNDP hereunder do not appear on the list maintained by the Security Council Committee established pursuant to resolution 1267 (1999). The list can be accessed via http://www.un.org/Docs/sc/committees/1267/1267ListEng.htm. This provision must be included in all sub-contracts or sub-agreements entered into under this Project Document".

VII. MONITORING FRAMEWORK & EVALUATION

In accordance with the programming policies and procedures outlined in the UNDP User Guide, the project will be monitored through the following:

Within the annual cycle

- On a quarterly basis, a quality assessment shall record progress towards the completion
 of key results, based on quality criteria and methods captured in UNDP Quality
 Management tables (to be completed following the signing of the project document).
- An Issue Log shall be activated in Atlas and updated by the Project Manager to facilitate tracking and resolution of potential problems or requests for change.
- Based on the initial risk analysis, a risk log shall be activated in Atlas and regularly updated by reviewing the external environment that may affect the project implementation.
- Based on the above information recorded in Atlas, a Quarterly Progress Reports (QPR) shall be submitted by the Project Manager to the Project Board through Project Assurance, using the standard report format available in the Executive Snapshot.
- A project Lesson-learned log shall be activated and regularly updated to ensure on-going learning and adaptation within the organization, and to facilitate the preparation of the Lessons-learned Report at the end of the project
- A Monitoring Schedule Plan shall be activated in Atlas and updated to track key management actions/events

Annually

- An <u>Annual Review Report</u> shall be prepared by the Project Manager and shared with the
 Project Board. As minimum requirement, the Annual Review Report shall consist of the
 Atlas standard format for the QPR covering the whole year with updated information for
 each above element of the QPR as well as a summary of results achieved against predefined annual targets at the output level.
- Based on the above report, an <u>annual project review</u> shall be conducted during the fourth quarter of the year or soon after, to assess the performance of the project and appraise the

Annual Work Plan (AWP) for the following year. In the last year, this review will be a final assessment. This review is driven by the Project Board and may involve other stakeholders as required. It shall focus on the extent to which progress is being made towards outputs, and that these remain aligned to appropriate outcomes.

A <u>Final Project Review</u> shall be conducted during the fourth quarter of the last year of the
project by the Project Board as basis for assessing performance, contribution to related
outcomes, and determining lessons for broader application. Using the final Project Review
Report, the Lessons Learned Report and other documentation as appropriate, the Project
Board should assess in this meeting the performance and success of the project, and its
contribution to related outcomes.

Project Evaluation:

A final project evaluation will be conducted in Quarter 3 of last year to highlight the project achievements, record lessons learnt and to draft recommendations regarding the sustainability of the project.

Monitoring and Evaluation Resources:

Appropriate financial resources are allocated to ensure that project monitoring and evaluation is carried out.

1ST ANNEX: OFFLINE RISK LOG

Name of the last		T
Status	Newly identified	Newly identified
Last Update	Newly identified	Newly identified
Submitted, updated by		
Owner	UNDP-	UNDP-ITI
Countermeasures / Management response	To reduce this risk, the project will engage in training and knowledge sharing events for the staff	To reduce this risk, a communication strategy will be developed and implemented that would try to reach and involve public and private entities. In addition, partnerships with the private sector, will be extended to new companies. Private sector companies will be involved at all stages of the project (from the development of the training curricula, to the creation of training and employment opportunities for ITI graduates).
Impact & probability	This risk is likely and impact is high	The risk is likely and impact is high
Туре	Operational	Operational
Date Identified	October 2010	October 2010
Description	The ITI staff do not adapt and absorb the newly introduced platforms in the training programs	The project does not reach IT private sector companies.
#	н	2

Abbreviations

AWP Annual Work Plan

BP Business Process

BPO Business Process Outsourcing

CoE Centre of Excellence

CP Country Programme

CPAP Country Programme Action Plan

GMS General Management Support

GoE Government of Egypt

HR Human Resources

ICT Information and Communication Technologies

IDSC Information and Decision Support Center

IEEE Institute of Electrical and Electronic Engineers

ISS Implementation Support Services

ITI Information Technology Institute

ITO Information Technology Outsourcing

MCIT Ministry of Communications and Information Technology

MDG Millennium Development Goals

MOFA Ministry of Foreign Affairs

MoU Memorandum of Understanding

NEX National Execution

PMU Project Management Unit

PPP Public Private Partnership

QPR Quarterly Progress Reports

QWP Quarterly Work plan

SBAA Standard Basic Assistance Agreement

TOR Terms of Reference

UN United Nations

UNDAF United Nations Development Framework

UNDP United Nations Development Programme



Egypt - Cairo

Report Date: 12/12/2010

Award Id: 00060666

Award Title: Supporting ITI Activities- Phase II

moddan on a san

2011

Year:

10,000.00 5,000.00 5,892.16 3,000.00 8,000.00 1,396.06 21,000.00 164,825.00 29,896.12 13,500.00 8,977.84 35,500.00 4,000.00 5,729.14 13,500.00 13,250.00 6,000.00 3,390.43 492,011.00 9,191.74 19,345.94 2,359.06 19,000.00 492,011.00 Amount US\$ 75100 Facilities & Administration Facilities & Administration 75100 Facilities & Administration 74500 Miscellaneous Expenses 72200 Equipment and Furniture 74500 Miscellaneous Expenses 71200 International Consultants 72200 Equipment and Furniture 71200 International Consultants International Consultants 74500 Miscellaneous Expenses 73500 Reimbursement Costs 73500 Reimbursement Costs 73500 Reimbursement Costs 72300 Materials & Goods 71300 Local Consultants 71300 Local Consultants **Budget Descr** Planned Budget Contractual 72100 Contractual 72100 Contractual 72500 Supplies Supplies Travel Travel Iravel 72500 71600 75100 72100 71600 71600 71200 **EGYPT ICT** EGYPT ICT Donor MCIT MCIT MCIT MCIT MCIT MCIT MCIT MCIT MCT MCIT MCIT MCIT MCIT MCIT 40000 40000 40000 40000 40000 40000 40000 30071 30071 30071 30071 30071 30071 30071 30071 Fund 40000 40000 40000 30071 30071 30071 30071 30071 30071 30071 Information Technology Instit. Information Technology Instit Information Technology Instit Responsible Party End Timeframe Start Greater Innovation (TF) Employability skills of ITI international Key Activities GRAND TOTAL TOTAL Supporting ITI activities- pha Project ID Expected Outputs 00076490



Egypt - Cairo

Report Date: 12/12/2010

Award Id: 00060666

Award Title: Supporting ITI Activities- Phase II

Year: 2012

Project ID Expected Outputs	Key Activities	Timeframe	ame	Responsible Party			=	Planned Budget	
		Start	End		Fund	Donor		Budget Descr	Amount US\$
00076490 Supporting ITI activities- pha	Employability skills of			Information Technology Instit.	30071	MCIT	71200	International Consultants	11,919.38
				Information Technology Instit.	30071	MCIT	71300	Local Consultants	00'000'09
				Information Technology Instit.	30071	MCIT	71600	Travel	20,793.00
				Information Technology Instit.	30071	MCIT	72100	Contractual	19,000.00
				Information Technology Instit.	30071	MCIT	73500	Reimbursement Costs	2,138.10
		2022		Information Technology Instit.	30071	MCIT	74500	Miscellaneous Expenses	5,000.00
				Information Technology Instit.	30071	MCIT	75100	Facilities & Administration	5,192.52
	Greater Innovation (TF)			Information Technology Instit.	40000	EGYPT ICT	71200	International Consultants	22,962.93
				Information Technology Instit.	40000	EGYPT ICT	71300	Local Consultants	151,819.25
		Min 12		Information Technology Instit.	40000	EGYPT ICT	71600	Travel	41,507.25
				Information Technology Instit.	40000	EGYPT ICT	72100	Contractual	13,500.00
				Information Technology Instit.	40000	EGYPT ICT	72200	Equipment and Furniture	13,500.00
				Information Technology Instit.	40000	EGYPT ICT	72300	Materials & Goods	13,250.00
		10000		Information Technology Instit.	40000	EGYPT ICT	72500	Supplies	10,000.00
				Information Technology Instit.	40000	EGYPT ICT	73500	Reimbursement Costs	5,862.75
				Information Technology Instit.	40000	EGYPT ICT	74500	Miscellaneous Expenses	10,000.00
				Information Technology Instit.	40000	EGYPT ICT	75100	Facilities & Administration	19,560.75
	ITI international			Information Technology Instit.	30071	MCIT	71300	Local Consultants	8,000.00
				Information Technology Instit.	30071	MCIT	71600	Travel	5,000.00
				Information Technology Instit.	30071	MCIT	72100	Contractual	10,000.00
			il-ili	Information Technology Instit.	30071	MCIT	72200	Equipment and Furniture	3,000,00
				Information Technology Instit.	30071	MCIT	72500	Supplies	4,000.00
				Information Technology Instit.	30071	MCIT	73500	Reimbursement Costs	798.02
	200000			Information Technology Instit.	30071	MCIT	74500	Miscellaneous Expenses	5,000.00
				Information Technology Instit.	30071	MCIT	75100	Facilities & Administration	1,938.05
TOTAL									463,742.00
GRAND TOTAL	Į.								463,742.00

Page 3 of 6



Egypt - Cairo

Report Date: 12/12/2010

Award Id: 00060666

Award Title: Supporting ITI Activities- Phase II

Year:

2013

Project ID Expected Outputs	Key Activities	Timeframe	ame	Responsible Party			ä	Planned Budget	
		Start	End		Fund	Donor		Budget Descr	Amount US\$
00076490 Supporting ITI activities- pha	Employability skills of			Information Technology Instit.	30071	MCIT	71200	International Consultants	7,050.00
				Information Technology Instit.	30071	MCIT	71600	Travel	66,162.61
				Information Technology Instit.	30071	MCIT	72100	Contractual	20,000.00
				Information Technology Instit.	30071	MCIT	73500	Reimbursement Costs	2,358.82
				Information Technology Instit.	30071	MCIT	74500	Miscellaneous Expenses	19,000.00
77				Information Technology Instit.	30071	MCIT	75100	Facilities & Administration	5,728.57
	Greater Innovation (TF)			Information Technology Instit.	40000	EGYPT ICT	71200	International Consultants	21,000.00
				Information Technology Instit.	40000	EGYPT ICT	71300	Local Consultants	150,241.48
				Information Technology Instit.	40000	EGYPT ICT	71600	Travel	43,000.00
				Information Technology Instit.	40000	EGYPT ICT	72100	Contractual	13,500.00
				Information Technology Instit.	40000	EGYPT ICT	72200	Equipment and Furniture	13,500.00
				Information Technology Instit.	40000	EGYPT ICT	72300	Materials & Goods	13,250.00
				Information Technology Instit.	40000	EGYPT ICT	72500	Supplies	10,000.00
				Information Technology Instit.	40000	EGYPT ICT	73500	Reimbursement Costs	5,882.35
				Information Technology Instit.	40000	EGYPT ICT	74500	Miscellaneous Expenses	10,000.00
				Information Technology Instit.	40000	EGYPT ICT	75100	Facilities & Administration	19,626.17
	ITI international			Information Technology Instit.	30071	MCIT	71200	International Consultants	8,999.00
				Information Technology Instit.	30071	MCIT	71300	Local Consultants	5,000.00
				Information Technology Instit.	30071	MCIT	71600	Travel	23,224.43
				Information Technology Instit.	30071	MCIT	72100	Contractual	3,000.00
				Information Technology Instit.	30071	MCIT	72200	Equipment and Furniture	2,000.00
				Information Technology Instit.	30071	MCIT	72500	Supplies	2,000.00
				Information Technology Instit.	30071	MCIT	73500	Reimbursement Costs	1,013.71
				Information Technology Instit.	30071	MCIT	74500	Miscellaneous Expenses	4,000.00
				Information Technology Instit.	30071	MCIT	75100	Facilities & Administration	2,461.86
TOTAL									471,999.00
GRAND TOTAL									471,999.00



Egypt - Cairo

Report Date: 12/12/2010

Award Id: 00060666

Award Title: Supporting ITI Activities- Phase II

2014 Year:

Project ID Expected Outputs	Key Activities	Timeframe	ame	Responsible Party			ਜ਼ੌ	Planned Budget	
		Start	End		Fund	Donor		Budget Descr	Amount US\$
00076490 Supporting ITI activities- pha	Employability skills of			Information Technology Instit.	30071	MCIT	71200	International Consultants	7,000.00
				Information Technology Instit.	30071	MCIT	71600	Travel	71,007.03
				Information Technology Instit.	30071	MCIT	72100	Contractual	10,000.00
				Information Technology Instit.	30071	MCIT	72300	Materials & Goods	20,000.00
				Information Technology Instit.	30071	MCIT	73500	Reimbursement Costs	2,652.94
- 76				Information Technology Instit.	30071	MCIT	74500	Miscellaneous Expenses	19,000.00
				Information Technology Instit.	30071	MCIT	75100	Facilities & Administration	6,442.86
	Greater Innovation (TF)			Information Technology Instit.	40000	EGYPT ICT	71200	International Consultants	21,000.00
				Information Technology Instit.	40000	EGYPT ICT	71300	Local Consultants	164,825.00
				Information Technology Instit.	40000	EGYPT ICT	71600	Travel	28,416.65
				Information Technology Instit.	40000	EGYPT ICT	72100	Contractual	13,500.00
				Information Technology Instit.	40000	EGYPT ICT	72200	Equipment and Furniture	13,500.00
				Information Technology Instit.	40000	EGYPTICT	72300	Materials & Goods	13,250.00
				Information Technology Instit.	40000	EGYPT ICT	72500	Supplies	10,000.00
				Information Technology Instit.	40000	EGYPT ICT	73500	Reimbursement Costs	5,882.35
				Information Technology Instit.	40000	EGYPT ICT	74500	Miscellaneous Expenses	10,000.00
				Information Technology Instit.	40000	EGYPT ICT	75100	Facilities & Administration	19,626,17
	ITI international			Information Technology Instit.	30071	MCIT	71200	International Consultants	8,000.00
				Information Technology Instit.	30071	MCIT	71300	Local Consultants	5,000.00
				Information Technology Instit.	30071	MCIT	71600	Travel	36,075.90
				Information Technology Instit.	30071	MCIT	72100	Contractual	3,000.00
				Information Technology Instit.	30071	MCIT	72200	Equipment and Furniture	4,000.00
				Information Technology Instit.	30071	MCIT	72500	Supplies	6,000.00
				Information Technology Instit.	30071	MCIT	73500	Reimbursement Costs	1,405.86
				Information Technology Instit.	30071	MCIT	74500	Miscellaneous Expenses	4,000.00
				Information Technology Instit.	30071	MCIT	75100	Facilities & Administration	3,414.24
TOTAL									90,666,905
GRAND TOTAL									506,999.00

Page 5 of 6

Egypt - Cairo

Report Date: 12/12/2010

99909000 Award Id:

Award Title: Supporting ITI Activities- Phase II

Year:

2015

Project ID Expected Outputs	Key Activities	Timeframe	me	Responsible Party				Planned Budget	
		Start	End		Fund	Donor		Budget Descr	Amount US\$
00076490 Supporting ITI activities- pha	Employability skills of			Information Technology Instit.	30071	MCIT	71200	International Consultants	5,851.26
				Information Technology Instit.	30071	MCIT	71600	Travel	25,750.00
				Information Technology Instit.	30071	MCIT	72100	Contractual	5,000.00
				Information Technology Instit.	30071	MCIT	72500	Supplies	20,000.00
				Information Technology Instit.	30071	MCIT	73500	Reimbursement Costs	1,589.22
				Information Technology Instit.	30071	MCIT	74500	Miscellaneous Expenses	19,000.00
				Information Technology Instit.	30071	MCIT	75100	Facilities & Administration	3,859,52
	Greater Innovation (TF)			Information Technology Instit.	40000	EGYPT ICT	71200	International Consultants	21,500.00
			-	Information Technology Instit.	40000	EGYPT ICT	71300	Local Consultants	150,198.96
				Information Technology Instit.	40000	EGYPT ICT	71600	Travel	43,000.00
				Information Technology Instit.	40000	EGYPT ICT	72100	Contractual	13,500.00
				Information Technology Instit.	40000	EGYPT ICT	72200	Equipment and Furniture	13,500.00
				Information Technology Instit.	40000	EGYPT ICT	72300	Materials & Goods	13,250.00
				Information Technology Instit.	40000	EGYPT ICT	72500	Supplies	10,000.00
				Information Technology Instit.	40000	EGYPT ICT	73500	Reimbursement Costs	5,892.16
			-	Information Technology Instit.	40000	EGYPT ICT	74500	Miscellaneous Expenses	10,000.00
				Information Technology Instit.	40000	EGYPT ICT	75100	Facilities & Administration	19,658.88
	ITI international			Information Technology Instit.	30071	MCIT	71200	International Consultants	8,000.00
			N5	Information Technology Instit.	30071	MCIT	71300	Local Consultants	20,000.00
				Information Technology Instit.	30071	MCIT	71600	Travel	25,000.00
			_	Information Technology Instit.	30071	MCIT	72100	Contractual	3,766.81
				Information Technology Instit.	30071	MCIT	72200	Equipment and Furniture	3,986.04
				Information Technology Instit.	30071	MCIT	72500	Supplies	5,000.00
			.coco	Information Technology Instit.	30071	MCIT	73500	Reimbursement Costs	1,150.96
			98 (500)	Information Technology Instit.	30071	MCIT	74500	Miscellaneous Expenses	4,000.00
				Information Technology Instit.	30071	MCIT	75100	Facilities & Administration	2,795.19
TOTAL									455,249.00
GRAND TOTAL	_								455,249.00

Page 6 of 6